

# CQ CHATTER

VOLUME B9 • Issue #4 WOOD COUNTY AMATEUR RADIO CLUB

MAY 2008

P.O. BOX 534, Bowling Green, OH

<http://wcarc.bgsu.edu>

President/Vice President  
Secretary  
Treasurer

K8OVO/K8NEA  
N1RB  
WD8JWJ

Don Buehrer/Duane Ashbaucher  
Bob Boughton  
Bill Wilkins

## *Minutes*

### Wood County Amateur Radio Club

April 14, 2008

**PRESENT:** Loren-W8PSK, George-W8GGS, Hoot-WB8VUL, Bob-N1RB, Mark-K8LD, Jim-K8JU, Chuck-WD8ICP, Bob-WB8NQW, Steve-K8BBK, Bill-WD8JWJ, John-K8RZP, Duane-K8NEA, Don-K8OVO, Wil-KC8IFW, John-N8MSU

Don, K8OVO, called the meeting to order at 7:35. The minutes as published in March CQ Chatter were approved. The Treasurer's report was approved without correction.

#### **Old Business:**

- Phil, W8PSK, brought up the lifetime membership proposal for K8JU for the second reading as specified in the By-laws. After a short discussion, the motion was unanimously approved by voice vote.
- Phil suggested that the Club proffer a letter of thanks to Larry Scott, WB8NLS, of Toledo, who brought his service monitor along to aid the Technical Committee in tweaking the audio on the repeaters. All agreed that the two

## **WCARC Weekly Net:**

**Tuesdays at 2130**

**147.18 & 444.475 MHz**

*Next Meeting*

*Breakfast*

**SATURDAY, MAY 3rd**

**TIME: 9:00 am**

**PLACE: Couzin's Restaurant**

**Grand Rapids, OH**

machines both sounded good and were well balanced. Phil mentioned that he had given Larry a \$30 gift certificate and the Club could choose to repay him for it.

- Bob, WB8NQW, moved and Chuck, WD8ICP, seconded a motion to send a letter of thanks as well as to reimburse Phil for the gift certificate expense. After a short discussion, the motion was passed unanimously by voice vote.

#### **New Business:**

- Don, K8OVO, brought up the question of the Club's participation in Field Day this

# Net Check Ins

## April 1

K8OVO (NC)  
N8QMV  
W8PSK  
K8BBK  
K8NEA  
WB8NQW  
KG8FH  
WD8ICP (8)

## April 15

N8QMV (NC)  
K8OVO  
K8BBK  
WB8NQW  
W8QZK  
KC8EKT (6)

## April 22

WB8NQW (NC)  
K8BBK  
W8PSK  
K8OVO  
K8NEA  
WB8VUL  
KG8FH  
N1RB  
WD8JWJ  
KC8EKT  
WD8PIC  
WD8ICP  
N8QMV  
KD8GZX  
K8JU (15)

# WCARC

## 2 m/ 70 cm Net Control Roster

Net meets every Tuesday at 2130

Apr	22	WB8NQW
Apr	29	N1RB
May	6	K8OVO
May	13	WD8ICP
May	20	N8QMV
May	27	WB8NQW
Jun	3	N1RB
Jun	10	K8OVO

## Brain Teasers

1. How do VHF and UHF radio waves usually travel from a transmitting antenna to a receiving antenna?
  - a.) they bend through the ionosphere
  - b.) they go in a straight line
  - c.) they wander in any direction
  - d.) they move in a circle going east or west from the transmitter
2. What is a skip zone?
  - a.) an area covered by ground wave propagation
  - b.) an area covered by sky wave propagation
  - c.) an area that is too far away for ground wave propagation, but too close for sky wave propagation
  - d.) an area that is too far away for ground wave or sky wave propagation
3. Why do exposure limits vary with frequency?
  - a.) low frequency rf have more energy than high frequencies
  - b.) low frequency rf penetrates more deeply into the body
  - c.) the body's ability to absorb rf varies with frequency
  - d.) it is impossible to measure specific exposure at some frequencies

## May Hamfests

May 11 Bucyrus Hamfest  
and Computer Show by  
Bucyrus ARC

Crawford County Fair-  
grounds, Bucyrus, OH

Contact: Ken, W8DZN

(419)834-0887

[w8dzn@arrl.net](mailto:w8dzn@arrl.net)

**Don't miss the Granddaddy  
of them all**

May 16-18 Dayton Ham-  
vention by Dayton ARA

Hara Arena, Trotwood, OH

Contact:

[info@hamvention.org](mailto:info@hamvention.org)

[www.hamvention.org](http://www.hamvention.org)

Jun 7 Fulton Co. Hamfest  
by Fulton County ARC

Roth Family Park, Tedrow,

OH Contact: Angela,

KB2AVN (419) 822-4382

[lindsayinf](mailto:lindsayinf)

[@fulton-net.com](mailto:@fulton-net.com)

[www.k8bxq.org](http://www.k8bxq.org)

