2024
Keuka Lake Amateur Radio Association
Simplex Challenge

The purpose of this contest is to encourage amateurs to:

- learn the basics of contesting
- learn some new simplex operation techniques
- expand the scope of their VHF operating beyond that needed for repeater operation

It is open to any licensed amateur radio operator. The object is to make as many contacts, with as many different amateurs, as possible, using 2 meter and 6 meter phone simplex during the four hour contest period.

Please try to remember that this is a FUN contest. All contest participants are encouraged to submit logs, even if they only have a few contacts.

Only contacts **from** towns delineated on the attached map are eligible for score. You may work **into** any town where your signal will reach and where you can get someone to answer you.

Contest Date and Time Period

The contest period is from Noon to 4:00 PM (local time) on May 4th, 2024. Contacts eligible for score are only those made using 2 meter and 6 meter phone simplex. Either FM or SSB (USB only, please.) contacts are eligible.

Contacts using repeaters, echolink, digital modes, or CW are not eligible for contest credit.

However, in sharp contrast to most other contests, you may use a repeater to set up, or schedule, your simplex contacts.

Station Classes

There are two classes; Fixed and Rover. There are two power subclasses; low (5 watts or less) and full power (more than 5 watts to 50 watts).

Power is what is indicated **at the rig** of the **station initiating contact.**

> **Fixed stations** operate from a single location for the entire contest period. We require that you declare your intentions at the beginning of the contest. Note that a fixed station is not required to operate from their home (although they may, if they wish), only from a single location for the duration of the contest.
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> **Rover stations** operate from several different towns during the contest period. They may be either mobile (able to operate with the vehicle under motion) or portable (set up and tear down at each location).

For the purpose of **this contest** we make no distinction as to power source (i.e. battery vs. commercial).

Contest frequencies

Frequencies which have the potential to interfere with repeater inputs or outputs must be avoided.

Nationwide calling frequencies may be used to initiate contacts. Good amateur radio practice indicates you should move to another frequency to complete your QSO. Please note that there are two calling frequencies for each band … one for the "weak signal" (or SSB) portion and one for the FM portion.

Contest exchange

Stations looking for QSO's can call "CQ Contest … KLARA Simplex Challenge".

The exchange for the answering station consists of four items:

- Their call sign
- The town where they are located
- Power (low power or full power)
- Station Class

A typical exchange would look like this:

KC2ABC: "KC2ABC calling CQ Contest, CQ Contest for the KLARA Simplex Contest KC2ABC"

KC2XYZ: "KC2ABC this is KC2XYZ. Please copy KC2XYZ, Town of Urbana, low power, fixed station."

KC2ABC: "Thank you for the contact! I have you in my log. Please copy KC2ABC, Town of Bath, full power, rover station."

KC2XYZ: "KC2ABC I have you in my log as well. Thanks for the contact and good luck in the contest!"

KC2ABC: "KC2ABC calling CQ Contest, CQ Contest for the KLARA Simplex Challenge, KC2ABC."

Logging

Logging should be done on paper sheets as attached. In addition to the items above logs should also include local time.

Logs must be submitted by June 4th, 2024 to be scored. All decisions by the scoring committee will be final.

You may submit "soapbox" comments, if you wish, by writing your comments on the reverse of your log sheet. We appreciate any and all constructive comments. Please make a notation in the margin of the front side to bring these comments to our notice (i.e. "see back").

Scoring

- 1 point per QSO (subject to some restrictions … see below)

- You may only work a fixed station once per town and configuration for credit. However, if a fixed station changes configuration (i.e. cuts or increases power), it's a new QSO.

- You may work rovers as often as they change towns. Once again, if they change configuration, it's a new QSO. Also Rovers may work a fixed station multiple times if they change towns.

- Everybody works everybody … rover to rover, rover to fixed, fixed to fixed, and so on.

- Multipliers

    - After you add up your QSO score you will receive a multiplier based on the number of towns you have worked into.

    - Rovers will also receive an additional 2x multiplier

Scoring Examples

- **For a fixed station**

    You worked a total of 17 QSO's into 5 unique towns. Your score is then 17 x 5 = 85 points total score.

- **For a rover station**

    You worked a total of 17 QSO's into 5 unique towns. Your score is 17 x 5 = 85 85 x 2 (for rover) = 170 total score.

Recognition

Everyone who submits a log receives a Certificate of Thanks for participating.