

# CQ CHATTER

NOVEMBER 2015

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## WOOD COUNTY AMATEUR RADIO CLUB

PRESIDENT

WB8NQW

BOB WILLMAN

VICE PRESIDENT

VACANT

SECRETARY

N1RB

BOB BOUGHTON

TREASURER

KD8NJW

JIM BARNHOUSE

[HTTP://WCARC.BGSU.EDU](http://WCARC.BGSU.EDU)

### Minutes WCARC Meeting October 12, 2015

#### Bob-WB8NQW, presiding

**Present:** Bob-N1RB, Bruce-AA8HS, Hoot-WB8VUL, Stan-K8LL, Steve-K8BBK, Terry Halliwill, Bill-WD8JWJ, Rex-KC8PFP, Jim-K8JU, Eric-WD8LEI, Chuck-WD8ICP, Jim-KD8NJW, Loren-W8PSK, Orville-KC8NKC, Bob-WB8NQW

**Meeting Called to Order** with Pledge of Allegiance at 7:30 pm.

**Minutes** of August meeting approved.

**Treasurer's Report**-Report approved (JWJ/VUL).

#### Old Business:

- Bob (RB) gave a report on the foxhunt that had just been completed. There were 5 hounds (NQW, VUL, PSK, BBK, JWJ) and 2 co-foxes (RB, LL). A good time

was had by all, and the group adjourned to the BG Dairy Queen for a bite to eat afterward.

- Jim (NJW) displayed some QSLs that had been delivered by the 8th area Bureau for K8TIH. Some impressive DX was represented.
- Bob (RB) reported on plans for the upcoming license class at the BiG FabLab. He stated that he and the director, Mark Bowlus, still needed to work out the tuition structure, which led to a wide-ranging discussion of the rationale for our connection with the facility since previous classes were offered for free. It was pointed out that the FabLab is a "for-profit" entity, and as such must cover overhead expenses, etc. It was also pointed out that our association with it provides good publicity and visibility for the Club as well as a connection with younger persons who want to "get their hands dirty". Bob (NQW) concluded that a special committee was needed

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## NET CHECK INS

**Oct 6 Traffic: 0**

**KD8VWU (NCS)**  
**W8PSK**  
**KD8NJW**  
**WD8LEI**  
**WB8NQW**  
**KD8RNO**  
**N1RB**  
**WD8ICP**  
**K8LL (9)**

**Oct 13 Traffic: 0**

**N1RB (NCS)**  
**WD8ICP/M**  
**WD8JWJ**  
**W8PSK**  
**K8BBK**  
**K8OVO**  
**KD8NJW**  
**WB8NQW**  
**WD8LEI**  
**AA8HS**  
**KD8VWU**  
**K3RC (12)**

## BRAIN TEASERS

1. What is the capture effect?
  - a.) all signals on a frequency are demodulated by an FM receiver
  - b.) all signals on a frequency are demodulated by an AM receiver
  - c.) the strongest signal received is the only demodulated signal
  - d.) the weakest signal received is the only demodulated signal
2. What is the time constant of a circuit having two 100 microfarad capacitors and two 470 kilohm resistors all in series?
  - a.) 47 s
  - b.) 101.1 s
  - c.) 103 s
  - d.) 220 s
3. What is the Q of a parallel R-L-C circuit if the resonant frequency is 14.128 MHz, L is 2.7 micro henrys and R is 18 kilohms?
  - a.) 75.1
  - b.) 7.51
  - c.) 71.5
  - d.) 0.013

## November Contests

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

<b>Nov 7-8</b>	<i>1200 to 1200 Z</i>	160 m to 10 m
<b>Ukraine DX `test</b>		<b>CW-SSB</b>
<b>Nov 7-9</b>	<i>2100 to 0300 Z</i>	160 m to 10 m
<b>ARRL Sweepstakes</b>		<b>CW</b>
<b>Nov 14-15</b>	<i>0000 to 2359 Z</i>	80 m to 10 m
<b>WAE (Europe) DX `test</b>		<b>RTTY</b>
<b>Nov 14-15</b>	<i>1200 to 1200 Z</i>	160 m to 10 m
<b>OK/OM DX `test</b>		<b>CW</b>
<b>Nov 14-15</b>	<i>1400 to 0200 Z</i>	160 m to 10 m
<b>Kentucky QSO Party</b>		<b>all modes</b>
<b>Nov 21-22</b>	<i>1200 to 1200 Z</i>	80 m to 10 m
<b>LZ (Bulgaria) DX `test</b>		<b>CW-SSB</b>
<b>Nov 21-23</b>	<i>2100 to 0300 Z</i>	160 m to 10 m
<b>ARRL Sweepstakes</b>		<b>SSB</b>
<b>Nov 28-29</b>	<i>0000 to 2359 Z</i>	160 m to 10 m
<b>CQ WW DX `test</b>		<b>CW</b>

## November Hamfests

**Nov 14-15 Allen County AR Tech. Soc. Annual Hamfest.** Allen County War Memorial Coliseum, Ft. Wayne, IN.

web: <http://fortwaynehamfest.comlivepage.apple.com>

**Dec 5 Fulton County ARC. Annual Hamfest.** Delta American Legion Post #373, Delta, OH.

web: <http://k8bxq.org/hamfest>

*minutes-from p.1*

to study the interaction with the FabLab, and appointed himself, WD8LEI and N1RB to fill it.

