

# CQ CHATTER

MAY 2023

VOLUME B23 • ISSUE 3

## WOOD COUNTY AMATEUR RADIO CLUB

President	KG8FH	<u>Jeff Halsey</u>
Vice President	WE8TOM	<u>Tom Leingang</u>
Secretary	N1RB	<u>Bob Boughton</u>
Treasurer	KD8NJW	<u>Jim Barnhouse</u>
Board Members	WB8NQW/KE8QGV	Bob Willman/Roger Weith

### Minutes WCARC Meeting April 10, 2023

Jeff-KG8FH presiding

**Present:** Eric-WD8LEI, Jeff-KG8FH, Rex-KC8PFP, Roger-KE8QGV, Tom-WE8TOM, Craig-NM8W, Karen-KE8TUX, Bob-WB8NQW, Bob-N1RB

**Meeting called to order:** by KG8FH at 7:30 with Pledge of Allegiance

**Minutes:** of the February meeting as published in the March issue of CQ Chatter were approved unanimously (NQW/QGV).

**Treasurer's Report:** e-mail communication from KD8NJW was presented by N1RB. Motion to approve (RB/NQW) was passed unanimously.

#### Old Business:

- Eric (LEI) presented an update on ARES activities. He is taking advantage of the Sheriff's new tower installations and his relationship with the tower installers, Amplex, to expand the number of AREDN mesh nodes. There is still some work to be done to fully incorporate the eastern and southern parts of the county, as well as (politics aside) connections to downtown Toledo. Eric also mentioned that the Newton Rd. water tower node is still awaiting City

*continued on p. 6*

## Net Check Ins-I

**Apr 4** **Traffic: 0**

**WB8NQW (NCS)**  
**KE8CVA**  
**KC8EKT**  
**KG8FH**  
**WD8LEI**  
**KD8RNO**  
**KA8VNG**  
**WE8TOM**  
**N8VNT (9)**

**Apr 11** **Traffic: 0**

**KG8FH (NCS)**  
**WE8TOM**  
**KD8DWO**  
**KE8CVA**  
**KC8EKT**  
**KD8NJW**  
**W8PSK**  
**WB8NQW**  
**KE8QGV**  
**KA8VNG**  
**KD8RNO**  
**N1RB**  
**WD8PIC (13)**

# Brain Teasers

1. What are the frequency limits of the VHF spectrum?
  - a.) 30 to 300 kHz
  - b.) 30 to 300 MHz
  - c.) 300 to 3000 kHz
  - d.) 300 to 3000 MHz
2. What is the voltage across each of two components in parallel with a voltage source ?
  - a.) it is determined by the type and value of the components
  - b.) half the source voltage
  - c.) twice the source voltage
  - d.) the same voltage as the source
3. Which term describes the rate at which electrical energy is used?
  - a.) resistance
  - b.) current
  - c.) power
  - d.) voltage

# May Contests

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

<b>May 6-7</b>	<i>1200 to 1159 Z</i>	80 m to 10 m
<b>ARI (Italy) Int'l DX 'test</b>		<b>all modes</b>
<b>May 6-7</b>	<i>1300 to 0700 Z</i>	160 m to 10 m
<b>7th Call Area QSO Party</b>		<b>all modes</b>
<b>May 6-7</b>	<i>1500 to 0300 Z</i>	160 m to 10 m
<b>Indiana QSO Party</b>		<b>all modes</b>
<b>May 6-7</b>	<i>1700 to 2359 Z</i>	160 m to 10 m
<b>Delaware QSO Party</b>		<b>all modes</b>
<b>May 6-7</b>	<i>2000 to 2359 Z</i>	80 m to 10 m
<b>New England QSO Party</b>		<b>all modes</b>
<b>May 13-14</b>	<i>1700 to 0300 Z</i>	40 m to 10 m
<b>Canadian Prairies QSO Party</b>		<b>all modes</b>
<b>May 20-21</b>	<i>1200 to 1200 Z</i>	160 m to 10 m
<b>King of Spain 'test-CW</b>		<b>CW</b>
<b>May 20-21</b>	<i>0600 to 2100 Z</i>	80 m to 10 m
<b>UN (Kazakhstan) PSK DX 'test</b>		<b>PSK</b>
<b>May 20-21</b>	<i>1400 to 0200 Z</i>	160 m to 10 m
<b>Arkansas QSO Party</b>		<b>all modes</b>
<b>May 27-28</b>	<i>0000 to 2359 Z</i>	160 m to 10 m
<b>CQ WW WPX 'test-CW</b>		<b>CW</b>

