

Ham 34 – Ways to Comm
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1. Our goal is to give the EC NET as many ways to communicate as possible. As we have seen, stuff happens and one vehicle may not work. Where the Internet is available, AllStarLink has already proven to be a cool tool. It can be used at least 3-ways, then there is Simplex for some, and a repeater for some. On the nets we have shown that we can effectively relay with multiple Net controllers. These guidelines will give more detail on how to do these.
2. A NET on Monday night at 7:00 PM allows connection. For ham to work, you must know how, when, and where to get connected, just like everything else. The NET objective is multi-purposed, including interaction, learning to use equipment, and testing out communications. We all have learned a great deal from these contacts and attempted contacts. Both provide information.
3. If you do not communicate with others, how will you ever communicate? You may have a license to practice but you are not a practicing ham. Somebody wants to 'hear' you.
4. We are using a variety of communications vehicles, with varied technologies so each Ham can see the technology they want to pursue.
5. **Repeaters** allow you to use a small radio, to talk to a more powerful radio, which relays your signal to your intended contact. Evergreen has a top notch repeater, but we are still tweaking to improve performance. Freq: 145.250, -, 141.3 Hz tone, Channel 11 - 15.

From our home, south of the river, I could not hit some repeaters in the area with my BF and rubber ducky. I connected a 7.5" tall Compactenna to the BF and hit the repeater. That is a solid 20 miles with a 4-Watt hand held and step-up antenna. Your mileage may vary.

6. **Simplex** is simplest, one radio talking to another. NO infrastructure. Effective Simplex needs at least 50-Watts available with a decent antenna. Tim Allen was right, 'More power is better.' Freq: 146.47, no tone, Channel 12.
7. **AllStar** connects radios via the internet. This has been used for years before Zoom. Since the connection can involve people on either end via radio, you must have a ham license to gain access. Access can include computer, cellphone, or VHF/UHF radio. Any ham, anywhere can get into the system with or without a radio.
8. AAARC repeater has a Net on Sunday night at 9:00 PM. They have welcomed us to join in. That may be nice occasionally to tell them thanks for using their repeater.
9. ARES has a Simplex Net on Saturday night at 8:00 PM. On 146.55, no tone. Channel 3. You are welcome to check-in or just listen in to see how well your system is reaching out.
10. Evergreen NET is operating. Call in regularly to see if everything still works.
Repeater: Evergreen on 145.250, -, 141.4 Hz, ch 11; Simplex: 146.47, no tone, ch 12; AllStarLink node
11. Life is good. Enjoy.