- Phil (PSK) outlined the plans for raising an HF loop antenna at the FabLab as well as for a VHF/UHF antenna on a tower/mast. Eric (LEI) stated that since there were no openings in the outside wall evident that we should simply drill through it and put in a wall grommet for feedthroughs.
- Phil (PSK) reported on the new Yaesu digital Fusion system and demonstrated his newly purchased FTM-400DR dual bander base station. He briefly explained the various modes that the rig is capable of. Bob (RB) displayed the new Yaesu DR-1XE Fusion repeater that was purchased at approximately 1/3 list price under the Yaesu club program. He outlined the anticipated application as a "Brett Luna" memorial repeater that would operate on 442.125 MHz. Besides being a digital mode repeater, it is possible for it to be operated as a standard FM repeater, and that is the plan. Phil outlined the plans for the Offenhauer penthouse location: 147.18/444.475 on one dual band vertical, and 144.39/444.125 on another. He recommended that the Club purchase two Diamond X510HD dual-bander antennas for the installation.

## ***Foxhunt Report***

The more-or-less annual Club foxhunt was held right before the business meeting on October 12th. The fox (N1RB) and assistant fox (K8LL) established the lair in Tontogany near Mehring Park.

The first hound to find the lair was Bob-WB8NQW, quickly followed by Hoot-WB8VUL. These hounds may have set a new record for finding the fox, since they were both on location before ten minutes had gone by. Other participants were Phil-W8PSK, Steve-K8BBK, and Bill-WD8JWJ. The group then adjourned to the BG Dairy Queen for a bite to eat. Thanks to all participants--direction finding is a valuable skill for every ham to learn. ■

- Motion to purchase two Diamond X510HD antennas was made and seconded. Motion was approved.
- Motion to reimburse N1RB for his expense of \$500 for the Yaesu DR-1XE repeater was made and seconded. Motion was approved.
- Eric, WD8LEI, has been officially appointed as Wood County Emergency Coordinator. He was asked to give a brief outline of his plans and future goals as EC. Eric stressed maintaining infrastructure integrity as one of his main goals. He also plans to maintain and even further the existing cooperation between ARES and WCARC.

*continued---on p.6*

## WCARC Weekly Net

Tuesdays at

2100 EDST/EST

147.18 MHz 67 Hz PL

Net Control Roster

Nov 3	W8PSK
Nov 10	KD8NJW
Nov 17	KD8VWU
Nov 24	N1RB
Dec 1	K80VO
Dec 8	WB8NQW

## NEXT MEETING

*Breakfast Meeting*

Saturday, November 7

TIME: 9:00 am

PLACE: Frisch's Big Boy

E. Poe Rd. &

N. Main St.,

Bowling Green, OH

## DON'T FORGET!

10 meter informal net meets  
Sunday @ 2030 EST/EDST  
on 28.335 MHz

### ***FCC TO WEIGH IN ON TINKERING***

*from ARNewsline*

The ARRL is listening for a clear signal from the FCC that it's OK for hams to modify non-amateur equipment to use on the air, especially WiFi network devices. Recently proposed FCC rules, affecting the authorization of RF equipment, have spurred concern in some corners of the amateur community that these rules would restrict or prevent hams from going on the air with equipment they'd modified.

# NET CHECK INS

*continued*

**Oct 20 Traffic: 0**

**K8OVO (NCS)**  
**K8BBK**  
**W8PSK**  
**KD8RNO**  
**WD8LEI**  
**WB8NQW**  
**AA8HS**  
**KD8VWU**  
**WD8JWJ**  
**K3RC (10)**

**Oct 27 Traffic: 0**

**WB8NQW (NCS)**  
**KD8NJW**  
**WD8LEI**  
**KD8RNO**  
**WD8JWJ**  
**K8OVO**  
**W8PSK**  
**KD8VWU**  
**N1RB**  
**KD8WZK**  
**N8HML**  
**WD8ICP (12)**

*minutes-from p. 4*

- Bob (N9W) reminded everyone that the next kick-off banquet is slated for Sunday, January 10, 2016. He solicited ideas about where to hold it this year.
- Motion to hold the banquet at Nazareth Hall again this year was made and seconded. Motion approved unanimously.

**Meeting Adjourned** at 9:00 pm. ■

*FCC-from p. 5*

The ARRL comments say, in part: "The Amateur Radio Service has a very long tradition of modification and adaptation of commercial communications equipment." The League also pressed the FCC against limiting Software Defined Radios to SDRs intended for use exclusively in the Amateur Radio Service. The ARRL filed its comments on Oct. 8. ■

## FM Simplex Frequency Cleared for Contests

*from ARRL News*

The ARRL Programs and Services Committee earlier this year unanimously adopted a recommendation from its VHF and Above Revitalization Committee to remove the rule prohibiting the use of 146.52 MHz simplex for making contest contacts. That change will go into effect starting on January 1.

The VHF and Above Revitalization Committee had concluded that the restriction was no longer necessary. The committee felt that permitting the use of 146.52 MHz would allow new/curious contesters possessing only FM-mode radios to stumble upon more contacts, increasing their chances of being drawn further into VHF+ contesting — the primary aim of the Revitalization Committee. ■

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