## Net Check Ins-II

**Apr 18**                      **Traffic: 0**  
**N1RB**                      **(NCS)**

**KE8CVA**  
**KC8EKT**  
**KG8FH**  
**WD8LEI**  
**KD8NJW**  
**WB8NQW**  
**W8PSK**  
**N8VNT**  
**KA8VNG**  
**KD8RNO**  
**KE8TUX**  
**WE8TOM**                      **(13)**

**Apr 25**                      **Traffic: 0**  
**KD8NJW**                      **(NCS)**

**KE8CVA**  
**KC8EKT**  
**KG8FH**  
**WD8ICP**  
**WD8LEI**  
**WB8NQW**  
**W8PSK**  
**WE8TOM**  
**N1RB**  
**KD8RNO**  
**WA8VNG**                      **(12)**

## National Voice of America Museum of Broadcasting Open during 2023 Dayton Hamvention®

*from ARRL Letter*

The National Voice of America Museum of Broadcasting, in conjunction with the West Chester Amateur Radio Association, announced their expanded hours during the 2023 Dayton Hamvention®.

The Museum will be open Thursday, May 18, from 1:00 PM to 9:00 PM; Friday, May 19, from 1:00 PM to 9:00 PM; Saturday, May 20, from 12:00 PM to 9:00 PM, and Sunday, May 21, from 12:00 PM to 5:00 PM.

Admission is \$10.00 at the door. The West Chester Amateur Radio Association, WC8VOA, will be on the air. The Museum is a short drive from the Hamvention, down Interstate 75 or Route 42 from Xenia. Use the Crosley Blvd. address on your GPS.

New exhibits include a dedicated room for amateur radio and shortwave equipment and a newly renovated ham shack with state-of-the-art equipment from Yaesu, Icom, and Elecraft. Docents and operators will be available to enhance visits to the Museum.

For further information, visit [voamuseum.org](http://voamuseum.org) or [wc8voa.org](http://wc8voa.org). You can also find the Museum on Facebook, or call 513-777-0027. The Museum's regular hours are Saturdays and Sundays from 1:00 PM to 4:00 PM, and it is located at 8070 Tylersville Road, West Chester, Ohio.

**Editor's note:** Speaking from personal experience, both N1RB and N1LB strongly recommend that Hamventioners try to make time for a visit to this fascinating Museum. As an added bonus, there is a small display of the many products that Powel Crosley (owner of WLW and developer of the VOA station)

***continued on p. 7***

Brain Teaser answers: (T) 1-b, 2-d, 3-c

## **WCARC Weekly Net**

Tuesdays at 2100 all year

147.18 MHz 67 Hz PL

### **Net Control Roster**

<i>May</i>	<i>2</i>	<i>WB8NQW</i>
<i>May</i>	<i>9</i>	<i>N1RB</i>
<i>May</i>	<i>16</i>	<i>KG8FH</i>
<i>May</i>	<i>23</i>	<i>KD8NJW</i>
<i>May</i>	<i>30</i>	<i>WB8NQW</i>
<i>Jun</i>	<i>6</i>	<i>N1RB</i>

## **NEXT MEETING**

### ***Breakfast Meeting***

**Saturday**

**May 6**

**TIME: 9:00 AM**

**PLACE:**

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

## ***10 meter Nets***

***Informal SSB group meets***

***Sunday @ 20:30 local on***

***28.335 MHz***

***Informal CW group meets***

***Tuesday @ 20:00 local on***

***28.050 MHz***

## ***Fusion Net***

***Thursday***

***@ 19:30 local***

***on 442.125 MHz***

***Wires-X Operators***

***welcome***

***Informal net***

**minutes from p. 1**

approval. Eric reported that emergency management agencies are getting more concerned about the eclipse next April. As for the local AREDN mesh network, work still needs to be done to get the PBX (telephone) system working.

