

# CQ CHATTER

JANUARY 2018

VOLUME B17 • ISSUE 115

## WOOD COUNTY AMATEUR RADIO CLUB

President	N1RB	Bob Boughton
Vice President	KD8VWU	Doug Perez
Secretary	WB8NQW	Bob Willman
Treasurer	KD8NJW	Jim Barnhouse
Board Member	KE8CVA	Terry Halliwill

<http://wcarc.bgsu.edu>

### Minutes

#### *WCARC Meeting*

December 11, 2017

**Bob-N1RB, presiding**

**Present:** Stan-K8LL, Hoot-WB8VUL, Steve-K8BBK, Eric-WD8LEI, Steve-W8AN, Wil-KC8IFW, Bob-WB8NQW, Chuck-WD8ICP, Lynn-KD8RNO, Rex-KC8PFP, Jim-KD8NJW, Terry-KE8CVA, Bob-N1RB

**Meeting called to order:** at 7:30 with Pledge of Allegiance.

**Minutes** Steve, K8BBK, moved, and Terry, KE8CVA, seconded to approve minutes from the October meeting as printed in November CQ Chatter. The motion was approved unanimously.

**Treasurer's** report was given by Jim-KD8NJW. Bob, WB8NQW, moved with a second by Will, KC8IFW, to approve. The motion was approved unanimously.

**Old Business:** The candidates for the 2018 election are: President, Bob-WB8NQW, Vice President, Doug-KD8VWU, Secretary, Bob-N1RB, Treasurer, Jim-KD8NJW, and Board Member, Terry-KE8CVA. The election will be January 07, 2018 during the kickoff banquet at the Perrysburg Holiday Inn French Quarter starting at 11:30 AM.

The Technical Committee met on 10/17/17 to discuss foxhunt strategies

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### ***Kick-off Banquet Plans***

The annual WCARC Kick-off banquet is planned for Sunday, January 7, at 11:30. In keeping with previous years, the location is J. Patrick's restaurant in the Holiday Inn French Quarter in Perrysburg, 10630 Fremont Pike (U.S. Rt. 20). The offering is a brunch buffet-style arrangement. Cost is: adult-\$15, senior-\$14, kids-\$9, under 3-free. This is a chance to meet all the folks you talk to on the air in person. The announcement of the Officer slate and elections will also take place. ■

## Net Check Ins

**Dec 5**      **Traffic: 0**

**WB8NQW**      **(NCS)**  
**KE8CUZ/M**  
**N1RB**  
**KD8RNO**  
**KD8NJW**  
**KC8EKT**  
**K8OVO**  
**KG8FH**  
**KA8VNG**  
**N8VNT**  
**W8PSK**  
**KE8CVA**  
**K8JU**  
**K8BBK**  
**WD8LEI/M**  
**KD8VWU**      **(16)**

**Dec 12**      **Traffic: 0**

**NM8W**      **(NCS)**  
**WD8LEI**  
**KD8NJW**  
**KD8RNO**  
**KA8VNG**  
**KG8FH**  
**N8VNT**  
**WB8NQW**  
**KC8EKT**  
**K8BBK**  
**KE8CVA**  
**N1RB**  
**KD8VWU**      **(13)**

## Brain Teasers

1. What special restrictions does the FCC impose on amateur antennas mounted on motor vehicles?
  - a.) they may not extend more than 15 ft above the roof of the vehicle.
  - b.) complex antennas, such as a Yagi or a quad, may not be installed on motor vehicles.
  - c.) none
  - d.) they must comply with the recommendations of the vehicle manufacturer.
2. What is the direction of a descending pass for an amateur satellite?
  - a.) from north to south
  - b.) from west to east
  - c.) from east to west
  - d.) from south to north
3. What is the half-power bandwidth of a parallel resonant circuit that has a resonant frequency of 14.25 MHz and a Q of 150?
  - a.) 95 kHz
  - b.) 10.5 kHz
  - c.) 10.5 MHz
  - d.) 17 kHz

# January Contests

The contest lineup for the month of January is given below. Please note that the WARC bands (60, 30, 17 and 12 m) are never open to contesting.

