

# CQ CHATTER

VOLUME B11 • Issue #3 WOOD COUNTY AMATEUR RADIO CLUB

APRIL 2010

P.O. BOX 534, Bowling Green, OH

<http://wcarc.bgsu.edu>

President	WB8NQW	Bob Willman
Vice President	K8NEA	Duane Ashbaucher
Secretary	N1RB	Bob Boughton
Treasurer	WD8JWJ	Bill Wilkins

## Letter from the President

The breakfast at Edgewood last month went well. I don't know when Couzin's will be open again. Check the Tuesday net and the next CQ Chatter.

A sure sign that spring is not too far away is the TMRA ham fest. I liked the new venue at Owens, saw several Wood County hams there and even made a couple of minor purchases.

Congratulations to new ham Craig Magrum - KD8NJZ. He just got his general ticket and joined WCARC. He and XYL Gayle live in BG near the fairgrounds.

Hoot - WB8VUL will present the program in April. He will talk about navigation before the days of GPS. We are still accepting suggestions for future programs.

So far no one has volunteered to be the Fox for the June meeting.

The next meeting will be at the Wood County Sheriff's meeting room

**WCARC Weekly Net:  
Tuesdays at 2130 EDST  
(0130 Z Wed year-round)  
147.18 MHz 67 Hz PL**

***Next Meeting  
Business Meeting***

**MONDAY April 12th**

**TIME: 7:30 pm/7:00 pm eyeball**

**PLACE: Sheriff's Training Room  
Gypsy Lane and Dunbridge Rds.,  
Bowling Green**

on April 12 at 7:30 PM - with eyeball QSOs at 7:00 PM. See you there.

73

Bob WB8NQW

***EMERGING TECHNOLOGY:  
NEW FORMAT OF HARD DRIVE STORAGE  
COMING IN 2011***

By early 2011 all magnetic hard drives will use an advanced format that changes how they go about saving the data people store on them. The move to the advanced

***continued on p. 5***

## Net Check Ins

Mar 3

N1RB (NC)

K8BBK

WD8JWJ

WB8NQW

WB8VUL

K8OVO

K8NEA

KC8EKT

N8QMV (9)

MAR 10

N8QMV (NC)

K8BBK

K8OVO (3)

Mar 16

WB8NQW (NC)

K8BBK

N1RB

K8NEA

WB8VUL

K8OVO

WD8JWJ

N8DJB (8)

Mar 23

K8OVO (NC)

N8QMV

K8BBK

WB8NQW,

WD8JWJ

K8NEA

KB8JHN

KC8NKC

N8CLH/M

N1RIM.

## WCARC

### 2 m Net Control Roster

Net meets every Tuesday at

2030 EST/0130 Z

Mar 30

K8OVO

Apr 6

N8QMV

Apr 13

WB8NQW

Apr 20

N1RB

Apr 27

K8OVO

May 4

N8QMV

May 11

WB8NQW

## Brain Teasers

1. What causes VHF radio waves to be propagated several hundred miles over oceans?

- a.) a polar air mass
- b.) a widespread temperature inversion
- c.) an overcast of cirri form clouds
- d.) a high pressure area

2. If an amateur repeatedly transmits on a frequency already occupied by a group of amateurs in a net operation, what type of interference is it called?

- a.) break-in
- b.) harmful or malicious
- c.) incidental
- d.) intermittent

3. What is the minimum voltage that is usually dangerous to humans?

- a.) 30 V
- b.) 100 V
- c.) 1000 V
- d.) 2000 V

# *April Contests*

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

<b>Apr 3-4</b>	<i>1500 to 1500 Z</i>	160 m to 10 m
<b>SP (Poland) DX 'test</b>		<b>all modes</b>
<b>Apr 3-4</b>	<i>1600 to 1600 Z</i>	80 m to 10 m
<b>EA (Spain) RTTY 'test</b>		<b>RTTY</b>
<b>Apr 3-5</b>	<i>1800 to 2359 Z</i>	160 m to 10 m
<b>Missouri QSO Party</b>		<b>all modes</b>
<b>Apr 9-11</b>	<i>0000 to 0000 Z</i>	160 m to 10 m
<b>Montana QSO Party</b>		<b>all modes</b>
<b>Apr 10-11</b>	<i>0700 to 1300 Z</i>	160 m to 10 m
<b>Japan Int'l DX 'test</b>		<b>CW</b>
<b>Apr 10-11</b>	<i>1800 to 2359 Z</i>	160 m to 10 m
<b>Georgia QSO Party</b>		<b>all modes</b>
<b>Apr 16-17</b>	<i>2100 to 2100 Z</i>	80 m to 10 m
<b>Holyland DX 'test</b>		<b>all modes</b>
<b>Apr 17-18</b>	<i>1600 to 0400 Z</i>	80 m to 10 m
<b>Michigan QSO Party</b>		<b>all modes</b>
<b>Apr 17-18</b>	<i>1800 to 1800 Z</i>	160 m to 10 m
<b>Ontario QSO Party</b>		<b>all modes</b>
<b>Apr 17-18</b>	<i>2100 to 2100 Z</i>	160 m to 10 m
<b>YU (Serbia) DX 'test</b>		<b>CW</b>
<b>Apr 18</b>	<i>1800 to 2359 Z</i>	80 m to 10 m
<b>ARRL Rookie Roundup</b>		<b>SSB</b>