## 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.

**May 3-4** 1600 to 0400 Z 160 m to 10 m

**Indiana QSO Party** **all modes**

**May 3-4** 2000 to 1959 Z 160 m to 10 m

**ARI (Italy) DX 'test** **all modes**

**May 3-4** 2000 to 2400 Z 80 m to 10 m

**New England QSO Party** **all modes**

**May 3-4** 1300 to 0700 Z 160 m to 10 m

**7th Area QSO Party** **all modes**

**May 9-11** 2300 to 2300 Z 160 m to 10 m

**Nevada QSO Party** **all modes**

**May 10-11** 1200 to 1159 Z 160 m to 10m

**CQ-Mir (Russia) 'test** **all modes**

**May 10-11** 1600 to 0400 Z 160 m to 10 m

**Mid Atlantic QSO Party** **all modes**

**May 17-18** 2100 to 0200 Z 80 m

**Baltic 'test** **all modes**

**May 17-18** 0000 to 2400 Z 80 m to 10 m

**EU PSK 'test** **PSK31**

**May 17-18** 1500 to 2359 Z 80m to 10m

**All America 'test** **CW**

**May 17-18** 1200 to 1200 Z 160 m to 10 m

**King of Spain 'test** **CW**

**May 24-25** 0000 to 2359 Z 80 m to 10 m

**CQ WW WPX** **CW**

*minutes---continued*

year, and whether or not we want to join in with the Findlay Club again this year.

Steve, K8BBK, offered to contact them to see if there was any interest.

Bill, WD8JWJ, mentioned that there was not much interaction besides the meals which were done very well by the cook.

Steve suggested that we might consider joint activity with Findlay in alternate years.

Phil, W8PSK, remarked that the Field Day efforts at the Wood Co. Historical Society were fun with many trees for antennas, etc.

Bob, WB8NQW, is on the WCHS Board and will bring up the granting of permission at the next Board meeting.

- Chuck, WD8ICP, announced that the repeater reports that it is on emergency power when the battery back-up is in service. This occurs during ID.
- Phil reported that the benefit supper for KC8UMN netted \$6,000. Bret is undergoing chemotherapy at the National Cancer Center in Philadelphia.
- John, K8RZP, reported on his bout with cancer and received good wishes for a swift recovery from all present.
- John, N8MSU, announced that he should be informed whenever the APRS digipeater goes down so he can reset it.

- Steve reported that both the HF and VHF/UHF antennas installed at the Sheriff's Office are back in operation after he and Phil repaired them.
- Bob, WB8NQW, reported that he is on the WC Fair Board agenda for next meeting in order to explore the possibility that the Club might regain the old clubroom space that was occupied previously.

Meeting adjourned at 8:25 pm.

Steve, Phil and Don all participated in a demonstration of the Digital Voice Interface, a device that digitizes the audio and suitably modulates a SSB signal on the HF bands. ■

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## ***Dayton Hamvention Forum Line Up***

*from ARRL Bulletin*

One of the many highlights at Dayton Hamvention is the myriad of educational and fun forums that take place the entire weekend at Hara Arena. The Dayton Amateur Radio Association has coordinated 46 unique programs that encompass nearly 80 hours of programs and activities for the thousands of people expected to attend these programs. Hamvention, the largest event of its kind, will be May 16-18 at Hara Arena in Dayton Ohio. Please keep in mind that the schedule may change before Hamvention.

### **Friday, May 16**

9:15-10:45 AM - TAPR Digital Forum (Room 1)

9:15-10:15 AM - ARRL Public Relations -- Making It Work for You Locally (Room 2)

9:15-10:15 AM - Lightning Protection for the Shack (Room 3)

***forums---continued***

- 9:15-10:15 AM - National Frequency Coordinators Council (Room 5)  
10:30-11:30 AM -ARRL Member Forum (Room 2)  
10:30-11:30 AM - Teachers Workshop (Room 3)  
10:30-11:30 AM - SATERN -- Salvation Army Team Emergency Network (Room 5)  
11 AM-1 PM - D-STAR Forum (Room 1)  
11:45 AM-1 PM - Kit Building (Room 2)  
11:45 AM-12:45 PM - The Evolution of the National Traffic System (Room 3)  
11:45 AM-12:45 PM - SHARES Forum (Room 5)  
1:15-2:15 PM - Balloon Forum (Room 1)  
1:15-2:15 PM - APRS - Automatic Position Reporting System (Room 2)  
1-2:30 PM - Ham Radio and the Law (Room 3)  
1-2 PM - QRP Forum (Room 5)  
2:15-3:15 - Young Ladies Radio League (Room 5)  
2:30-3:45 PM - Drake Forum (Room 2)  
2:45-3:45 - Gordon West -- Digital Signal Processing Speakers (Room 3)  
3:30-5 PM - Test Equipment for Hams (Room 5)  
4-5 PM - Amplitude Modulation Forum (Room 2)  
4-5 PM - 10-10 International Forum (Room 3)

