

CQ CHATTER

VOLUME B12 • Issue #11 WOOD COUNTY AMATEUR RADIO CLUB

December 2011

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

WCARC Breakfast moves to Big Boy in BG

It's been said the only constant in life is death and taxes. We'd like to add: change. The Wood County Amateur Radio Club Breakfast that happens every other month (first Saturday of the month) has changed locations once again. At one time the breakfast had been at Cousin's in Grand Rapids. Due to a fire at the establishment, the club found a new breakfast home at Edgewood Restaurant at the corner of Rt. 6 and 199. Now, due to the restaurant closing, we have moved our breakfast meeting place once again. Join us at the Big Boy on the corner of Main and Poe in Bowling Green at 9am. Saturday, November 5th was the first time meeting there, and there were a total of 14 attendants. It was generally agreed that the location and food was good, so we hope to see you there next time!



**WCARC Weekly Net:
Tuesdays at 2030 EST
(0130 Z year-round)
147.18 MHz 67 Hz PL**

Business Meeting

Monday, December 12th

TIME: 7:30 pm / Eyeball at 7:00

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



Net Check Ins

November 1

WB8NQW (NC)
NM8W
K8BBK
WD8JWJ
K8OVO
W8CLM
KC8EKT
N8YAE
KD8PCQ
WB8VUL
W8CAK

November 8

WB8NQW (NC)
KD8QYM
K8BBK
W8PSK
N8YAE
WB8VUL
KD8JBS
KD8PCQ
NF8E
KD8QQL

November 15

NM8W (NC)
K8BBK
W8PSK
KD8PCQ
WD8JWJ
WB8NQW
N8YAE
WB8VUL
KC8ZJW
K8OVO

November 22

N8YAE (NC)
N8QMV
K8BBK
W8PSK
WB8NQW
WD8JWJ
KC8EKT
KD8PCQ
KD8PCM

WCARC

2 m Net Control Roster

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

Nov	29*	K8OVO
Dec	6*	N8QMV
Dec	13*	WB8NQW
Dec	20*	NM8W
Dec	27*	K8OVO
Jan	3*	N8QMV
Jan	10*	WB8NQW

Brain Teasers

- When might a lead acid storage battery give off explosive hydrogen gas?
 - When being discharged
 - When not placed on a level surface
 - When stored for long periods of time
 - When being charged
- Which of the following components should be added to an existing resistor to increase the resistance?
 - Resistor in series
 - Resistor in parallel
 - Capacitor in series
 - Capacitor in parallel
- How many watts of electrical power are used by a 12-VDC light bulb that draws 0.2 amperes?
 - 60 watts
 - 2.4 watts
 - 6 watts
 - 24 watts

December Contests

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

Dec 1	<i>00:00 to 06:00 Z</i>	160 m only
QRP ARCI Topband Sprint		CW, SSB
Dec 2-4	<i>22:00 to 16:00 Z</i>	160 m only
ARRL 160 m Contest		CW
Dec 3	<i>00:00 to 24:00 Z</i>	160 m to 10m
TARA RTTY Melee		RTTY
Dec 10-11	<i>00:00 to 23:59 Z</i>	10 m only
ARRL 10 m Contest		CW, SSB
Dec 11	<i>00:00 to 24:00 Z</i>	160 m to 6 m
SKCC Weekend Sprint		CW
Dec 14	<i>01:30 to 03:30 Z</i>	80 m to 20 m
NAQCC Straight Key/Bug Sprint		CW
Dec 17	<i>00:00 to 24:00 Z</i>	160 m to 10 m
Feld Hell Sprint		Feld Hell
Dec 17	<i>00:00 to 23:59 Z</i>	160 m to 2 m
RAC Winter Contest		CW, Phone
Dec 17-Jan 1	<i>00:01 to 23:59 Z</i>	160 m to 2 m
Lighthouse Christmas Lights QSO Party		CW, Phone
Dec 18	<i>18:00 to 23:59 Z</i>	80 to 6 m
ARRL Rookie Roundup		CW
Dec 19	<i>02:00 to 04:00 Z</i>	160 m to 10 m
Run for the Bacon QRP Contest		CW
Dec 26	<i>08:30 to 10:59 Z</i>	80m, 40m
DARC Christmas Contest		CW, SSB

Letter from the President December 2011

The next meeting will be December 12 at the Sheriff's office with 2 major items on the agenda. The first is the proposed candidate list for 2012 election to be held at the January kickoff banquet.

So far we have at least one candidate for each office.

They are:

President - Craig NM8W (formerly KD8NJZ)

Vice President - Bob WB8NQW

Secretary - Bob N1RB

Treasurer - Bill WD8JWJ

Board members - Phil W8PSK and Steve K8BBK – each serving while not out of town. Please give some thought to offering your service to our club.