<b>Apr 24-25</b>	<i>1300 to 1259 Z</i>	160 m to 10 m
<b>Helvetia (Switzerland) DX 'test</b>		<b>all modes</b>
<b>Apr 24-25</b>	<i>1600 to 2159 Z</i>	40 m to 10 m
<b>Florida QSO Party</b>		<b>all modes</b>
<b>Apr 24-25</b>	<i>1700 to 1700 Z</i>	160 m to 10 m
<b>Nebraska QSO Party</b>		<b>all modes</b>
<b>Apr 24-25</b>	<i>1200 to 1200 Z</i>	80 m to 10 m
<b>SP (Poland) DX RTTY 'test</b>		<b>RTTY</b>

## April Hamfests

**Apr 17 Milford ARC.** Milford Hamfest, Milford H. S, Milford, MI. Contact Rose, KC8NQJ (810) 632-5174.

web: <http://www.qsl.net/w8ydk>

**Apr 18 Cuyahoga Falls ARC.** Annual Hamfest. Emidio & Sons Party Center, Cuyahoga Falls, OH. Contact Ted, W8TTS (330) 688-2013.

e-mail: [w8tts@w8tts.com](mailto:w8tts@w8tts.com)

web: <http://www.cfarc.org/hamfest2010.html>

### ***It's Time to Renew!***

The first of the year brings with it a reminder to all members to renew your membership: The dues are: Senior/Student = \$10.00, Regular = \$15.00, Family = \$20.00.

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

format will make it easier for hard drive makers to produce bigger drives that use less power and are more reliable. However, it might also mean problems for Windows XP users who swap an old drive for one using the changed format.

According to Science On-Line, since the days of the original DOS operating system, the space on a hard drive has been formatted into blocks 512 bytes in size based on the floppy disks of that era. Each 512 byte sector has a marker showing where it begins and an area dedicated to storing error correction codes. In addition a tiny gap has to be left between each sector.

While 512 bytes made sense hard drives were only a few megabytes in size, its of less significance when drives can hold a terabyte or more of data. As a result, in large drives this wasted space where data cannot be stored can take up a significant proportion of the drive.

Drive makers say that moving to an advanced format of 4 kilobyte sectors means about eight times less wasted space. This will allow drives to devote twice as much space per block to error correction technology.

Through the International Disk Drive Equipment and Materials Association all hard drive makers have committed to adopting the 4 Kilobyte advanced format by the end of January 2011. These manufacturers same have begun an education and awareness campaign to let people know about the introduction of

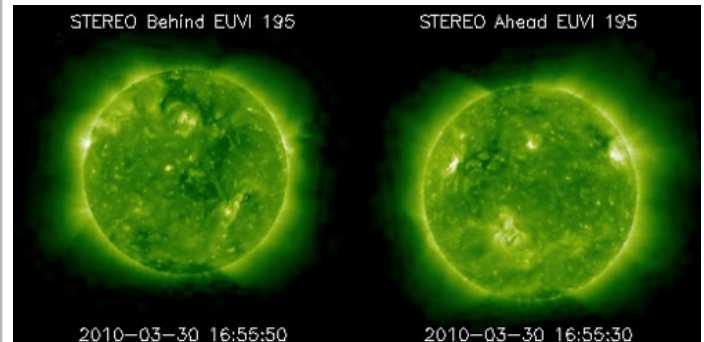
the news advanced format. Also, to warn about the problems it could cause for users of older operating systems such as Windows XP or ME. This is because Windows XP, ME, 2000 and the like were all released well before the new 4 kilobyte format was decided on. ■

*from Science OnLine and AR Newsline*

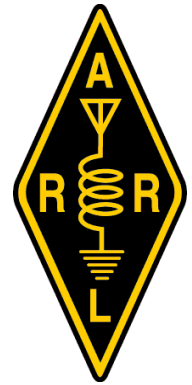
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## **The Other Side of the Sun**

Did you ever wish you could take a peek behind the Sun. Hams have always wanted to do this so that they could see if there were any sunspots coming. Well, over the past several years, NASA has launched a system of satellites that are further ahead and behind the Earth in its orbit around the Sun. The system is called STEREO.



