

# CQ CHATTER

VOLUME B11 • Issue #7 WOOD COUNTY AMATEUR RADIO CLUB

AUGUST 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

## *Connect with the National Scout Jamboree via Amateur Radio*

*from ARRL Letter*

The National Scout Jamboree takes place July 26-August 4 at Fort AP Hill, Caroline County, Virginia. A myriad of exhibits and activities await the close to 40,000 Scouts, leaders and staff. Coming from all 50 states, territories and foreign countries, they will have the opportunity to live, work and play together in an atmosphere of Scouting fellowship. And just like the National Scout Jamborees in 1973, 1981, 1985, 1989, 1993, 1997, 2001 and 2005, the 2010 event will feature Amateur Radio.

A team of 17 Scouters and two Scouts will activate [K2BSA](#) as a demonstration station at the Jamboree. According to K2BSA Staff Member Larry Wolfgang, WR1B, they will be [demonstrating various operating modes to the visiting Scouts](#), with activity primarily on HF, around the [published Scout frequencies](#). Wolfgang is the ARRL Liaison to the National Scout Jamboree. An-

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

**147.18 MHz 67 Hz PL**

***Next Meeting  
BUSINESS***

**Monday, August 9th**

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

**PLACE: Sheriff's Training Room  
E. Gypsy Lane and S. Dunbridge  
Bowling Green**

other group of 17 Scouters and one Scout will assist other Scouts in earning the Radio merit badge, while seven Scouters will be offering classes and will help administer Amateur Radio licensing exams.

K2BSA will also operate an EchoLink station at the Jamboree on 444.425 MHz simplex, with a CTCSS tone of 100 Hz on the Jamboree equipment. The EchoLink node number is 307770 and the IRLP node number is 3011.

*continued on p. 7*

## Net Check Ins

June 22

WB8NQW (NC)  
KD8NJZ  
W8PSK  
K8OVO  
K8NEA  
KC8EKT  
WD8JWJ  
KD8MLN  
KD8GZX  
AC8OH  
N8PYA  
N8DJB (12)

June 29

N8QMV (NC)  
N8PYA  
K8NEA  
WB8NQW  
K8BBK  
W8PSK  
KD8NJZ  
N1RB  
KC8EKT  
WD8JWJ  
WB8VUL  
N8DJB  
KG8GBO (13)

July 6

WB8NQW (NC)  
K8BBK  
W8PSK  
K8NEA  
WB8VUL (5)

## WCARC

### 2 m Net Control Roster

Net meets every Tuesday at  
2130 EDST/0130 Z

Jul	27	N8QMV
Aug	3	WB8NQW
Aug	10	N1RB
Aug	17	K8OVO
Aug	24	KD8NJZ
Aug	31	N8QMV
Sep	7	WB8NQW

## Brain Teasers

1. What value capacitor would be required to tune a 20 microhenry inductor to resonate on 80 meters?
  - a.) 150 pF
  - b.) 100 pF
  - c.) 200 pF
  - d.) 100  $\mu$ F
2. What must be done before an amateur station is placed within an officially designated wilderness area or wild-life preserve, or an area listed in the National Register of Historical Places?
  - a.) submit proposal to National Park Service
  - b.) submit letter of intent to National Audubon Society
  - c.) submit environmental assessment to the FCC
  - d.) submit form FSD-15 to the Dept. of the Interior
3. What is one of the most significant problems associated with mobile transceivers?
  - a.) ignition noise
  - b.) Doppler shift
  - c.) radar interference
  - d.) mechanical vibrations

