

Discussion of Cross-banding

- APRS/digipeater
- Satellite Comms
- RDF or Foxhunting
- 5 watts can go into space; 5 watts isn't the problem - we'll talk about that more next week
- phone patches - check the weather, call 911; meet a buddy; just don't call your stockbroker!
- Echolink, IRLP, D-Star (if capable)

- use an HT like a walkie talkie in simplex; (just saw a new product for cell phones called gotenna which are proprietary antennas which emit frequencies which other gotennas can receive so you are off the network or will operate locally if off the network: 151-154Mhz FM; may be something new to monitor!

- amateur radio people have been doing that for years, and have more than twice the power!

- listening to police/fire services
- aircraft
- marine/coast guard
- airports - As you listen, you can actually hear the different air traffic communications of flights as they proceed through preparations to take off and land (clearance, ground, tower, departure, landing and so on). Each step has a different frequency, after a flight finishes checking in at one level, the pilots tune the radio to the next frequency.

- MARS Nets if you are near a repeater which has them
- nascar
- digital modes
- some handhelds cover FM broadcast radio too
- some HTs have frequency ranges from 108-999 or more - this means there are more public service transmissions to monitor, military aircraft, 220 band, 900 mhz band, FRS/GMRS, taxi, towing services,

- There are even a few radios which cover all the way down to the beginning of the AM band, right through the shortwave bands, and up to 1.3 GHz - that's a lot of coverage!!

-- keep realistic expectations about reception quality - no radio can cover such a broad range and have excellent reception from 200 meters up through 23 cm!!

-- the key is learning how to use the memory channels in your radio so you can tailor them to what you want to listen to

-- great for using alternative power sources like solar, gel cells, and various alternative batteries

-- Instead of an iPod or an iPad, why not bring your handheld and a set of earbuds the next time you go to a coffee shop and tune in?!

-- don't forget convenience accessories, like a speaker mike or a lapel mike; cigarette lighter adapter for powering radio from the car;