

CQ CHATTER

JULY 2017

VOLUME B17 • ISSUE 5

WOOD COUNTY AMATEUR RADIO CLUB

President	N1RB	Bob Boughton
Vice President	KD8VWU	Doug Perez
Secretary	WB8NQQ	Bob Willman
Treasurer	KD8NJW	Jim Barnhouse
Board Member	KE8CVA	Terry Halliwill

<http://wcarc.bgsu.edu>

Minutes

WCARC Meeting

June 12, 2017

Bob-N1RB, presiding

Present: N1RB-Bob, KD8VWU-Doug, WD8LEI-Eric, KC8PFP-Rex, KC8IFW-Wil, KE8CVA-Terry, WB8NQQ-Bob, WD8JWJ-Bill, K8LL-Stan, W8AN-Steve

Meeting called to order: at 7:30 with Pledge of Allegiance.

Minutes: Minutes from the April meeting as printed in CQ Chatter were approved by a motion made by Bob WB8NQQ and seconded by Terry KE8CVA.

Treasurer: In the absence of KD8NJW, the Treasurer's report was delivered by N1RB and was approved by a motion made by Terry KE8CVA and seconded by Bill WD8JWJ.

Old Business:

- *Field Day-* Food details were printed in the June CQ Chatter. NM8W & WB8NQQ need to know by net time

on June 20 if you are going to join us for breakfast Sunday morning.

- Bob N1RB reported that we may have enough rigs and antennas to operate with the 4A classification this year. The ARES trailer will be on site. We could also operate using digital modes.
- Saturday afternoon is a museum demonstration day so the general public will be on site.
- *FabLab-* Bob N1RB had a meeting with Mark Bowlus, director of the FabLab. Because the number of FabLab members is well below anticipated projections, Mark is requesting that WCARC members become members of the FabLab, standard \$29.00 / month. With a 10% discount \$26.10. He also proposed a rental charge for the space occupied by the amateur radio equipment of \$1.50 per square foot. 150 square feet = \$225.00. With 10% discount \$202.50.
- The WCARC Board met May 26 to discuss these proposals. The Board

continued---on p. 5

Net Check Ins

Jun 6 **Traffic: 0**

K8OVO **(NCS)**
KD8VWU
KE8CVA
KA8VNG
WD8LEI
N8VNT
KG8FH
KD8NJW
WB8NQW
KC8EKT
WD8JWJ
N1RB
N8YAE
K8JU
KE8CUZ
WD8ICP **(16)**

Jun 13 **Traffic: 0**

WB8NQW **(NCS)**
K8JU
KD8RNO
KE8CVA
KA8VNG
N1RB
KG8FH
KD8VWU
WD8JWJ
KE8CUZ
WD8LEI/M
N8YAE **(12)**

Brain Teasers

1. If three equal value resistors in series produce 450 Ω , what is the value of each resistor?
 - a.) 1500 Ω
 - b.) 90 Ω
 - c.) 150 Ω
 - d.) 175 Ω
2. What is the output waveform of an unfiltered full-wave rectifier connected to a resistive load?
 - a.) series of DC pulses at twice the AC input frequency
 - b.) series of DC pulses at the AC input frequency
 - c.) sine wave at half the AC input frequency
 - d.) steady DC voltage
3. What does the number 31 represent in "PSK31"?
 - a.) approximate transmitted symbol rate
 - b.) version of the PSK protocol
 - c.) year in which PSK was invented
 - d.) number of characters that can be represented by PSK31

July Contests

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

Jul 1	<i>0000 to 2359 Z</i>	160 m to 10 m
RAC Canada Day 'test		CW Phone
Jul 1	<i>0000 to 2359 Z</i>	160 m to 10 m
Venezuelan Ind. Day 'test		all modes
Jul 15-16	<i>1800 to 0059 Z</i>	80 m to 10 m
North American RTTY 'test		RTTY
Jul 15-16	<i>1800 to 2100 Z</i>	6 m to 2 m
CQ WW VHF 'test		all modes
Jul 29-30	<i>1200 to 1200 Z</i>	80 m to 10 m

July Hamfests

July 16 Van Wert ARC. Annual Hamfest. Van Wert County Fairgrounds, Van Wert, OH. web: <http://w8fy.org>

July 30 Portage ARC. Annual Hamfest. Maplewood Career Center, Ravenna, OH. web: <http://hamfair.com>

DON'T FORGET!