## August Contests

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

<b>Aug 1</b>	<i>1300 to 1630 Z</i>	80 m to 20 m
<b>South African DX 'test</b>		<b>SSB</b>
<b>Aug 7-8</b>	<i>1800 to 1800 Z</i>	220 MHz on up
<b>ARRL UHF 'test</b>		<b>all modes</b>
<b>Aug 7-8</b>	<i>1800 to 0600 Z</i>	160 m to 10 m
<b>North American QSO Party</b>		<b>CW</b>
<b>Aug 14-15</b>	<i>0000 to 2359 Z</i>	80 m to 10 m
<b>Worked All Europe DX 'test</b>		<b>CW</b>
<b>Aug 14</b>	<i>2300 to 1800 Z</i>	160 m to 10 m
<b>Maryland-DC QSO Party</b>		<b>all modes</b>
<b>Aug 21-22</b>	<i>0800 to 0800 Z</i>	160 m to 10 m
<b>Russian District Award 'test</b>		<b>all modes</b>
<b>Aug 21-22</b>	<i>1800 to 0600 Z</i>	160 m to 10 m
<b>North American QSO Party</b>		<b>SSB</b>
<b>Aug 21-23</b>	<i>2000 to 0200 Z</i>	160 m to 10 m
<b>New Jersey QSO Party</b>		<b>all modes</b>
<b>Aug 28-29</b>	<i>0700 to 2200 Z</i>	160 m to 10 m
<b>Hawaii QSO Party</b>		<b>all modes</b>
<b>Aug 28-29</b>	<i>1200 to 1159 Z</i>	80 m to 10 m
<b>YO (Romania) DX 'test</b>		<b>all modes</b>
<b>Aug 28</b>	<i>1400 Z</i>	80 m to 10 m
<b>Kansas QSO Party</b>		<b>all modes</b>

July 13

**N1RB (NC)**  
**KD8NJZ**  
**K8BBK**  
**W8PSK**  
**N8QMV**  
**WB8NQW**  
**K8OVO**  
**KB8VUL**  
**KD8OIS-George**  
**WD8PIC**  
**KD8MLN-Matt**  
**N8YAE (12)**

July 20

**K8OVO (NC)**  
**WB8VUL**  
**WB8NQW**  
**WD8JWJ**  
**N1RB**  
**K8BBK (telephone)**  
**KD8NJZ**  
**N8RIM**  
**KD8MLN (9)**

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

### ***Third Annual Ohio State Parks On The Air Contest***

Saturday, September 11, 2010, from the hours of noon to eight p.m. EDT (1600Z to 2400Z).

For hams throughout the State of Ohio, this contest presents an opportunity to visit and enjoy the amenities offered by the seventy-four beautiful State Parks here in Ohio. You can spend the day or even spend the weekend at the park of your choice. No matter whether you are camping or staying at one of the outstanding lodges or resorts you will find that the parks are one of Ohio's greatest assets.

Find out more about the parks and all that they have to offer at

<http://tinyurl.com/5ucyxg>

This contest places a premium on working stations at the State Parks. That means that it is critical to have as many parks activated as possible. The challenge for Ohio stations will be to work HF in the 50 to 300 mile range. Contacts can be made with any mode on the HF and VHF bands: 80, 40, 20, 15, 10, 6 and 2 meters and all contacts have the same point value. This is a great chance to try something new, like an NVIS antenna or two meter SSB.

Individuals and clubs can operate high or low power park stations and there is a special award for

*parks---from p. 4*

the club that activates the greatest number of parks! Non-park stations in Ohio as well as outside of Ohio can also compete with each other.

So get to an Ohio State Park and get On The Air in September. Have some fun with this contest! You can get complete information, including rules, forms and FAQ's, at <http://parks.portcars.org>, or contact the contest chairman, Chuck, W8PT, at [w8pt@portcars.org](mailto:w8pt@portcars.org). Check back at the web site for announcements about updates and prizes. ■

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## Letter from the President August 2010

Field Day 2010 is in-the-can as some would say. The chili and brats were excellent thanks to Bill, WD8JWJ. The chili must be an old family recipe. The WX co-operated nicely and I'm pretty sure K8TIH made a few QSOs using Phil, W8PSK's loop and a sloper antenna from Bob, N1RB. Next year's committee has a high bar to beat.

I know this request gets old but we are still looking for ideas for meeting programs. What would you like? Please contact any board member with your ideas.

As you read in the June minutes Facebook was discussed as a way to expand the club's public exposure. WCARC now has a Facebook page – I think it's called a page. Check out this URL to our Facebook page and thank Craig,

KD8NJZ, for his efforts in putting it together:

<http://www.facebook.com/group.php?gid=121912197850855>

The next meeting is August 09 at the Sheriff's office. The next breakfast is September 04 probably at Edgewood.

73, Bob WB8NQW ■

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## *July Breakfast*

The July breakfast was held at the QTH of Bob, WB8NQW, and Jeanette his XYL. The food was plentiful and excellent and we had a full table of members in attendance. Those of us in attendance would like to thank the Willmans for their hospitality in opening up their home to the regular meeting of the Club. ■

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## **HAM NUMBERS: FIRST HALF OF 2010 SEES UPSWING IN NEW AMATEUR RADIO LICENSEES**

*from Amateur Radio Newline*

The ARRL says that with 18,270 new Amateur Radio licenses issued in the first half of this year 2010 is shaping up to be a banner year for growth in amateur radio. The League reports that so far, the number of new licenses issued by the FCC in 2010 is outpacing the January to June 2009 totals by almost 8.5 percent. That breaks down to 16,844 new licenses in the same time period last year verses the 18,270 new hams so fat in 2010.