The second is the date and venue for the 2012 kickoff banquet. The committee has found it difficult to find a suitable venue near BG especially on a Monday evening. There are a number of restaurants offering excellent breakfast/lunch buffets on Sunday noon at reasonable prices. How do you feel about a Sunday meal instead of the traditional Monday meeting night?

Next breakfast is February 4, 2012 at the Big Boy north in BG.

73

Bob, WB8NQW

Statehouse Happenings

On November 16, 2011 a hearing was held in the Ohio Senate State and Local Government and Veteran's Affairs Committee on each of the amateur radio antenna bills, S.B. 93 and H.B. 158. The hearing was scheduled for the presentation of sponsor testimony on both of the bills. State Government Liaison, Nick Pittner, K8NAP and Terri Kovalchik, N8TLK attended the hearing on behalf of the ARRL.

Representative Stebelton, one of the sponsors of H.B. 158 presented the legislation and indicated his understanding that S. B. 93, which is substantially similar to H.B. 158, will be withdrawn in order to minimize the number of hearings necessary to pass the legislation. In his testimony, Representative Stebelton emphasized the importance of amateur radio as a communications resource in times of emergency, the federal regulations

(PRB-1) intended to protect the amateur radio service and the fact that similar legislation has been passed in numerous other states. He also noted that the Senate passed very similar legislation in the prior term.

There were a few questions from Committee members, including whether Ham Radio is the same as CB radio and some questions about the 75 foot presumptions of reasonableness for antenna support structure height. In general, comments from committee members, including Chairman Kris Jordan, were very favorable toward the public service provided by radio amateurs and supportive of the Bill. At this point, further hearings in the Senate will likely consider H.B. 158 only. You can view the full text of that bill at:

http://www.legislature.state.oh.us/bills.cfm?ID=129_HB_158.

No additional hearings in the Senate have been scheduled at this time.

73,

Nick Pittner, K8NAP

State Government Liaison, Ohio Section

Logbook of the World: Backlog is Clearing

(11/21/2011 from ARRL.org)

Logbook of The World (LoTW) is continuing to accept and process logs, including logs from this past weekend's ARRL November Phone Sweepstakes Contest. Currently, the processing delay is at 14 hours, down from 45 hours last week. As of November 21, there are approximately 548,000 QSOs in 2000 logs still waiting to be processed. If you have already uploaded a log, please do not upload it again; by doing so, you will only add to the queue. Do not send entire logs that contain previously uploaded QSOs; use the date range option when signing logs, selecting only those QSOs in a specific date range to upload to LoTW. By following these guidelines, this will allow LoTW to process the backlog at a faster pace. Thanks again for your patience.

December Hamfests

Dec. 4 - LCARC Amateur Radio Swap/Hamfest - L'Anse Creuse High School in Harrison Township, MI. Call Gregg Crump, N8GEO for more info: 586-477-0364

e-mail: N8GEO@arrl.net

web: <http://www.N8LC.org>

Hams Invited to Participate in a Research Project on the ISS

The Central Research Institute of Machine Building (TSNIIMASH) in Russia is conducting a series of space plasma experiments in order to evaluate the shape of previously observed "dead" zone, or shadowing due to the firing of an onboard arcjet plasma source. Radio amateurs are invited to participate in the space plasma experiment "Shadow" onboard the International Space Station (ISS) on November 25-28 and December 2-5.

According to the AMSAT-UK website, integrating of Electric Thrust (ET) onboard a spacecraft poses a certain set of problems, including electromagnetic compatibility of ET. One matter of interest is that highly ionized exhaust plumes of ET may scatter RF signals, producing large "dead" zone for communications. This plasma screening effect should be thoroughly studied before electric thrusters become standard onboard equipment. This experiment will help designers of future electrically propelled spacecraft to minimize the hazard of communication disruption by ET plasma plumes.

The experiment will use the ISS Amateur Radio 145.825 MHz FM AX.25 1200 bps packet radio downlink. The amateur packet radio technology in the SpEx "Shadow"—as proposed by astronaut Alexander Kaleri, U8MIR—will use the AX25 packets transmitted by "master stations" and reported by receiving Amateur Radio Ground stations to track the effect of the (cont)

Plasma shadow.

The SpEx experiment will be enabled on the following schedule:

SpEX Time On:

November 25 at 1650 UTC
December 2 at 1650 UTC

SpEX Time Off:

November 28 at 0825 UTC
December 5 at 0825 UTC

Hear the Wood County Amateur Radio Club Repeater online!

Wood County Emergency Coordinator (ARES), Bob, W8NYY has made available streaming audio of the K8TIH 147.180/R along with the primary repeater for the Wood County ARES. Check it out at:

<http://www.radioreference.com/apps/audio/?feedId=9502>

You can listen on your PC or click through to:

<http://wcarc.bgsu.edu/repeaters/index.html>

to find out how to listen on your smartphone!

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

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