**Saturday, May 17**

- 9-10 AM - How Ham Radio Meets Boy Scouts, or Adventures with Elmer Baden-Powell (Room 2)  
9-10 AM - MARS Tri-Service Forum (Room 3)  
9-11:30 AM - Software Defined Radio Forum (Room 1)  
9-11:30 AM - AMSAT Forum (Room 5)  
10:15-11:15 - Don't Tell Me It Can't Be Done! (Room 2)  
10:15-11:15 AM - ARES Forum (Room 3)  
11:30 AM-12:15 PM - ARRL Radiosport Forum (Room 2)  
11:30 AM-1:45 PM - 2008 Ham Radio Town Meeting (Room 3)  
11:45 AM-1:45 PM - ATV (Fast Scan Amateur Television) Forum (Room 5)  
11:45 AM-2:15 PM - Contesting Forum (Room 1)  
12:30-1:30 PM - RTTY Forum (Room 2)  
1:45-2:45 PM - MIDCARS (Room 2)  
2-3 PM - ARRL Technology Task Force (Room 5)  
2-3:15 - FCC Forum with Riley Hollingsworth (Room 3)  
2:30-5 PM - DX Forum (Room 1)

***forums---continued***

3-5 PM - UHF/VHF/Microwave Forum (Room 2)

3:15-5 PM - Youth in Amateur Radio Forum (Room 5)

3:30-5 PM - SSTV Forum (Room 3)

**Sunday, May 18**

9:15-10:15 AM - ARRL and the Mars Desert Research Station (Room 1)

9:15-10:15 AM - Collins Radio Forum (Room 2)

9:15-10:15 - The Role of Ham Radio in Red Cross Chapter Communications (Room 3)

9:30-11:15 AM - Bicycle Mobile Forum (Room 5)

10:30-11:30 - ARRL Digital Forum (Room 1)

10:30-11:30 AM - Techniques of the Best Operators (Room 2)

10:30-11:30 AM - Ohio MARS Forum (Room 3)

For more information on forums at the 2008 Dayton Hamvention, visit the Dayton Hamvention Web site <<http://www.hamvention.org/hv2008/forums/index.html>>. ■

***HAM WORKING ON CANCER  
CURE FEATURED ON 60  
MINUTES***

***excerpted from Amateur Radio Newsline***

A ham who has deeply involved himself in finding a cure for cancer was featured on the Sunday, April 13th edition of the CBS news program 60 Minutes. Bill Pasternak, WA6ITF, watched the segment and has more: John Kanzius, K3TUP, of Erie, Pennsylvania, has been working on an rf-based treatment for cancer that is currently undergoing testing. Kanzius says he was motivated to find a cancer cure after witnessing the pained expressions of children suffering from the disease and undergoing chemotherapy. This at a time when he too was undergoing the same treatment for Leukemia.

Determined that there had to be a better alternative he believed that radio held the key. Knowing that rf can heat metal, K3TUP reasoned that a tumor injected with something metallic could be destroyed without harm to the rest of a patient's body. The answer to the need for an injectable metal came in the form of recently developed carbon and gold nano-particles that can be in-

troduced directly into a tumor and then radiated with a machine that K3TUP designed and built. Initial experiments on lab animals have proved promise in the system but many more trials are needed before the treatment can be tried on humans.

Cancer researchers interviewed on the program said that they are very excited about John Kanzius' discoveries. No research dollars are now flowing into a pair of studies on animals. This, in the hope of refining the system to where it can not just also destroy localized tumor but also to keep the cancer cells from spreading to other parts of the body. Much of the 60 minutes report was dedicated to this ongoing work.

John Kanzius, K3TUP, says he hopes it happens in his lifetime. You can see the segment of 60 minutes in its entirety at:

[http://www.cbsnews.com/stories/2008/...r=HOME\\_4006951](http://www.cbsnews.com/stories/2008/...r=HOME_4006951)

You can read more about John Kanzius, K3TUP, and his ground-breaking idea to kill cancer cells with radio in the February 2008 issue of QST Magazine. (ARNewsline™ from various sources) ■

The Portage County Amateur Radio Service, Inc. (PCARS)  
announces the *first*

# Ohio State Parks On The Air

Type to enter text  
*Thanks to Rex, KC8PFP, for  
his generous contribution*

2008

## Ohio State Parks On The Air contest

Saturday, September 6, 2008, from 1600 UTC to 2400 UTC

There are **73** Ohio State Parks

Make a day of it and join us in the **FUN!**

*A special entry allows clubs compete to see which club activated the  
greatest number of Ohio State Parks*



Visit a beautiful Ohio State Park and have  
some Amateur Radio Fun at the same time!



**Rules? Entry Forms? Log Sheets? Ohio State Park Information?**

Check out all the details at: <http://parks.portcars.org>

While you're at it, check out the PCARS web site at: [www.portcars.org](http://www.portcars.org)

***Thanks to Rex, KC8PFP, for  
his generous contribution  
toward the operation of the***

***DON'T FORGET!  
10 meter informal net meets each  
Sunday at 2030 on 28.335 MHz***

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