Jan 1	0000 to 2359 Z	160 m to 10 m
<b>Straight Key Night</b>		<b>CW</b>
Jan 6	1800 to 2359 Z	160 m on up
<b>ARRL Kid's Day</b>		<b>Phone</b>
Jan 6-7	1800 to 2359 Z	160 m to 10 m
<b>ARRL RTTY Roundup</b>		<b>RTTY</b>
Jan 13-14	1800 to 0559 Z	160 m to 10 m
<b>North American QSO Party</b>		<b>CW</b>
Jan 13-14	1200 to 1200 Z	80 m to 10 m
<b>UBA (Belgium) PSK63 'test</b>		<b>PSK</b>
Jan 20-21	1200 to 1159 Z	160 m to 10 m
<b>Hungarian DX 'test</b>		<b>all modes</b>
Jan 20-21	1800 to 0559 Z	160 m to 10 m
<b>North American QSO Party</b>		<b>SSB</b>
Jan 20-22	1900 to 0359 Z	6 m on up
<b>ARRL VHF 'test</b>		<b>all modes</b>
Jan 27	0000 to 2359 Z	160 m to 10 m
<b>Montana QSO Party</b>		<b>all modes</b>
Jan 27-28	0600 to 1800 Z	80 m to 10 m
<b>REF (France) DX 'test</b>		<b>CW</b>
Jan 27-28	1300 to 1300 Z	80 m to 10 m
<b>UBA (Belgium) DX 'test</b>		<b>SSB</b>

## ***W1AW to Start Scheduled Transmissions on 6 Meters Beginning on January 2***

*from ARRL Letter*

The ARRL has announced that [W1AW](#) will start scheduled transmissions on 6 meters beginning on January 2. W1AW will add 6 meters -- specifically 50.350 MHz -- to its regular CW code practice, and CW, digital, and phone bulletin transmission schedule, starting with the 1400 UTC fast code practice on January 2.

Prior to late 1989, W1AW had a presence on 6 meters for all CW practice and routine bulletins, but it has been silent on 6 meters since then, with the exception of regular visitor operations and contests.

In addition to providing regularly scheduled transmissions on 6 meters, another goal of the W1AW transmission on the "magic band" is to act as a beacon on 6 meters, especially from the northeast US.

Signal reports will be welcome. A web page will allow listeners to submit signal reports. Listeners may also [e-mail](#) their reports to W1AW. ■

## ***Canada Reviews Handheld Rule for Drivers***

*from ARNewsline*

In Canada, it's almost decision time: Officials are looking at handheld radio use behind the wheel. On January 1st, the five-year exemption permitting drivers' handheld use of two-way radios in Ontario, Canada is set to expire.

Radio Amateurs of Canada (RAC) has been waiting to hear from the Ontario Ministry of Transportation about the fate of the exemption from the province's Distracted Driving Law.

RAC Directors Allan Boyd, VE3AJB, and Phil McBride, VA3QR, had met with Ontario Transportation officials earlier this year and declared the session productive, but are still awaiting word of what will happen.

The RAC has formed a committee to work with both Ontario and British Columbia, both of which have distracted-driving regulations. In British Columbia, amateurs have been permitted since February of this year to drive while operating radios that have push-to-talk buttons.

According to the RAC's website, there will be a decision on the Ontario regulations prior to the 1st of January and the RAC has pledged to issue a bulletin as soon as there is an update. ■

## ***Ohio ARES VHF Simplex Contest***

*from Ohio Section Bulletin*

**When:** January 13 – 10AM through 4PM EDT.

**Bands:** All bands from 50 MHz up

The purpose of the annual simplex activity is to improve station and antenna capabilities, and to test coverage areas on simplex frequencies. These may be very important in times of emergency, when repeaters have failed and simplex is the only method of emergency communication. We are NOT giving any consideration for backup power -- this exercise is aimed at testing antennas and de-

*continued---on p. 6*

## WCARC Weekly Net

Tuesdays at 2100 all year

147.18 MHz 67 Hz PL

### Net Control Roster

<i>Jan 2</i>	<i>NM8W</i>
<i>Jan 9</i>	<i>K8OVO</i>
<i>Jan 16</i>	<i>WB8NQW</i>
<i>Jan 23</i>	<i>N1RB</i>
<i>Jan 30</i>	<i>KD8VWU</i>
<i>Feb 6</i>	<i>KD8NJW</i>
<i>Feb 13</i>	<i>NM8W</i>

