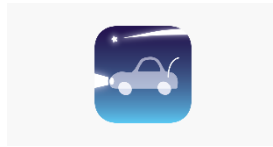


APRS FOR CELL PHONES

APRSIS PASSCODE

- DO NOT REQUEST THROUGH THE APPS!!!!
- Multiple other sites. Just google APRS passcode
 - <http://n5dux.com/ham/aprs-passcode/>
 - <https://apps.magicbug.co.uk/passcode/>
- Will allow you to use non-FCC calls like SAG, SWEEP, etc. (more on this later)

APRS.fi



Apple store

- \$6.99
- Annual subscription (optional) as low as \$6.50/year
 - connect to a radio
 - send/receive APRS text messages
 - Beacon via APRSIS (instead of APRS.fi website only)
- Create an account on aprs.fi website using your callsign
- Login using those credentials

BEACON SETTINGS

- Login with either
- Station
 - New station
 - Choose your SSID (for events use the number from your tactical call)
 - Beacon your position **ON**
 - Beacon via APRS-IS **ON** (this option won't show if you haven't bought the yearly subscription)
 - Beacon via TNC OFF (this is for using a radio instead of phone data)
 - Symbol (for events use something similar to your vehicle type)
 - Minimum transmit interval 60s
 - Maximum transmit interval 5m
 - Position ambiguity 0
- If asked, make sure you let APRS.fi use your location ALWAYS
 - Confirm this in settings
 - Scroll to APRS.fi
 - Location "Always"
 - Background App Refresh **ON**
 - Cellular Data **ON**

APRS DROID



Google Play Store

- \$4.95 (free from aprsdroid.org)
- “If you really like APRSdroid, you can support the author by buying the [Google Play version](#). You will get automatic updates and a good feeling.”

BEACON SETTINGS

- Preferences
- Callsign
- SSID (for events use the number from your tactical call)
- APRS digi path WIDE2-1
- Connection Preferences
 - Connection Protocol Internet APRS-IS
 - APRS-IS Passcode
 - Connection type TCP
 - Server: rotate.aprs2.net (default of euro should work fine also)
- APRS Symbol (for events use something similar to your vehicle type)
- Location settings (for events, NOT recommended for every day use)
 - Periodic GPS/Network
 - Minimum update time 1
 - Minimum update distance 0
 - GPS precision medium
 - Use Network Location OFF
- Go back and select “START TRACKING”

KEEP APP WORKING IN BACKGROUND

- Device Settings
 - Device Maintenance
 - Battery
 - Power saving mode OFF
 - Make sure to turn this back to the original setting after the event is over.
 - App Settings
 - Mobile Data
 - Allow background usage