

SDR info from Jared

Here's my go-to SDR software. Both SDR++ and SDRTrunk are open source and cross platform. SDRTrunk can be configured to run command line only. This is great for running on your favorite flavor of server OS like Ubuntu Server and the like.

SDR++ is great for general listening around the full range that your SDR dongle is capable of. It has many modes it can operate in like FM, AM, NFM, SSB, CW, and more. You can save favorite frequencies too. I've used it to record some things as well. I attached some recordings from Bermuda to this email for example.

SDRTrunk is in my opinion, the best way to listen to any trunked system. It will decode P25 Phase 1 and 2, DMR (Trbo Capacity Plus, Tier 3, etc.), MPT1327, Passport LTR, and more. I recommend 2 SDR dongles for this as your typical RTL SDR has a bandwidth of 2.4 MHZ and you may miss calls if you only have one. SDRTrunk decodes all data on the system and gives you much more info than a scanner would. You can see when a subscriber radio turns on and affiliates, you can see each step of the channel grant process when a radio keys up, GPS info is also decoded. SDRTrunk also does not have any issues with simulcast distortion like many scanners do. I'm willing to share my playlist file to make it easy for anyone in the capital district to fire up the program and immediately start listening.

SDR++: <https://github.com/AlexandreRouma/SDRPlusPlus>

SDRTrunk: <https://github.com/DSheirer/sdrtrunk>

The recordings I attached here are 2 from the Bermuda maritime weather channel and one was from the crew on the ship on one of their analog UHF channels.