*continued on p.8*

## August Contests--continued

<b>Aug 28-29</b>	1600 to 0400 Z	80 m to 10 m
<b>Ohio QSO Party</b>		<b>all modes</b>
<b>Aug 29</b>	1400 to 1600 Z	80 m to 20 m
<b>South Africa DX 'test</b>		<b>CW</b>

## August Hamfests

**Aug 7** Voice of Aladdin ARC Annual Hamfest. Aladdin Shrine Center, Columbus, OH. Contact Barry, KC8SXG.

e-mail: [kc8sxg@arrl.net](mailto:kc8sxg@arrl.net)

web: <http://www.aladdinshrine.org>

**Aug 8** Eastern Michigan ARC. Annual Hamfest. Vantage Point Maritime Center, Port Huron, MI. Contact Bob, K8WMW, (810) 982-1561.

e-mail: [k8wmw@arrl.net](mailto:k8wmw@arrl.net)

web: **none**

**Aug 15** Lapeer County ARA. Hamfest. Lapeer County Center Bldg. Contact Bill, KD8VP, (810) 797-5329.

e-mail: [kd8vp@arrl.net](mailto:kd8vp@arrl.net)

web: <http://www.w8lap.com>

## ARRL Argues that Oklahoma Town's RFI Ordinance is "Null and Void"

*from ARRL Web Magazine*

Saying that only the Federal Communications Commission is empowered to regulate radio frequency interference (RFI), the ARRL has notified Midwest City, Oklahoma, that its local ordinance 27-3(9), seeking to regulate radio transmissions and RFI, is "null and void." Midwest City is in the Oklahoma City metropolitan area.

Midwest City's Ordinance 27-3(9) reads: "In addition to other public nuisances declared by other sections of this Code or law, the following [is] hereby declared to be [a] public nuisance: Operating or using any electrical apparatus or machine which materially and unduly interferes with radio or television reception by others." Sec-

***jamboree---from p. 1***

“We will also be on the air via D-STAR from the Jamboree site,” Wolfgang said. “We will be using the WS4VA 2 meter repeater (145.320 MHz, -600 kHz split), located 35 miles north of us in Stafford, Virginia, which in turn will be connected to D-STAR Reflector 30B.” The K2BSA repeaters will operate on 145.17 MHz, with a -600 kHz shift and 442.90 MHz with a +5 MHz shift; use a 100.0 Hz CTCSS subtone for both repeaters. There will be a Jamboree Net at 1900 (local time) each evening. Some K2BSA staff will be equipped with APRS. Click [here](#) for to view APRS activity at the National Jamboree. ■

***rfi---from p. 6***

tion 27 of Midwest City’s Ordinances deals with nuisances.

On July 21, ARRL General Counsel Chris Imlay, W3KD, wrote to Midwest City Assistant City Manager Dave Ballew, City Attorney Katherine Bolles and Director of Code Enforcement Mike Stroh, informing them that the ARRL had been provided with a copy of the ordinance by amateurs in that community. “We are also aware that a notice was sent by Mr Stroh on behalf of the City to one of ARRL’s members who resides in Midwest City asserting that the FCC-licensed radio amateur to whom the letter was addressed was in violation of the ordinance as the result of radio frequency interference appearing in a neighbor/complainant’s

home electronic equipment,” the letter read. “The licensed radio amateur was ordered to remedy the problem in one day, under penalty of a sanction assessed against the real property of the radio amateur.”

Section 27-2 of the nuisance ordinance states the penalty for non-compliance: “It shall be unlawful for any person to create or maintain a public nuisance within the or [sic] to permit a public nuisance to remain on premises under his control within the city” and that “the punishment for a violation of this chapter shall be a minimum of one hundred dollars (\$100.00) or fifteen (15) days imprisonment or both such fine and imprisonment and shall not exceed two hundred dollars (\$200.00) or thirty (30) days imprisonment or both such fine and imprisonment. Each day a violation shall continue shall constitute a separate offense.”

