

2 Meter FM Simplex Sprint



- 1 Eligibility** - Any licensed amateurs in the greater Madison County area. You don't have to be a LCRC member to participate, anyone is welcome and encouraged! Pass the word around.
- 2 Object** - To contact as many stations as possible operating in different zip codes on FM simplex within the 2m band. This contest is about getting over mic-fright, know your boundaries, and to have fun on the radio!
- 3 Date** – January 5th 19:00 to 22:00 CDT
- 4 Contest Period** - 3-hour period. Any contact outside the 3-hour window will not be counted for points.
- 5 Categories** - Two classes are available, fixed and mobile. The exchange is the same for fixed or mobile stations. A station is defined as one operator, one transmitter. The category will be defined as follows:
 - 5a - Mobile stations are stations that report from 2 or more zip codes. A mobile operator may perform any or all mobile/rover functions.
 - 5b - Fixed stations are stations that report from only 1 zip code. This includes portable stations operating from only 1 fixed location.
- 6 Contest Exchange** - Each station will exchange the following information. No signal reports will be exchanged for this contest.
 - 6a - Amateur Radio Call Sign.
 - 6b - Zip code you are currently located in.
 - 6c - Serial number (Contact Number). Serial numbers will start at 1 and increment by 1 for every additional QSO.
- 7 Valid Contact** - Valid contacts are as follows.

7a - One unique call per zip code regardless of the frequency. No duplicate calls per zip code.

8 QSO Points - One point per zip code per unique contact.

9 Multipliers - Fixed and mobile stations will count as the same multiplier, only the power level will be used as a multiplier.

9a - Low Power; 10W or less: x3

9b - Medium Power; 11W to 49W: x2

9c - High Power; 50W to 100W: x1

9d - No points for stations operating more than 100W

10 Scoring - Scoring as follows.

10a - Total number of QSO points x unique zip codes.

10b - A QSO point can be calculated by multiplying the QSO by the power multiplier.

10c - Rovers can add an additional multiplier by working FROM multiple zip codes and counting those unique zip codes.

10d - Bonus points are added to total. Multipliers don't count toward bonus points.

11 Suggested Simplex Frequencies & Mode - Any simplex frequency within the 2m band is allowed, but highly suggested frequencies are below to use during the contest.

11a - 147.420, 147.440, 147.460, 147.480, 147.500, 147.520, 147.540, 147.560.

11b - FM will be the only mode counted for points.

11c - No repeater, IRLP, Echo link or satellite contacts will be counted for points.

12 Reporting & Questions - General rules around reporting and questions are below. All questions should be directed to Russell at rg010202@gmail.com . All documents and rules can be found at <http://www.K9HAM.org/>.

12a - Contest submissions should be submitted no later than Jan. 20, 2019.

12b - The contest spreadsheet can be found at <http://www.K9HAM.org/>. Operators can download the spreadsheet to their computer . The Excel spreadsheet will calculate itself. The PDF will not calculate itself and should be filled in.

12c - All electronic submissions will be sent to rg010202@gmail.com.

12d - Submissions can be reported 1 of three different ways, 12d.1 or 12.d.2 or 12d.3.

12d.1 - Submit a filled-out Excel contest spreadsheet and attach it to an email.

12d.2 - Submit a filled-out paper contest spreadsheet form postmarked by the submission date and mailed to 32772 Delhi Rd Brighton IL. 62012

12d.3 - Submit a scanned paper contest spreadsheet form in PDF format and attach it to an email.

12e - Contest submissions received after Jan. 20, 2019 will not be counted.

12f - Any spreadsheet submission that do not follow these rules will be rejected or used as check logs.

12g - Tiebreakers will be determined by the number of unique zip codes worked then the # of QSO's worked.

12h - Only one submitted score sheet per operator/call.

12i - By submitting a log score sheet, the operator agrees all FCC rules and rules defined within this 2M FM Sprint were followed by the operator and/or station.

12j - If submitting via email, you will receive a reply email back confirming your submission was received.

13 Awards - Certificates will be sent via email to the 1st, 2nd and 3rd place in both fixed and mobile categories no later than Feb. 4, 2018. Results will be posted on the <http://www.K9HAM.org/> website no later than Feb. 4, 2018. Awards will also be announced during the February LCRC general meeting.

14 Other Rule Information - Misc. other rules not covered above.

14a - Zip code line straddling is not allowed.

14b - Only one transmitted signal per station/operator is allowed.

14c - General rules for all ARRL contests will apply except where noted.

14d - A Q&A session and pre-contest net will be held on the K9HAM 145.230- (PL 79.7) repeater starting 30 mins before the contest.

15 Contest Tips -

15a - A valid contest exchange could look like this. 3 and 7 are the serial numbers.

15a.1 - The following is from two fixed stations

Station 1: CQ contest, CQ contest, this is KD9FAL, contest

Station 2: K9JDN

Station 1: K9JDN this is KD9FAL, please copy my number 3 from 62012

Station 2: KD9FAL this is K9JDN, please copy my number 7 from 62002, 73!

15a.2 - The following is from a fixed (K9JDN) and mobile (KD9FAL) station

Station 1: CQ contest, CQ contest this is KD9FAL now in 62052, contest

Station 2: K9JDN

Station 1: K9JDN this is KD9FAL, please copy my number 3 from 62052

Station 2: KD9FAL this is K9JDN, please copy my number 7 from 62002, 73! 15b - Work mobile from high locations or work portable fixed from one zip code from a high point around the counties. Getting the extra "Work From" zip code multiplier can really boost your score!

15c - Input all the suggested contest frequencies into a channel bank on your radio and scan that bank for activity.

15d - Use the 2nd VFO on your radio to scan all the suggested frequencies for contest activity while calling CQ on the other VFO.

15e - Use search and pounce mode along with run mode to boost your QSO contact numbers. Search and pounce mode is answering a CQ. Run mode is calling CQ.

15f - Use the lowest possible wattage to boost your multiplier score. If no contact is made, advance your power output to the next highest level to make contact.

15g - Open your squelch to hear those weak stations.

15h - Mobile operators, there are smartphone apps out there that will tell you which zip code you're currently located in. You'll probably need to turn on location services for the app to work.

15i - Check into the pre-contest net at 18:30 CDT on the K9HAM 145.230- (PL 79.7) repeater for a Q&A session and general discussion around the contest for elmer tips and tricks. Also get familiar with some of the calls that will be participating in the contest.

15j - Add your comments about the contest to the soapbox field on the submission sheet.

Where did you operate from? What surprised you about the contest? What was confusing? What went well? Put anything you want in there to share your contest experience with your other testers!

73's Thanks to all who participated