The members of Butler County Amateur Radio Association (www.W3UDX.org) welcomes you to the "2017 October Simplex 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/1.25M 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: Saturday, October 21, 2017 @ 6 to 10 PM (local time)

Objectives: To make as many contacts as possible, encouraging the use of multi-band FM and 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/1.25M/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   SSB Frequencies are: 28.40, 50.20, 144.250, 222.10, 445.50 and FM Frequencies are: 29.60, 51.55, 146.550, 223.50, 446.00 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, Bands, Modes and Locations as possible, giving exchange as

noted above.

Work each station, once per ZIP CODE per 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, < 50 watts output: 2 Points. **(#3)** Stations running > 50+ watts output: 1 Point. **Each band** used is 1 point.

Final Score: Total Points = # QSO's Multiplier x zip code pair Multiplier x Power Multiplier X Band used. In developing your score, you will add the number of QSO's, then the number of unique zip codes, then the separate power multipliers and then the Band 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 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 X 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 30 (power points) = 3000 for a single band.
Hint: Group your points in the Power Levels you ran. Scoring becomes easier.

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 10,6,2,1 & 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 5 bands. (5 Bands X 2 Modes = 10 points for a single zipcode X Power Multiplier with a possible 10, 20 or 30 points)

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: October 2017 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: October 31, 2017. Contest Results will be posted on the BCARA website: W3UDX.org

Join in on the fun! Exercise your "Multi-Meter" simplex capabilities!
Dave W3VXT, Contest Chairman