

# CQ CHATTER

VOLUME 13 • Issue #9

WOOD COUNTY AMATEUR RADIO CLUB

OCTOBER 2012

P.O. BOX 534, Bowling Green, OH

<http://wcarc.bgsu.edu>

President	NM8W	Craig Magrum
Vice President	WB8NQW	Bob Willman
Secretary	N1RB	Bob Boughton
Treasurer	WD8JWJ	Bill Wilkins

## Letter from the President

*October 2012*

Fall is officially here, which means the weather will be getting colder gradually, which in turn means we have more of an excuse to stay in our radio shacks and make sure our antennas and radios have RF left in them. Hi hi!

This past month we enjoyed a Club breakfast at Big Boy's on Poe and Main in BG (if you haven't joined us yet, please come for the next one!), and had an equally enjoyable Club Project Night in which we built Tape Measure Receiving Yagis to use during our next Foxhunt (see elsewhere in the newsletter for details on that.) Thanks to N1RB, Bob, for providing the plans and a physical example to look at as we worked on this very simple, fun radio related project.

I would like to request volunteers for a Nominating Committee, in order to nominate some candidates

**WCARC Weekly Net:  
Tuesdays at 2130 EDST  
(0130 Z year-round)**

**147.18 MHz 67 Hz PL**

***Business Meeting***

**Monday, October 8th**

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

**PLACE: Sheriff's Training Room  
Dunbridge Rd. & E. Gypsy Lane  
Bowling Green, OH**

for various Club Officer positions that will be up for re-election come the end of the year. A nomination for President will be needed, as I do not intend to run for office again next year. As much as I love the Club and would like to help it grow, my new job has me putting in longer hours than I have worked before. I also need to spend time with my family, and those two things come before my involvement in the hobby of Amateur Radio. I apologize to you all for not being as

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## Net Check Ins

**Sep 11**  
WB8NQW (NC)  
W8PSK  
WD8JWJ  
WB8VUL  
WB8ABY  
N1RB  
KG8FH  
KD8PCQ  
KD8RNO  
N8PYA  
K3RC  
K8OVO  
N8YAE  
KC8EKT  
KD8RSS (15)

**Sep 18**  
K8OVO (NC)  
WD8JWJ  
WB8NQW  
W8PSK  
WB8ABY  
KB8RNO  
KD8FH  
KD8RBT  
N8YAE (9)

**Sep 25**  
NM8W (NC)  
WD8JWJ  
KD8SKE  
WB8NQW  
KD8RNO  
N8YAE  
W8PSK  
WB8ABY  
N1RB (9)

## WCARC

### 2 m Net Control Roster

Net meets every Tuesday at  
2130 EDST/2030 EST\*/0130 Z

Oct	2	K8OVO
Oct	9	N8YAE
Oct	16	WB8NQW
Oct	23	N1RB
Oct	30	NM8W
Nov	6*	K8OVO
Nov	13*	N8YAE

## Brain Teasers

1. What is the Q of a parallel RLC circuit if the resonant frequency is 14.128 MHz, L is 2.7 micro-henrys and R is 18 kilohms?  
a.) 7.1                                      b.) 7.51  
c.) 71.5                                      d.) 0.013
2. What type of linear regulator is used in applications requiring efficient utilization of the primary power source?  
a.) constant current source    b.) series regulator  
c.) shunt regulator                      d.) shunt current source
3. What is the maximum mean power permitted for any spurious emission from a transmitter or external RF power amplifier transmitting below 30 MHz?  
a.) 50 mW                                      b.) 100 mW  
c.) 10 mW                                      d.) 10 W

