



The members of Butler County Amateur Radio Association (www.W3UDX.org) welcomes you to the “Spring FM/SSB Contest”. This contest helps us all be prepared in a number of ways, gets us to know one another, allow for some friendly competition and try out our emergency preparedness skills. Since this contest is limited to 10M/6m/2M/and 70 CM FM/SSB modes, it does not require any fancy equipment and all can participate. The contest is just a short 4 hour time frame.

This is a great time for all local area hams to participate and join in the activity!

When: Sunday, March 26, 2017 @ 6 to 10 PM (local time)

Objectives: To make as many contacts as possible, encouraging the use of multi-band FM/SSB simplex modes, and to have fun!

Who can participate? Properly licensed operators, with an FM/SSB Transceiver, from any location.

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 contest will take place solely on 10M/6M/2M and 70 CM bands using simplex mode; (e.g. no repeater contacts). According to the ARRL band plan, we have chosen frequencies used for simplex. **Valid Contest Frequencies are: For FM 29.6, 51.55 146.55 and 446.0 MHZ and for SSB 28.4, 50.2, 144.25 and 445.5 MHZ.**

Exchange: Callsign, contact number, 5-digit zip code. Rover stations should use the zip code of their current location, at the time. Zip code listing available at the tab on bottom of the Log Sheet. (Based on a 50 mile radius of Butler, PA)

Example Stationary Exchange: “N3VVV from W3YYY, please copy my number 3 from 16001” or “AB3XX from W3HHH, please copy my number 6 from 16002”

Example Mobile/Rover Exchange: “W3WWW from AB3XX/M, please copy #3 from 15044” Then.... “KB3SSS from AB3XX/M, please copy #4 from 15047”.

Contacts: Work as many different calls and locations as possible, giving exchange as noted above..

Work each station, once per ZIP CODE, Band and MODE: i.e. Mobiles can be re-worked whenever they change zip code locations.

Scoring: Use the handy log and scoring sheet mentioned in “Exchange” above. **Each Contact** is worth 1 point. **Each of unique 5-digit zip code pairs** are worth 1 point. **Power Multipliers** are in three groups: **(#1:)** Stations running ≤ 10 watts output: 3 Points. **(#2)** Stations running $> 10, \leq 50$ watts output: 2 Points. **(#3)** Stations running > 50 watts output: 1 Point. **Each band** used. 1 point per Mode used. Same contact, same Zipcode can be worked on all four Bands, both Modes.

Final Score: Total Points = # QSO's Multiplier x zip code pair Multiplier x Power Multiplier X Band and Mode used. In developing your score, you will add the number of QSO's, then the number of unique zip codes, in the separate power multipliers and then the Band and Mode used. After you have the answers for these four columns of your log sheet, multiply the sum of # QSO's X the sum of the # of unique zip codes X the sum of the power multipliers X Bands, X Modes used. (If you run 50watts or more, your multiplier will only be 1. 10 contacts will give you 10 points. If you run less or maximum of 10 watts, each contact adds 3. For example, you had 10 contacts, the power is 3×10 or 30 points) In summary for 10 contacts, at 10 watts, with 10 unique zip codes and power multiplier of 3 for each contact, your final score is 10 (QSO's) X 10 (Zip codes) X 3 (power points) = 300 for a single band. And another multiplier of 2 if you used both modes. ($300 \times 2 = 600$)

Logging: Contest log sheets can be downloaded from the BCARA web site, www.W3UDX.org.

Log Examples: Notice only 1 point per contact per zip code per band. You can not vary power for more points. You can use 10,6,2, & 7 to identify the band used.

Working two stations in the same zip code gives you 2 points for contacts and 1 point for zip code and possible additional 8 multiplier points for using all 4 bands plus the 2 Modes.

Mobiles: Before you go, know your zip codes. Find them first at the tab located at the bottom of the Log sheet.

Post-Contest: Send completed electronic logs to W3VXT at: W3VXT@arrl.net

OR: Send paper logs to: 2017 10 to70 Simplex Contest, c/o Dave Zibrat, 161 Wood Hawk Lane, Butler, PA 16001-8345

Please direct questions via email to W3VXT@arrl.net

Log entry Submission Deadline: March 31, 2017. Contest Results will be posted on the BCARA website: W3UDX.org

Join in on the fun! Exercise your “Multi-Mode” simplex capabilities!
Dave W3VXT, Contest Chairman

SCORING HINT: Add the Number of QSO's for each Power level Multiplier, then the Number of bands and then the number of Modes. Multiply these for your score. Add each Power Multiplier column for your final score.