



2021 Keuka Lake Amateur Radio Association 2 Meter Simplex Challenge

The purpose of this contest is to encourage amateurs to:

- learn the basics of contesting
- learn some new simplex operating techniques
- expand the scope of their 2 meter operating beyond that needed for repeater operations.

It is open to any licensed amateur, the object being to make as many contacts with as many different amateurs, in as many towns, using 2 meter simplex, as possible; during the four hour contest period.

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

The intent is to work **from** the towns on the attached map. You may work **into** any town where your signal will reach (and where you can get someone to answer you).

1) **Date and Contest Period**

The contest period is from 12:00 PM to 4:00 PM (local time), Saturday, May 15, 2021. Contest contacts are 2 meter simplex phone **ONLY**.

Contacts via a repeater (or via Echolink or digi-modes) **will not be eligible** for contest credit. Contest is limited to FM or SSB contacts using voice.

In sharp contrast to most other contests; you **may** use a repeater to set up (or schedule) simplex contacts! **Do not** log these contacts in your contest logs.

2) **Station Divisions / Classes**

There are two divisions (FM and SSB), two classes (Fixed and Rover), and two power sub-classes (QRP - operating 5 W or less), and full - more than 5 W - 50W FM or 100 watts SSB). Power is capped at 50 watts for FM and 100 watts for SSB to assure minimum RF exposure. Contestants should conduct their own RF surveys based on their individual power levels and equipment.

Fixed stations operate from a single location for the duration of the contest period (but not ***necessarily*** from their home). Fixed stations **declare their intentions at the beginning of the contest.**

Rover stations will operate from several towns during the contest, and **also declare their intentions at the beginning of the contest.** They may be either mobile (designed to operate from a vehicle in motion) or portable (set up and tear down at each location).

3) **Contest Frequencies**

Any frequency in the 2 meter band may be used, subject to the nationwide and local section band plans. Contest exchanges are limited to phone emissions.

Frequencies that have potential conflicts with repeater inputs or outputs should not be used. The National Calling Frequency may be used to initiate contacts. After contact has been established, please move (QSY) to another frequency!

Share the frequencies - remember this is meant as a **fun** contest, so if someone jumps in after you've made a contact, let it go. Have a good time, and try to make sure everyone else does, as well!

4) Contest Exchange

Stations who are looking for QSO's may call "CQ Contest ... 2 Meter Simplex Challenge" either preceded or followed by their call sign.

The exchange for an answering station consists of four items - call sign, town, power level, and station class.

Power level is as indicated on the display of the rig initiating contact.

So a possible exchange might look like this:

K2XYZ: "K2XYZ calling CQ Contest, CQ Contest ... 2 Meter Simplex Challenge"

KC2ABC: "K2XYZ, please copy KC2ABC, Town of Howard, QRP, Fixed"

K2XYZ: "KC2ABC, I have you in my log ... please copy K2XYZ, Town of Hornby, Full, Rover"

KC2ABC: "K2XYZ I have you in my log ... Good luck in the contest!"

K2XYZ: "Thank you, good luck to you, as well ... K2XYZ calling CQ Contest, CQ Contest ..."

It should not be necessary to indicate "FM" vs "SSB" in the exchange, as this should be self evident. You should however, note this in your log!

5) Logging

Logging should be done on paper sheets, as attached. In addition to the exchange items shown above, the log will also show mode (i.e., FM vs. SSB).

If you choose to work as a group of operators, please run a separate log for each person. Please **do not** try to mix call signs within a single log.

6) **Scoring**

- 1 point per QSO.
- You may only work a fixed station once per town and configuration for credit. (e.g. if a station cuts or increases their power it's a separate QSO. If they change modes, it's a separate QSO.)
- You may work the rovers as often as they change towns / configurations. (See note above as regards power class. Also Rovers may work the same fixed station multiple times if the Rover occupies different towns.)
- Everybody works everybody - fixed to fixed, fixed to rover, rover to fixed, rover to rover, etc.
- Multipliers -
 - after you add up your QSO score, you will receive a multiplier if you have worked more than one town.
 - Rover stations receive a 2 x multiplier against their sub-total
- Multiplier example -
 - Your **rover station** conducts 10 QSO's from 5 different towns. Your score is ,then, 10 points for QSO's x 5 different towns = 50 points x 2 for a rover station = 100 points total.
 - Your **fixed station** conducts 60 QSO's from a single town. Your score is then 60 points for QSO's x 1 different town = 60 points total.

7) **Recognition**

Everyone who submits a log gets a paper "Certificate of Participation".

Keep in mind that this is intended as a **fun** contest ... we hope no one will be "cut throat" about this!

8) **Log Submission**

Please submit your logs to:

KLARA
P.O. Box 250
Bath, NY 14810
Attn: Simplex Challenge logs enclosed

In order to get everyone's log scored in a timely fashion we are asking you submit your logs by May 30, 2021. We are hopeful that we will be able to have paper certificates ready to distribute by June 14, 2021.

9) **Miscellaneous**

- Keep a copy of you amateur license handy. It is very easy to sign into the ULS to retrieve a copy of your license. Sign it, laminate it, and keep it with you.
- You may be questioned by local law enforcement about what you are doing and why. Do your best to explain. If requested to move to another location, please do so. Remain calm, confident and respectful.
- As a corollary to the above, make sure that your operating position is safe and does not block traffic. Comply with any "Posted" signs you may find!
- Keep your antenna structures, masts, and so forth, well away from power and phone lines, etc. Make sure we model safe behavior and the best of amateur practice!

**Have Fun
Explain What You Are Doing
Be an Amateur Radio Ambassador!**