



Gil Leonard NG7IL



Cody Hearell KJ7OHU

## Get Radio-Active

Get **“Radio-Active”** and participate in the **“September Simplex Challenge”**.

The “September Simplex Challenge” will run for the month of September.

The “September Simplex Challenge” is designed to help you become:

- a. More familiar with your equipment.
- b. Practice for times repeaters may not be in range.
- c. Know what to expect from your equipment.
- d. Have a benchmark to evaluate new equipment and changes.
- e. Have fun and make new friends.

Program your radio(s) for the following 6 Simplex frequencies. No offsets or Tones - DCS codes.

For 2 meters:

1. 146.520 MHz, national calling frequency.
2. 146.540 MHz.
3. 146.560 MHz.

For 70 cm:

1. 446.000 MHz, national calling frequency.
2. 446.500 MHz.
3. 447.800 MHz.

Keep a few notes for each radio antenna combination.

1. Your power.
2. Your location. Mobile is OK as well as base.
3. Your QSO partner, callsign and name.
4. Your QSO partners, power setting on radio and antenna used.
5. Signal Report Received, how you are being received.
6. Signal Report Sent, how you are receiving your QSO partner.

How to participate:

Start by choosing a Simplex calling frequency on either the 2m or 70cm band. Monitor the calling frequency and answer any calls coming through or if the frequency is clear, put out a call. It's a little like fishing; call out, make a contact and log a QSO.

Putting out a call:

Ask if anyone is available on frequency and ID with your callsign. Once contact is established, move to a clear frequency #2 or #3 in the band you called on to allow others to use the calling frequency. Have fun and be courteous by allowing time between transmissions for other stations to join in.

A sample exchange might go like this:

W7SU this is NG7IL, you are loud and clear in Syracuse. Name here is Gil. I'm using a Yaesu FT7800 at 5 watts and a Diamond X200 antenna.

NG7IL this is W7SU, you are readable with a little steam on your signal into North Ogden. Name here is OARC. I'm using a Kenwood TM710 at 25 watts mobile with a Comet SAR 4X2 mag mount antenna.

Share your experiences on the Ham and Eggs net on Tuesday evenings. Brag about the distance covered between stations!

You will be amazed at how far your signal can go and get a good idea of how well your equipment performs. Knowing how your equipment operates will help you predict and establish communications when you are in unfamiliar situations or need to offer/seek help.

You will learn how to communicate if/when repeaters are inoperable or occupied.

You will hone important radio skills and become a better radio operator.

You will know your radio better and what features to look for when it's time for new equipment.

You will make new friends and enjoy yourself.

**Get Radio Active!**

**Participate in the "September Simplex Challenge"**