- Bob (NQW) reported that W8PSK's node seems to have disappeared over the past few weeks. He suggested that perhaps the mesh firmware drops it from the connections because it may be weaker than nearby competitor nodes. He will try to look into it in the near future.
- Jeff invited all who are interested to operate or even just listen in to the weekly CW net. It meets every Tuesday at 8:00 pm on 28.050 MHz.
- Bob (NQW) reported that the equipment shelf for radio shack at SR-6 and I-75 has been purchased. He will try to organize an installation group on some Saturday in the near future.

**New Business:**

- Bob (RB) reported that since the Club's amateur license is up for renewal on January 1, 2024, he is looking for a Club member who might be interested in taking over the Trusteeship. He outlined the duties of the position, which include maintaining the operation of the

repeaters in Offenhauer West (with the assistance of the Technical Committee) and renewing the repeater coordination each year. Anyone who is interested should contact N1RB at: [boughton@bgsu.edu](mailto:boughton@bgsu.edu).

- Jeff brought up the need to begin to make plans for Field Day. Needed are persons to cover food for Saturday evening, antennas, and equipment. Bob (NQW) will bring the ARES trailer plus generator to the event, and Eric (LEI) said that he is again making all ARES resources available for the event.
- On a more whimsical note, Bob (NQW) recounted a YouTube video about stringing an antenna from a kite. He said this would be a good way for K8TIH to operate on 160 meters. Discussion ensued about various ways to load up different metal objects.
- Roger (QGV) asked about what kind of cameras were in use for AREDN. Jeff mentioned that he is using the same kind as W8PSK, but didn't remember the exact model. Eric (LEI) mentioned that he is using an Amcrest camera on the County Home Road tower.
- Tom (TOM) asked whether there was any interest in participating in the NVIS activity day on April 22. Discussion centered on locating the antenna and finding a location. *continued on p. 7*

# May Hamfests

**May 7 Lucas County ARES** swap fest. Toledo speedway Racetrack, Toledo, OH.  
web: [www.lucasaes.org](http://www.lucasaes.org)

**May 19-21 Dayton Hamvention.** Greene County Fairgrounds, Xenia, OH.  
web: [www.hamvention.org](http://www.hamvention.org)

## *minutes from p. 6*

- Rex (PFP) and Bob (NQW) reported that around a dozen Club brochures were distributed at the TMRA hamfest.

**Adjournment:** at 8:35 PM (NQW/W). ■

## *VOA from p. 1*

produced. These include TVs and radios, refrigerators and other appliances, and automobiles. The tour guides are excellent and certainly well versed in the history of this impressive radio station. ■

## **Vacuum Tube-making on the Comeback in the US**

*from ARNewsline*

American-made vacuum tubes are poised to make a comeback onto the market this summer. As the rising cost of vacuum tubes manufactured mostly in China and Russia increasingly cramps audiophiles, musicians and others seeking a particular audio quality, one factory in the US southeast is preparing to bring tube manufacturing back home.

With assembly line workers getting down to business inside his Western Electric plant in Rossville, Georgia, entrepreneur Charles Whitener expects to restore American-made vacuum tubes to the worldwide market in just a few months. According to reports on such websites as [wired.com](http://wired.com) and [audioexpress.com](http://audioexpress.com), Whitener's goal is to resume production of the single-ended triode tube known as the 300B, a design that dates back to 1938. His plant, known as the Rossville Works, is home to the Western Electric vacuum tube brand which Whitener bought in 1995 from AT&T.

This summer, he expects to introduce a reimagined version of the audio vacuum tube known as the 12AX7, a dual triode tube commonly found in amplifiers for guitars. According to [wired.com](http://wired.com), it will be the first US-made tube in decades and it is expected to be followed by numerous other US-made models. The wired.com report said: "If all goes to plan, the US could once again dominate vacuum tube manufacturing." ■

**FOR SALE:  
MFJ-998 Legal Limit Autotuner**

NEVER Used (Hooked up once)

**Asking:** \$500.00

**Contact:** [jhalsey@woh.rr.com](mailto:jhalsey@woh.rr.com)

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WOOD COUNTY ARC  
P.O. BOX 534  
BOWLING GREEN, OH  
43402

