



2020
Keuka Lake Amateur Radio Association
2 Meter FM 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 FM 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 different towns, using 2 meter FM simplex phone, as possible during the three hour contest period.

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

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

You may operate as a single operator or use multiple operators working as a team. **Team efforts must be handled under a single call sign**, although any team member may initiate the contact. The team approach is very beneficial for rover stations.

1) **Date and Contest Period**

The contest period is from Noon to 3:00 PM (local time), Saturday, May 9, 2020. Contest contacts are 2 meter simplex phone **ONLY**.

Contacts via a repeater (or via Echolink, or remote stations, or 2 meter digital) **will not** be 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, even during the contact period.

2) **Station Classes**

There are two classes – Fixed and Rover, and two power sub-classes- QRP (5 W or less), and Full (up 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 duration of the contest period (but not **necessarily** from their QTH). Fixed stations declare their intentions at the beginning of the contest.

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

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

Contacts at different power levels are a new QSO, and add to your points score.

3) **Contest Frequencies**

Any simplex frequency in the FM range is acceptable. Both 146.535 and 146.520 have been very successful in past contests

Frequencies that have potential conflicts with repeater inputs (low end of 146 Simplex) should be avoided. Please do not “park” on the nationwide simplex calling frequency. Use it to make an initial contact and then QSY to a clear frequency to complete the contact.

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

4) **Contest Exchange**

Stations who are looking for QSO's can call “CQ Contest ... 2 Meter FM Simplex Challenge”

The exchange for an answering station consists of four items - (1)call sign, (2)Town you are operating from, (3)power level, and (4)station class.

So a possible exchange might look like this:

KC2ABC: “KC2ABC calling CQ Contest, CQ Contest ... 2 Meter FM Simplex Challenge”

KC2XYZ: “KC2ABC, please copy KC2XYZ, Town of Bath, QRP, Fixed”

KC2ABC: “KC2XYZ I have you in my log ... please copy KC2ABC, Town of Thurston, Full, Rover”

KC2XYZ: “KC2ABC I have you in my log ... Good luck in the contest!”

KC2ABC: “Thank you, good luck to you, as well ... KC2ABC calling CQ Contest, CQ Contest ...”

5) **Logging**

Logging should be done on paper sheets, as attached. In addition to

the exchange items shown above, the log should also show local time.

Logs should be submitted by June 18th, 2020 for score. Sheets will be scored by a committee. All decisions by the scoring committee will be final.

Submit logs to:

Keuka Lake Amateur Radio Association

P.O. Box 250

Bath, NY 14810

Attn.: 2 Meter FM Simplex Challenge

Logs may also be submitted at the KLARA June 2020 Membership meeting.

6) **Scoring**

- 1 point per QSO. (subject to some basic restrictions; see below)
- You may only work a fixed station once per town and power class for credit. (e.g. if fixed station cuts or increases their power it's a separate QSO. We won't allow you to work the same station numerous times with no changes). It is allowable to work stations in the same town.
- You may work the rovers as often as they change towns / power classes. (See note above as regards power class. Also Rovers may work the same fixed station multiple times if the Rover occupies different town)
- 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 **into** more than one Town.

Rover stations receive a 2 x multiplier against their sub-total

7) Scoring examples -

- A **rover station** conducts 10 QSO's into 5 different Towns. The score is ,then, 10 points for QSO's x 5 different Towns = 50 points x 2 for a rover station = 100 points total.
- A **fixed station** conducts 17 QSO's, into 5 different Towns. Your sub total is $17 \times 5 = 85$. Since this is a fixed station there is no multiplier for roving. Your final score is 85.

7) Recognition

Everyone who submits a log will receive a certificate listing their score.

Operate in public

Explain what you are doing (and why)

Be an Amateur Radio ambassador