

# CQ CHATTER

JULY 2018

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## WOOD COUNTY AMATEUR RADIO CLUB

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

<http://wcarc.bgsu.edu>

### Minutes WCARC Meeting June 11, 2018

#### Bob-W8NQW, presiding

**Present:** Phil-W8PSK, Hoot-WB8VUL, Jim-KD8NJW, Steve-W8AN, Wil-KC8IFW, Rex-KC8PFP, Ruth-KC8EKT, Steve-K8BBK, Shawn-KB8QEW, Bill-WD8JWJ, Terry-KC8CVA, Eric-WD8LEI, Bob-WB8NQW, Bob-N1RB

**Meeting called to order:** at 19:30 with Pledge of Allegiance.

**Minutes** of April business meeting as published in May CQ Chatter were approved (BBK/NJW).

**Treasurer's Report** was presented by Jim-KD8NJW. Report was approved (PSK/VUL).

#### Old Business:

- Bob (NQW) invited anybody who wished to comment on the performance of the Club repeaters. There

was some discussion of the power outage on the main repeaters but the system recovered nicely. Phil (PSK) remarked that he learned that Yaesu announced that it would introduce an easier way to use Wires-X when mobile (without having to open the six ports). He remarked that the upgrade is supposed to occur some time this summer.

- Jim (NJW), as the fox, reported on the foxhunt. There were six hunters plus the fox. He had some concerns about how to time the fox's announcements and also when to change power levels. Discussion followed.
- Bob inquired about what would be a good time to schedule the UHF QRP foxhunt. Eric (LEI) reported that he had the Baofeng HTs in hand and would probably finish construction in the next few weeks, so perhaps after the breakfast

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## Net Check Ins

June 5 Traffic: 0

N1RB (NCS)  
K8BBK  
KC8EKT  
KG8FH  
WD8JWJ  
WB8NQW  
KD8NJW  
W8PSK  
N8VNT  
KE8CVA  
KB8QEW  
WD8LEI/M (12)

June 12 Traffic: 0

WB8NQW (NCS)  
KE8CVA  
KG8FH  
KE8CUZ  
WD8JWJ  
KD8RNO  
W8PSK  
KD8NJW  
WD8LEI (9)

## Brain Teasers

1. What must an amateur obtain before installing an antenna structure more than 200 feet high?
  - a.) an environmental assessment
  - b.) a Special Temporary Authorization
  - c.) prior FCC approval
  - d.) an effective radiated power statement
2. What is a primary advantage of using a toroidal core instead of a linear core in an inductor?
  - a.) toroids contain most of the magnetic field within the core material
  - b.) toroids make it easier to couple the magnetic energy into other components
  - c.) toroids exhibit greater hysteresis
  - d.) toroids have lower Q characteristics
3. What is the PEP output of a transmitter that has a maximum peak of 30 V to a 50 ohm load as observed on an oscilloscope?
  - a.) 4.5 W
  - b.) 9 W
  - c.) 16 W
  - d.) 18 W

# July Contests

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

<b>Jul 1</b>	<i>0000 to 2359 Z</i>	160 m to 10 m
<b>Canada Day 'test</b>		<b>all modes</b>
<b>Jul 7</b>	<i>0000 to 2359 Z</i>	160 m to 10 m
<b>Venezuela Ind. Day 'test</b>		<b>all modes</b>
<b>Jul 7-8</b>	<i>1400 to 1400 Z</i>	160 m to 10 m
<b>Marconi Mem'l HF 'test</b>		<b>CW</b>
<b>Jul 7-8</b>	<i>1100 to 1059 Z</i>	80 m to 10 m
<b>DL DX-RTTY 'test</b>		<b>RTTY</b>
<b>Jul 21-22</b>	<i>1800 to 0559 Z</i>	80 m to 10 m
<b>North American QSO Party</b>		<b>RTTY</b>
<b>Jul 21-22</b>	<i>1800 to 2100 Z</i>	6 m to 2 m
<b>CQ WW VHF 'test</b>		<b>all modes</b>
<b>Jul 28-29</b>	<i>1200 to 1200 Z</i>	80 m to 10 m
<b>RSGB IOTA 'test</b>		<b>CW SSB</b>

