**APRSdroid**

* APRSdroid is an APRS client implemented as an Android application (app).
* It is only available on Android. It is not available for iPhones.
* It may be purchased (for a small fee) from the Google Play Store, or the APK can be downloaded and installed from aprsdroid.org. Please use version 1.60.
* A radio or TNC is not required. The app connects to the APRS-IS servers over the mobile data network. An APRS passcode is required to send beacons. (More on this later.)
* APRSdroid uses Android Location Services for location data. Please allow this permission.
* Do not request a passcode for SAG use. Use the one provided at the end of this document.
* Configuration:
* Touch the 3 dots at top right of screen and select "Preferences".
* Select "Callsign" and enter "HHSAG\_" (where "\_" is the letter of your SAG assignment.) e.g. "HHSAGG". Press "OK".
* Select "Connection Preferences" and then "Connection Protocol". Select "Internet (APRS-IS)".
* Select "APRS-IS Passcode" and enter the passcode provided for your SAG assignment from the last page of this document.
* Press back arrow and return to "APRSdroid Preferences".
* Select "APRS symbol". Scroll down to bottom left and select blue van symbol to the left of FLOOD. Enter your SAG assignment letter in Overlay. e.g. "G". Press "OK".
* Select "Comment Field" and enter your FCC issued Amateur Radio callsign. Press "OK."
* Select "Location Settings" and then select "Location Source" (at top). Select "Periodic GPS/Network Position".
* Select "Minimum update time" and enter "3". Press "OK".
* Verify that "Minimum update distance" is 0, "GPS Precision" is medium, and "Use Network Location" is UNchecked. Then press back arrow to return to "Preferences".
* Select "Position privacy". "Position Ambiguity" should be "Off". "Send Speed and Bearing" should be checked. "Send Altitude" should be UNchecked.
* Configuration is complete. Press back arrow until you return to the main screen.
* When you are ready to begin your SAG route, open the app (if not already open) and press "Start Tracking". Press "Stop Tracking" when your are finished with your SAG duties at the end of the day.

APRS passcodes for SAG drivers:

HHSAGA 12202

HHSAGB 12201

HHSAGD 12207

HHSAGE 12206

HHSAGF 12205

HHSAGH 12195

HHSAGK 12192

HHSAGL 12199

HHSAGM 12198