The letter explained to the Midwest City officials that as the FCC is the only entity empowered to regulate RFI, that this matter “is not a proper subject for municipal regulation by Midwest City, and your ordinance 27-3(9), which purports to regulate RFI is preempted on its face, and is therefore *null and void*. The City in fact has absolutely no jurisdiction whatsoever over radio frequency interference. Such regulation is exclusively within the jurisdiction of the Federal Communications Commission and *all*

***continued on p.8***

*regulation of radio transmission and interference phenomena is preempted by Federal law."*

All radio stations operate, and all telecommunications are regulated pursuant to the *Communications Act of 1934, As Amended*. The FCC has exclusive jurisdiction over RFI matters and all technical matters associated with radio communications. In the letter, General Counsel Imlay presented almost 20 legal cases defining the Commission's role and its sole authority over these matters. In the Communications Amendments Act of 1982, the legislation clearly demonstrated that Congress intended to completely preempt the regulation of RFI: "The Conference Substitute is further intended to clarify the reservation over matters involving RFI. Such matters will not be regulated by local or state law, nor shall radio transmitting apparatus be subject to local or state regulation as part of any effort to resolve an RFI complaint. The Conferees believe that radio transmitter operators should not be subject to fines, forfeitures, or other liability imposed by any local or state authority as a result of interference appearing in home electronic equipment or systems. Rather, the Conferees intend that regulation of RFI phenomena shall be imposed only by the [Federal Communications] Commission." The Conference also clarified that "the exclusive jurisdiction over RFI incidents (including preemption of state and local regulation of such phenomena) lies with the FCC."

General Counsel Imlay expressed his hope that it will not be necessary to submit Midwest City's Ordinance 27-3(9) to the FCC by way of a *Request for a Declaratory Ruling*, "but that would be [the ARRL's] planned course of action unless Ordinance 27-3(9) is rescinded and that letter from Mr Stroh to the radio amateur in Midwest City is retracted immediately. That radio amateur has the full support of ARRL in any action he may choose to take in this connection." ■

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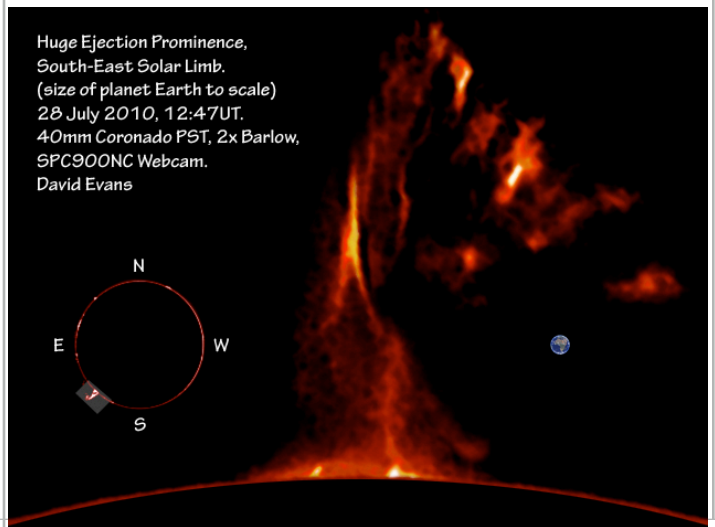
### ***licenses---from p. 5***

As of June 30, this year, there are 694,346 licensed amateur radio operators in the United States. Broken down by license class at the end of June 2010, there were 16,299 Novices, 342,064 Technicians, 154,284 Generals, 60,059 Advanced and 121,640 Amateur Extra licensees. Not too shabby for a hobby that was listed on the July 17, 2008 Walletpop blog as one of the 25 things predicted that would soon disappear in America. ■

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### ***Solar Prominence on July 28***

Huge Ejection Prominence,  
South-East Solar Limb.  
(size of planet Earth to scale)  
28 July 2010, 12:47UT.  
40mm Coronado PST, 2x Barlow,  
SPC900NC Webcam.  
David Evans





# Field Day Fun

(photos courtesy KD8NJZ)



*W8PSK and WB8NQW  
stringing the feed line  
for the loop antenna*

*W8PSK laying out  
the loop antenna*



*new digital mode being  
demonstrated by K3RC*

*K8BBK snags some contacts*



*WD8JWJ and harmonic  
of KD8NJZ--when do we eat?*

*Three OMs chewing the fat*





***WB8NQW, WD8JWJ and  
KD8NJZ/harmonic prepare  
the fire***

***the rope-eating  
oil derrick***



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

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