## October Contests

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

<b>Oct 6</b>	<i>0000 to 2359 Z</i>	80 m to 10 m
<b>Worked All Provinces (China)</b>		<b>all modes</b>
<b>Oct 6-7</b>	<i>0800 to 0800 Z</i>	160 m to 10 m
<b>Oceania phone DX 'test</b>		<b>SSB</b>
<b>Oct 6-7</b>	<i>1200 to 1200 Z</i>	20 m to 10 m
<b>Worked All Britain 'test</b>		<b>SSB</b>
<b>Oct 6-7</b>	<i>1600 to 2200 Z</i>	160 m to 10 m
<b>California QSO Party</b>		<b>all modes</b>
<b>Oct 13-14</b>	<i>0800 to 0800 Z</i>	160 m to 10 m
<b>Oceania CW DX 'test</b>		<b>CW</b>
<b>Oct 13-14</b>	<i>1600 to 0600; 1400 to 2359 Z</i>	80 m to 10 m
<b>Arizona QSO Party</b>		<b>all modes</b>
<b>Oct 13-14</b>	<i>1600 to 0500; 1300 to 2200 Z</i>	160 m to 10 m
<b>Pennsylvania QSO Party</b>		<b>all modes</b>
<b>Oct 20</b>	<i>1400 to 2300 Z</i>	160 m to 10 m
<b>Iowa QSO Party</b>		<b>all modes</b>
<b>Oct 20-21</b>	<i>1400 to 0200 Z</i>	160 m to 10 m
<b>New York QSO Party</b>		<b>all modes</b>
<b>Oct 21-22</b>	<i>1700 to 0100 Z</i>	160 m to 10 m
<b>Illinois QSO Party</b>		<b>all modes</b>
<b>Oct 27-28</b>	<i>0000 to 2359 Z</i>	160 m to 10 m
<b>CQ WW SSB 'test</b>		<b>SSB</b>

## Ohio Antenna Law in Effect

August 15 was the "effective date" for H.B. 158, the day it became law in Ohio. Some of you have had antenna projects on hold, waiting for the new law to become effective. Before you start digging the foundation for that new tower, let's review the basics. First, H.B. 158 (the Bill) does not affect other types of land use restrictions, such as those imposed by deed restrictions, condominium agreements and neighborhood agreements. Those types of restrictions arose by agreement when you purchased your home. Second, the Bill does not exempt you from the local application and approval process if it would otherwise have applied to your antenna project. In short, if a construction permit would have been necessary before the Bill, it is still necessary. If a zoning variance would have been necessary before the Bill, it is still necessary, and you are still required to go through the application and approval process.

What has changed is the degree of deference that you, as an amateur radio operator, are entitled to receive when your application is considered by the local zoning authorities. The Bill states, in part, that the local zoning authority "...shall not restrict the height or location of amateur station antenna structures in such a way as to prevent effective

amateur radio service communications..." Other provisions similarly require that local authorities provide "reasonable accommodation" to applications for antenna structures.

With that in mind, here are ten things to consider as you begin using the new legislation:

1. Good relations with your neighbors, including their support for your antenna application, is the best asset you can have,

2. Make sure that your paperwork included all of the requested information, is in the proper format and filed properly – don't provide an excuse to reject your application,

3. Evidence that your tower is designed to withstand the most likely weather events and that it will be properly erected is very important,

4. Structure your plan to observe setback lines and existing zoning restrictions to the greatest extent possible. We may be allowed to have antennas, but not in the front yard,

5. If you can legitimately do so, note in your application that one of the reasons you need the tower is to permit your station to participate in emergency communications if the need arises,

6. Locate your tower as far away from adjacent houses as reasonably possible,

7. Don't accept the notion that a "fall-down" limit applies to you. A "fall-down" limit is a provision that

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## October Hamfests

**Oct 7** Utica Shelby Emergency Communications Services. Annual Hamfest, Madison Place Banquet and Conference Center, Madison Hts., MI. Contact Chuck, N8ZA (586) 557-4983.

e-mail: [n8za@arrl.net](mailto:n8za@arrl.net)

web: <http://www.usecaarc.com>

**Oct 28** Massillon ARC. 52nd Annual Hamfest, Massillon Boys and Girls Club Massillon, OH. Contact Terry, N8ATZ (330) 837-3091.

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

web: <http://w8np.org>

### *antenna from p. 4*

requires that no structure can so high that it could fall onto the adjacent property. Keep in mind that a well-constructed tower will still be standing long after all of the nearby trees have fallen over.

8. The "antennas are ugly" objection is not, in most cases, a proper zoning consideration,

9. If your application is rejected and you plan to appeal to the board of zoning appeals or similar agency, keep in mind that there are precise time limits for doing so, and failure to appeal within those time limits will bar your appeal,

10. Don't ask for more than you really need!

The Ohio antenna legislation is as strong as that enacted by most of the 26 other states that have addressed the problem, and stronger than most. One of the provisions

unique to Ohio is the requirement that, in the event of appeal, the legislative authority shall, "bear the burden of proving that the authority's actions are consistent with this section." While we hope that appeal is never necessary, in the event that it is, I encourage you to get competent legal assistance. Keep in mind that a bad result is not only your loss, but also bad precedent for the next ham who applies for a tower permit. Don't try to do it yourself.

