

## HARC Rules and Info on

### 2 meter FM Simplex Sprint Contest (Update 05-04-2016) (.xls log works)

**Saturday, June 18, 2016 6-9 PM local time**

**Welcome to the HARC 2 meter Simplex Sprint contest!** Now you have something to do on **Saturday Night of June 18th.**

The fun begins at 6 PM CDT (1800) and will go until 9 PM CDT (2100) on the Saturday June 18, 2016. It will be **FM simplex** mode on 8 frequencies separated by 20 khz so they will not interfere with one another. Contacts made on repeaters are not allowed. We will use these simplex frequencies, **147.425, 147.440, 147.460, 147.480, 147.495, 147.520, 147.540, 147.560.** So get your radios programmed and add this contest to your calendars. This contest is not limited to HARC members so be sure to spread the word and get ready to Sprint. The object will be to make as many contacts with as many HAMS as possible in as many zip codes as possible. Only one contact per combination of the HAM Stations (call sign) and their zip codes is allowed.

We encourage you to operate at home, portable from a high location and / or mobile to get as many entries in your log as you can. There will be 3 categories based on power output (all use FM mode): 4 watts and under; 5-24 watts; and 25-100 watts. (Your contest power is the highest power level you use all evening) All contacts should be handled similar to that customary for the HF contests and special events. A firm contact should be first established by exchanging call signs, and then the customary exchange of contest information. You give them YOUR ZIP code and contact number. You record the same from them. Any type of antenna may be used, omnidirectional or directional, base or mobile or even portable. More information including the log sheets will be sent out before the contest. Aeronautical mobile is special class.

**This is a great opportunity for all local area hams to participate and join in the fun!**

**When:** Saturday, June 18, 2016 from 6 to 9 PM (local time) Logs due by July 1, 2016

**Objectives:** Make as many contacts in different zip codes as possible, with only the 2M simplex mode using 100 watts maximum! Learn to program your radio, conquer "Mic Fright", and meet new friends. You do not have to be in contest or send a log to make contacts and give people extra points.

**The Hunter vs. The Hunted:** Consider operating from a remote location, high point, or perhaps a roving mobile. Mobile stations are able to re-work stations from a different location.

**Frequencies:** The event will take place solely on the 2 meter band using FM simplex mode; (e.g. no repeater contacts). According to the ARRL band plan, these frequencies (**between 146.40-146.58 & 147.42-147.57**) are for simplex use.

For this event, we will use only eight of these frequencies with a convenient 15-20 kHz separation. (10k away from 2 lightly used repeaters, the .505 Huntsville, and .415 Cullman)

Valid Contest Frequencies			
<b>147.425*</b>	147.440	147.460	147.480
<b>147.495*</b>	147.520	147.540	147.560

(\* = different from last year to be further away from repeaters on .415, and .505)

**Exchange:** Call sign, contact number, and 5-digit zip code. **Rover stations should use the zip code of their current location at the time of transmission.**

**Example Stationary Exchange:**

“CQ Contest, this is WA4DXP, QRZ”

“WA4DXP from W4FMX”

“W4FMX from WA4DXP, please copy my number 3 from 35801”

“WA4DXP from W4FMX, please copy my number 6 from 35802”, thanks for the contact and good luck !

**Example Mobile/Rover Exchange:**

“CQ Contest, this is WA4DXP /M (pronounced WA4DXP stroke mobile), I have moved to zip code 35811”

“WA4DXP /M from WA4EZW”

“WA4EZW from WA4DXP /M, please copy my number 7 from 35811”

“WA4DXP /M from WA4EZW, please copy my number 4 from 35804”, thanks for the contact and good luck!

**Contacts:** Work as many different calls and locations as possible, giving exchange as noted above. Work each station only once per ZIP Code **regardless of the frequency** on which the contact was made — i.e. Mobiles can be re-worked whenever either station changes Zip Code location. Also note that a mobile station can rework the stationary stations when the mobile has changed zip codes. **(Even IF you change power from a 5 watt HT to a 50 watt mobile, you are in the 50 watt class for ALL contacts you make. Power level multiplier is used for ALL contacts based on the highest power used at any time during the event.)**

**Scoring:** Use the handy log and scoring sheet (attached). Each contact is worth 1 point times the multiplier.

**Multipliers:** Amount of power used for transmission.

**Power:** Stations running:

<= 4 watts output 3X score

5 to 24 watts output 2X score

25 to 100 watts output 1X score

**Final Score: Total Points = # QSO's x zip code point x Power multiplier (no multiplier if using 25 watts or more.)**

Logging: Event log sheets can be downloaded from the HARC website, [www.harc.net](http://www.harc.net). This Log automatically computes your score as you make entries, and it is FIXED. PRINT IT, and make manual entries and get it to me before July 11. You may email your .xls completed file since the logging program works. It won't handle more than 60 entries at the moment.

Please direct questions via email to WA4DXP, M.D. who will be serving as the Contest Chairman at [mdsmith@hiwaay.net](mailto:mdsmith@hiwaay.net)

**Please remember that the purpose of this contest is again to have fun, talk to your HAM friends and get a little practice for Field Day and other contests.**

Post-Contest: Bring completed paper logs to M.D. 307 Clinton address below or send them electronically using the score sheet to M.D. at [mdsmith@hiwaay.net](mailto:mdsmith@hiwaay.net) OR MAIL TO:

M D Smith, WA4DXP  
307 CLINTON AVE W  
SUITE 100  
HUNTSVILLE, AL 35801

- **The revised .XLS Logging form works. Download a copy (you MAY submit the .xls log, it is fixed)**

**Please note this form fixed by Bob KV4PC. It will keep score of contacts and power multiplier, it does know a "DUPLICATE" contact which has no score and It does know which are "Unique" zip codes. And because you CAN count the same station twice IF you contact them and they are in a different ZIP code OR YOU have moved to a different ZIP code.**

Event Results Posted: On the HARC website shortly after the scores are tallied after the log entry submission deadline 7-01-16. Posted will be:

1. Highest score using 4 watts or less (some HTs put out 6-7 watts) (and 3X multiplier)
  2. Highest score using 5-24 watts (and 2X multiplier)
  3. Highest score using 25 or more watts ( 1X or no multiplier)
- (and the number of contacts for each winning station)

**Final Score: Total Points = # QSO's x zip code point x Power multiplier (no multiplier if using 25 watts or more.)**

***You don't have to have a top score to have a lot of fun and prove what we can do on Simplex if all AC power and repeaters should fail.***