# July Hamfests

**Jul 21 Northern Ohio ARS. Annual Swap and Shop.** Lorain County Community College, Elyria, OH. web: <http://noars.net>

**Jul 22 Van Wert ARC. Annual Hamfest.** Van Wert County Fairgrounds, Van Wert, OH. web: <http://w8fy.org>

**Aug 4 Voice of Aladdin ARC. Annual Hamfest.** Aladdin Shrine Center, Grove City, OH. web: <http://columbushamfest.com>

# Field Day Report

The WCARC Field Day activities began around noon on Saturday, June 23, on the Wood County Historical Museum grounds. The weatherman was not very cooperative, as occasional 20 min bursts of showers with 10 min breaks were occurring. Rather than risk a very wet set up crew, it was decided to forgo erecting the

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## *minutes— from p. 1*

meeting in September would be a good time to do it. Further discussion is needed.

- Rex (PFP) provided a draft publicity brochure for the Club and quoted the cost at \$268 for 250. The draft was passed around and motion was made for approval (RB/EKT). The motion passed unanimously. Rex also mentioned that he had a supply of old QST magazines that he will have on hand at Field Day for giveaway.
- Bob mentioned that other publicity for the Club could be made through Facebook and inquired as to who was the master for the WCARC page. The response was that it was Craig-NM8W who set it up. Bob will contact him.
- Bob mentioned that it would be good to use “standard” modes of publicity such as newspapers, radio/TV stations, etc., for our Field Day operation. Several suggestions were made, and he will work on it. He also asked if anyone was interested

in using non-conventional methods of powering the equipment such as solar panels, or windmills. Much discussion followed.

- Eric (LEI) said that, as before, all Wood County ARES equipment is available for use at the Field Day site.
- For Field Day food, Bob said that potluck on Saturday evening and a breakfast on Sunday morning were in the works. The Club provides drinks, tableware. The entree this year will be grilled burgers and hot-dogs with buns provided. Time for dinner is between 5 and 5:30 pm on Saturday, and for breakfast on Sunday, some time between 6 and 7 am. All this was approved in one sweeping motion (RB/EKT).
- Rex (PFP) will look for a specimen press release for Field Day. Bob (NQW) and Bob (RB) will handle the distribution.

## **New Business:**

- A question from the floor was raised concerning the status of the amateur antennas on the Sheriff Office roof. Eric (LEI) has inspected them and confirmed that the HF dipole is snapped in the middle somewhere, and that the VHF J-Pole has infinite resistance on the coax, probably because the male fitting has slipped off the bracket. He will organize a work party to fix them.

**Adjournment** was moved and approved (QEW/BBK) at 20:30 pm. ■

**WCARC Weekly Net**  
Tuesdays at 2100 all year  
147.18 MHz 67 Hz PL  
Net Control Roster

<i>Jul</i>	<i>3</i>	<i>KD8NJW</i>
<i>Jul</i>	<i>10</i>	<i>K8OVO</i>
<i>Jul</i>	<i>17</i>	<i>WB8NQW</i>
<i>Jul</i>	<i>24</i>	<i>N1RB</i>
<i>Jul</i>	<i>31</i>	<i>KD8VWU</i>
<i>Aug</i>	<i>7</i>	<i>KD8NJW</i>

## **NEXT MEETING**

***Breakfast Meeting***

**Saturday, July 7th**

**TIME: 9:00 am**

**PLACE:**

**Frisch's Big Boy North  
N. Main St. and  
E. Poe Rd.  
Bowling Green, OH**

***10 meter Net***  
***informal group***  
***meets***

***Sunday***

***@ 20:30***

***on 28.335 MHz***

***Fusion Net***

***Thursday***

***@ 19:30***

***on 442.125 MHz***

***67 Hz PL on FM***

***discussion of all***

***things digital***



## Net Check Ins

**June 19 Traffic: 0**

**K8OVO (NCS)**  
**K8JU**  
**KD8RNO**  
**N1RB**  
**WD8LEI**  
**KE8CVA**  
**KC8EKT**  
**KG8FH**  
**WB8NQW**  
**KE8CUZ**  
**WD8JWJ**  
**K8BBK**  
**WD8ICP**  
**WD8PIC (14)**

**June 26 Traffic: 0**

**KD8NJW (NCS)**  
**K8BBK**  
**KE8CVA**  
**KG8FH**  
**WB8NQW**  
**N8VNT**  
**KD8RNO**  
**N1RB**  
**KC8EKT**  
**KD8VWU (10)**

## YLRL Preps for Convention

*from ARNewsline*

Hamfest and convention season is here once again. It's safe to say that most hams enjoy a good gathering of the tribe so they can catch up with old friends, meet new ones, enjoy some food and prowl through the swap meet looking for that one special piece of stuff that they can't live without.