## NEXT MEETING

### *Kick-off Banquet*

Sunday Jan. 7th

TIME: 11:30 am start

### PLACE:

J. Patrick's Alcove  
Holiday Inn French Qtr.  
10630 Fremont Pike (Rt.20)  
Perrysburg, OH

## DON'T FORGET!

### 10 meter Net

meets

Sunday@ 2030

on 28.335 MHz

## *Time to Renew*

WCARC

2018 membership  
dues are payable to:

WCARC Treasurer,

P. O. Box 534

Bowling Green, OH

43402



# Net Check Ins

**Dec 19**      **Traffic: 0**

**KD8VWU**      **(NCS)**  
**KD8RNO**  
**NM8W**  
**K8BBK**  
**N8VNT**  
**KA8VNG**  
**KC8EKT**  
**KD8NJW**  
**WB8NQW**  
**N1RB**  
**KE8CVA**      **(11)**

**Dec 26**      **Traffic: 0**

**KD8NJW**      **(NCS)**  
**KD8NJZ**  
**KC8EKT**  
**KE8CVA**  
**KG8FH**  
**K8JU**  
**WD8NQW**  
**KA8VNG**  
**KD8RNO**  
**WD8ICP**  
**N8VNT**  
**NM8W**  
**WD8JWJ**  
**KD8VWU**      **(14)**

*simplex— from p. 4*

termining coverage areas. We anticipate primary activity to occur on the 2-meter band. We recommend the following frequencies:

- 50 MHz — Standard simplex calling frequencies
- 146.52 MHz — Only after making sure you will not be interfering with existing conversation, move to: 146.46 through 146.49 MHz
- UHF and above — Standard simplex calling frequencies.

## Modes

- ALL MODES are acceptable— it's your choice
- Digital— using any mode generally accepted by NBEMS/ARES in fldigi. (Default = Mt63.2K)

## Entry Categories

- **FIXED:** Any fixed station can operate. Single or Multiple Operators, no restrictions.
- **FIXED EOC:** Any station using equipment and antennas permanently installed at an EOC. An EOC is recognized under the same provisions as a Field Day category "F".
- **PORTABLE:** Any station established under portable conditions in a temporary location.
- **ROVER:** Any mobile operator may join as a "Rover". A rover vehicle may transport only one station using a single call sign. It may be in motion or stopped. Rover vehicles must transport all the equipment, power supplies, and antennas used at each operating site. Rovers **MUST** sign "rover" on Phone and /R on CW and digital modes after their call sign.

## Exchange

The exchange will include your station callsign and your county. In the case of stations outside Ohio, please include your state.

- If you are operating from an EOC, please include that in your exchange. (+5 for them)
- If you are an ARES official (AEC and above) Identify yourself as such. (+5 for them)

**simplex— from p. 6**

- You are encouraged to announce your station details if you wish, so that other stations can judge the performance of their equipment. This is NOT a part of the required exchange. For further information on scoring QSOs and submitting logs, please consult the December- OH section newsletter at: <http://arri-ohio.org/news/ps-12-11-17.pdf> ■

**minutes— from p. 1**

and the implementation of Yaesu's WIRES-X on the Fusion repeater. The favorite idea was that instead of one fox using voice transmission, multiple UHF low power automated transmitters using CW hidden in a park or fairgrounds, with the hounds being on foot in small groups working together to entice more hams to participate. Steve, W8AN, passed around an IC containing a nano-Arduino processor that will generate a CW message, and could be programmed to key up a small handheld automatically. Several build sessions will be held for members to build the hidden transmitters and the directional UHF antennas. The first session will build the search antenna and will be held on January 13, 2018, starting at 10:30, at the QTH of Bob, WB8NQW.

The implementation of WIRES-X requires a firmware update to the Fusion repeater that cannot be field installed. The repeater was shipped to Yaesu in California. It was damaged in shipment. Since it was insured for \$1000, UPS agreed to pay the insured value. The repair from Yaesu cost \$200. Eric, WD8LEI, moved and Steve, K8BBK, seconded, that we purchase a refurbished PC for \$300 to run the WIRES-X software. The motion was passed. The required WIRES-X modem is already in-hand, and BGSU has agreed to provide the necessary internet ports to the repeater site. The receive site racks will be combined and re-arranged before the Fusion repeater is re-installed and WIRES-X implemented.

