



2019 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 zip code areas, using 2 meter FM simplex, as possible during the five 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 zip code areas on the attached map are eligible for scoring. You may work **into** any zip code area where your signal will reach (and where you can get someone to answer you).

1) Date and Contest Period

The contest period is from Noon to 5:00 PM (local time), Saturday, May 18, 2019. Contest contacts are 2 meter simplex **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!

2) Station Classes

There are two classes - Fixed and Rover, and three power sub-classes- QRP (5 W or less), Medium (6 W - 25 W), and High (26W and up). 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 several zip code areas 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).

3) Contest Frequencies

Suggested frequencies: 146.475, 146.490, 146.505, 146.550, 146.565, 146.580, 147.420, 147.435, 147.450, 147.465, 147.480, 147.495, 147.510, 147.540, 147.555, 147.570.

Frequencies that have potential conflicts with repeater inputs (low end of 146 Simplex) and the National Calling Frequency have been omitted.

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 a good time, 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 - call sign, 5 digit zip code, power level, and 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, 14879, QRP, Fixed"

KC2ABC: "KC2XYZ I have you in my log ... please copy KC2ABC, 14810, Medium, 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, 2019 for score. Sheets will be scored by a four person 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

6) **Scoring**

- 1 point per QSO. (subject to some basic restrictions; see below)
- You may only work a fixed station once per zip code and configuration for credit. (e.g. if fixed station cuts or increases their power it's a separate QSO.). It is allowable to work stations in the same zip code.
- You may work the rovers as often as they change zip codes / configurations. (See note above as regards power class. Also Rovers may work the same fixed station multiple times if the Rover occupies different zip code(s).)
- 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 zip code.
 - Rover stations receive a 2 x multiplier against their sub-total

Scoring examples -

- A **rover station** conducts 10 QSO's into 5 different zip codes. The score is ,then, 10 points for QSO's x 5 different zip codes = 50 points x 2 for a rover station = 100 points total.
- A **fixed station** conducts 17 QSO's, into 3 different zip codes. Your sub total is $17 \times 3 = 51$. Since this is a fixed station there is

no multiplier for roving. Your final score is 51.

7) **Recognition**

Everyone who submits a log gets a certificate listing their score.

We will have a contest award for the grand total top scorer.