The image above shows the behind and ahead shots of the Sun for March 30th. Go to <http://stereo.gsfc.nasa.gov/> to see a full rotating image of the Sun as it turns. The total area visible with STEREO is over 70%. This system lets you predict whether there will be a high or a low sunspot period coming up in the next few days. For a description of the STEREO system, go to the home page: <http://sohowww.nascom.nasa.gov/> ■



# U.S. Freshwater Island On The Air

Grid EN81



Lat: 41.716715  
Long: 82.816576

## Massillon Amateur Radio Club - Massillon, OH

### BANDS / FREQUENCIES

#### PHONE:

7.250 mhz  
14.250 mhz – 14.260 mhz  
28.450 mhz

**Note: 14.260 be reserved for and given way to IOTA operations.**

#### CW:

3.530 mhz  
7.025 mhz ( may need to scan the band to find the frequency in use.)  
14.040 mhz  
21.040 mhz

On July 23, 2010 the Massillon Amateur Radio Club will depart on their first expedition that will take them to North Bass Island. MARC will setup world wide radio communications and attempt to qualify this island for U.S. Islands Award Program. This expedition will coincide with I.O.T.A (Saltwater Islands). North Bass Island will be the home for some 15 amateur operators who will on July 24, 2010 begin on-the-air operations commencing at 1200 UTC until July 25, 2010 1600 UTC. During this period they will attempt to make as many world wide contacts on many frequencies and modes.

North Bass Island is located on Lake Erie, north of Port Clinton, OH and 8 nautical miles from the Canadian border. Without the generosity and hospitality of the islanders this event would not be possible.

If you would like to make a donation to help defray costs, please make checks payable to 'M.A.R.C.' or Massillon Amateur Radio Club. Mail to: WD8MBE (Tom) 235 Leonard Ave NW, Massillon, Ohio 44646. Thank You

# *Letter of Interest to All from KE0EG*

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The North American Center for  
Emergency Communications, (NACEC)

March 24, 2010

Dear Robert I Boughton,

I read on the ARRL website that you are the contact person for the Wood County Amateur Club . I also noticed that many of the email addresses and names provided on the ARRL website for club contacts either do not match or are duplicated for more than one club. If this information gets to you and you are no longer the contact person for your club, would you please forward this email on to the correct person.

I am the Executive Director of The North American Center for Emergency Communications, Inc. (NACEC), a non-profit emergency communications organization, which is still based in Minnesota. This organization has been more or less dormant for about the last 10 years, but it is currently in the process of becoming very active. The mission of our organization, founded in 1992, was refocused in January 2010 to provide commercial communication support to large scale disaster areas here in the US and around the globe. We will accomplish this by providing field teams which will include commercial communications technicians who hold an FCC GROL or equivalent license and at least 5 years of experience. The field team will be equipped so they can provide commercial radio and digital communications systems to meet the immediate communications needs of the aid and relief organizations and agencies serving within the disaster area. The field team technicians, if needed, will also provide their technical skills to assist in bringing local communications systems back online. We expect this last item will be used more in developing countries.

From time to time during large disasters our field team technicians may benefit from the assistance of volunteers from the amateur radio community. We are looking for volunteers from the amateur radio community first because it is made up of individuals whose professions vary widely, from doctors and attorneys to auto mechanics and retired lumberjacks, yet who have many things in common with our commercial communications technicians and this organization. They share an interest in communications, electronics and a desire to be of service to others!

Can you bring our need for volunteers to the attention of your club's members? I have set up a special volunteer application form for use only by licensed amateur radio operators who wish to volunteer their time and skills to help our technicians bring communications back into large scale disaster areas. This application can be found at [www.nacec.org/vol\\_app\\_ars.php](http://www.nacec.org/vol_app_ars.php).

As we expand our organization and its capabilities, we hope that you and your club members will follow our progress and take an active role in our success. You can also follow us online if you wish. You will find links to our Twitter, Facebook, and email following accounts on the lower left-hand side of most pages on our website, [www.nacec.org](http://www.nacec.org).

Should you have any questions I hope that you will contact me directly.

73

Edward Addy KE0EG, Executive Director  
North American Center For Emergency Communications, (NACEC)  
P.O. Box 174  
Aurora, MN 55705

Ph: 218-305-4100  
Web: [www.nacec.org](http://www.nacec.org)

Brain Teaser answers: 1-b, 2-b, 3-a

**WOOD COUNTY ARC  
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