Most ham radio gatherings, however, tend to be, well, guy-heavy. There is one, however, that is specifically for women hams to learn from and to help other women hams, and that is August 2018 meeting of the YLRL.

The YLRL is the Young Ladies' Radio League. The club has actually been around since 1939. It started with an ad in QST Magazine where one YL was asking, "where are all the other YL's?" The response to that ad was twelve ladies and that's what they're calling the "Founding Mothers."

The group holds a convention every three to four years at various locations around the country. The last one was in Washington State, and before that, Ohio and Alabama, and this year it's going to be in Oklahoma.

The convention is going to take place at the Sheraton Hotel in downtown Oklahoma City. At the convention they're going to have some really incredible speakers, including Ria, N2RJ - who will talk about digital modes, Andrea Slack, K2EZ will speak on roving - she's one of the top rovers. The banquet keynote speaker is Nancy Hall, KC4IYD, a research scientist with NASA who is the district representative for District 8 of the YLRL, and Carol Milazzo, KP4MD, will discuss going on a remote vacation with a DXpedition. There will also be some Elmira-ing sessions where YLs can all get together and help each other whether it's with Echolink, set-

**YLRL—from p. 6**

ting up your first HF rig, logging contacts, DMR, FT8, or how to program your radio. There will also be testing sessions.

Men can attend the convention, but they must accompany a licensed YL. The focus is primarily on YLs. So, if this all sounds fun to you, check out the convention's website at [www.ylrl-convention.org](http://www.ylrl-convention.org). ■

**FD—from p. 4**

loop antenna (although it is a lot of fun slinging the ropes through all the trees), and to rely on simple and quickly erected antennas such as dipoles, verticals and long wires.

Set up was completed by the starting gun at 2 pm, and one could hear three generators humming. The Club operated in Class 5A this year (5 separate stations on emergency power).

The following hams participated as operators: KD8NJZ, NM8W, KE8CVA, W8AN, KE8CUZ, KC8EKT and N1RB. A prospective ham named Cody also got to operate from KE8CVA's position.

At about 5 pm, the grill was fired up and a fairly large group congregated for the traditional potluck dinner. The main courses were hot dogs and pork-a-lean sandwiches.

As the evening wore on, several operators stayed overnight to try to rack up the points. As June 24th dawned, Bob, WB8NQW, fired up the grill again and lavished upon all bacon, sausage links, and pancakes—a fine breakfast indeed.

By the time noon came around on Sunday, the troops were somewhat exhausted, and it was decided to tear the antennas down and call it quits.

Many thanks to all who participated in setting up, tearing down, operating, cooking, and potluck contributors. Special mention goes to WB8NQW, who not only purchased much of the food, but did a great job as the grill master. Ruth, KC8EKT, deserves honorable mention for her contributions from her garden (both fresh and canned), as well as the pork sandwiches for the potluck. ■

## **13 Colonies Special Event Has 10th Anniversary**

*from ARRL Letter*

The annual [13 Colonies Special Event](#) will mark its 10th anniversary this year. The event gets under way on July 1 at 1300 UTC and runs through July 8 at 0400 UTC. Special event stations with 1 × 1 call signs will represent the original 13 US colonies, plus bonus stations WM3PEN in Philadelphia and GB13COL in Durham, England.

Participating stations try to contact all 13 Colony Stations plus the two bonus stations. Call signs and their respective states are K2A, New York; K2B, Virginia; K2C, Rhode Island; K2D, Connecticut; K2E, Delaware; K2F, Maryland; K2G, Georgia; K2H, Massachusetts; K2I, New Jersey; K2J, North Carolina; K2K, New Hampshire; K2L, South Carolina, and K2M, Pennsylvania. ■

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