Eric, WD8LEI, reported that BGSU is going to conduct an inventory of all radio equipment installed on campus. This should have no impact on our repeaters.

**New Business:**

Bob, N1RB, asked if there was any interest in a new technician class. No one responded.

**Adjournment:** Terry, KE8CVA, moved to adjourn, and Hoot, WB8VUL, seconded. Meeting adjourned at 8:30 pm.

**Program:** Eric, WD8LEI, led the members on a nostalgic journey through Club history  
*continued---on p. 8*

# January Hamfests

**Jan 28 Hazel Park ARC. Annual Hamfest.** UCFW Local 876, Madison Hts., MI.

web: <http://hparc.org>

## Construction Sessions Planned

The newly proposed fox hunt arrangement is intended to get more Club members involved in building the necessary equipment. At the December business meeting it was decided to hold the sessions on the second Saturday of each month, so the first meeting will occur on January 12th, at 10:30 am. The location has been kindly provided by Bob-WB8NQW, in his basement. Bob's address is 14118 Bishop Rd. in Bowling Green. The first project will be to construct a directional antenna for 440 MHz. to be followed by constructing foxhunt transmitter control modules.

If you are interested in joining in, please drop me a line at:

[boughton@bgsu.edu](mailto:boughton@bgsu.edu) or (419) 354-1811. A list of needed materials will be provided at that time. ■

## More Room for Hamvention

*from ARRL Letter*

Hamvention® reports that the Greene County Commissioners and the Greene County Fair Board have approved the construction of a new building at the Greene County Fairgrounds and Expo Center, the new Hamvention venue in Xenia, Ohio.

"Greene County officials have decided to move forward with construction of a new building, as it will continue to expand their presence in the region as a world-class Exposition Center,"

Hamvention Spokesperson Michael Kalter, WB8CI, said in a news release.

"Hamvention certainly benefits from the decision to expand the Expo Center footprint. Construction is planned to be complete ahead of Hamvention 2018, and [the new building] will be used for the event."

In addition to the new structure, another building on the property, previously known as Fairgrounds Furniture, is being vacated and will be available for use by Hamvention in May 2018. Additional details are forthcoming.

Kalter said Hamvention has been told that the additional floor space will cover an area larger than the tents Hamvention used for some activities in 2017.

"Although this decision was made to expand opportunities at the Expo Center, Hamvention is grateful for the support of Greene County, Xenia Township, and the city of Xenia," Kalter added. ■

### *minutes— from p. 7*

ry by reviewing articles that have appeared in past issues of CQ Chatter going back to 1978. He read articles written by several editors over the years. As editor, Hoot, WB8VUL, awarded the "Silver Mike" award several times. He also awarded the "Zinc Lid" award several times including to himself. He also included an XYL column containing recipes. One was for peanut butter popcorn balls; My XYL, Janette, made these and passed them out to attending members. She also had cookies and buckeyes for our enjoyment. Hoot, WB8VUL, provided the drinks. A good time was had by all.

Respectfully submitted:  
Bob WB8NQW, Secretary, WCARC ■



# FOR SALE

Elecraft KX3 transceiver and Hardrock 50 W Amp. They go together. KX3 has the ATU, filter board, 2m module, internal bat charger/clock w/ batteries, microphone.

Amp has ATU, QSK. (qsk not installed). Many extra cables & plugs. Includes aluminum stand that will hold KX3 and PX3.

All manuals included.

Price \$1300.

**Contact:**

Bill Wilkins, WD8JWJ, [wd8jwj@amplex.net](mailto:wd8jwj@amplex.net)

# FOR SALE

Heathkit SB-101 transceiver with power supply/speaker (SB-600/HP-23A)—receiver works, but no excitation—manuals included.

HD-1416 Code Oscillator with key

HD-15 Hybrid Phone Patch

HM-15 Reflected Power Meter

Asking \$200 OBO

**Contact:**

Betsy Boyle (419) 392-6860 [betsyboylebg@gmail.com](mailto:betsyboylebg@gmail.com)

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