73, Nick Pittner, K8NAP

Ohio State Government Liaison ■

### **Project Night a Success**

The planned project night was held on Sept. 19th at WB8NQW's QTH. There are now 4 new "tape-measure" 2 meter Yagis built by: NM8W-Craig, K8OVO-Don, WB8VUL-

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*president from p. 1*

active as I should as President, especially this 2nd half of the year. Had I known I'd be moving to a new job/responsibility, I would not have accepted the nomination/vote of President for this year. The club deserves someone that can give it the attention it needs and deserves. I'm thankful for this group, and am indebted to it.

Please email me ([NM8W@arrl.net](mailto:NM8W@arrl.net)) or see me in person to nominate a member of the club to the Nomination Committee. Section 9 of our Club Bylaws state:

"At least two months before the annual December election meeting, the President shall open the floor for nominations to the NOMINATING COMMITTEE. This Committee shall consist of three members chosen from the rank and file membership. It will establish a slate of candidates for the positions of President, Vice President, Secretary, Treasurer, and (elective) Board of Directors. Those nominated must give their assent to being so selected. The slate will then be put forward at the December election meeting."

Thank you in advance for your nominations for the Nominating Committee!

73  
Craig  
NM8W

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

*project from p. 5*

Hoot and WB8ABY-AI. In attendance as mentor/kibitzers were WB8NQQ-Bob, WD8JWJ-Bill, K8LL-Stan and N1RB-Bob. A good time was had by all with many thanks to NQQ for the use of his basement workshop and tools. The new antennas should be profitably used in the next foxhunt. ■

## Foxhunt Planned

The next foxhunt will be held prior to the business meeting on Monday, October 8th, at 5:00 pm. The fox will make his presence known on the 147.18 repeater at that time, and then advise the hunters of a simplex frequency to move to. Assuming that all of the hunters will be successful in their quest by 6:30 pm, it has been suggested that we can all meet with the fox for dinner at Myles' Dairy Queen on E. Wooster St.

The first prize is bragging rights until the next one, so sharpen up your direction-finding skills everybody because there is a lot more competition now! ■

## HAM EMCOMM REPEATER VANDALIZED

*from ARNewsline*

Steven Tidwell, KF5NDG, reports to Amateur Radio Newsline on

*continued on p. 7*

*project from p. 6*

a recent case where a repeater used for Skywarn and other ham radio emergency communications was criminally damaged. The only good news is that it appears the perpetrators have been caught. It all happened a few weeks ago at about 4:15 a.m. local time on August 20th. That's when the 147.12 MHz hub of the W5RHS linked repeater system in Benton, Arkansas, was taken off the air by an act of vandalism.

The repeater site is located on a water tower that sits behind a fence and locked gate. The suspects managed to break in to the site, and cut the hard-line going to the repeater and the link antennas. They also cut the coax going to the Water Association radio system. The latter is the commercial radio system communicates between the plant and the water tower.

According to KF5NDG the system owner is Kelly Hesters, whose call is W5RHS. He reportedly noticed that his repeater was off the air when he was leaving work about 7 AM. He

made a stop at the repeater site and noticed a Toyota pickup truck outside the gate. He then went inside he found the damage.

The next day when he went back to see what parts and supplies he needed to get the repeater back on the air he found a key that the suspects dropped on the ground. He contacted the Saline County Sheriff's office which determined that the key belonged to the vehicle. As a result of some detective work by the local authorities the suspects in the break-in have been arrested.

Meantime, W5RHS is waiting on the delivery of some new hard-line to get the repeater back on the air.

By way of reference, the W5RHS repeater is the main hub for a multi-linked repeater system in Arkansas. This repeater system is also very involved in Skywarn operations as well as carrying NOAA weather radio alerts. ■



**DON'T FORGET!**

**10 meter informal net meets  
Sunday**

**at 2030 EST on 28.335 MHz**

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