10 meter Net meets

Sunday@ 2030

on 28.335 MHz

Fusion (C4FM) Net

meets Thursday

@1930

on 442.125+

Hamvention 2017

Attendance: 29,296

[W8HJR, Media Chairman](#)

It took a while to collect all the information but the numbers are in, and it has been a most successful year. This is quite an increase over last year's attendance.

We knew this would be a big year but this was even beyond our expectations. The challenge was great to reinvent Hamvention® at a new venue, the Greene County Expo Center and Fairgrounds, in a very short time period. From all the emails, letters, and calls I have received over the last few weeks, we have accomplished it successfully. Thanks to all who provided constructive criticism, each idea is being evaluated. Please thank all our 657 volunteers from around the world for their over-the-top dedication to make Hamvention the success you wanted it to be.

We all recognize the traffic, rain, mud and parking issues, but part of those issues were corrected even before show weekend was over. Other issues are being worked on already for next year's show. We are working with Greene County, Xenia Township, City of Xenia officials and the Greene County Fairgrounds and Exposition Center Advisory Board. We can't control the rain but we promise there will not be some of the other issues next year. There may even be some new surprises in store for you. We have three extra months and a successful plan to start with.

We thank all who came to the show this first year in Greene County and hope to see you again next year. For those that

thought they would wait and see how we did, sorry you missed the show, but look forward to seeing you next year. Our rough edges will be smoothed out for you by then.

Thank You, and hope to see all next year at our new home,
Ron Cramer
Hamvention® General Chair ■

Field Day 2017

A Success

by the editor

Field Day, 2017, began on a sunny, pleasant Saturday, June 24, with the raising of the all-band loop antenna at noon. By the time of the starting gun at 2:00 pm, K8TIH had five stations in operation on emergency power. This group included operation by Steve-W8AN, Terry-KE8CVA, Craig/Eban-NM8W/ KD8NJZ, Bill-WD8JWJ, and Bob-N1RB. This total was eventually raised to six after K8BBK arrived with a mobile station. Stan (K8LL) also operated on the premises with his own call. All bands were in play on both phone and CW as these stations piled up the contacts. This is the largest number of Field Day stations that the Club has fielded in recent memory.

The highlight of the day was a presentation to the Club of a proclamation of support and recognition by the Wood County Commissioners. President Doris Herringhaus and Vice-President Craig LaHote (K8IXL) were on hand to make the presentation to the Club members present. A copy of *continued---on p. 6*

WCARC Weekly Net

Tuesdays at 2100 all year

147.18 MHz 67 Hz PL

Net Control Roster

<i>Jun 27</i>	<i>KD8VWU</i>
<i>Jul 4</i>	<i>KD8NJW</i>
<i>Jul 11</i>	<i>NM8W</i>
<i>Jul 18</i>	<i>K8OVO</i>
<i>Jul 25</i>	<i>WB8NQW</i>
<i>Aug 1</i>	<i>N1RB</i>
<i>Aug 8</i>	<i>KD8VWU</i>

NEXT MEETING

Breakfast Meeting

Saturday, July 1st

TIME: 9:00 am

PLACE:

Frisch's Big Boy

E. Poe Rd.

& N. Main St.

Bowling Green, OH

minutes---from p. 1

decided to propose to the membership that we withdraw from our relationship with the FabLab.

- Bill WD8JWJ moved and Terry KE8CVA seconded a motion to withdraw. After much discussion the motion passed.
- *FoxHunt-* because of the Labor Day weekend September 2-4, the breakfast scheduled on the 2nd will be moved to September 9 and a foxhunt will follow the breakfast. Eric WD8LEI will be the fox.

New Business:

- *Incorporation-* Bob N1RB suggested that WCARC register as a corporation with the state of Ohio.

We can do this online for \$99.00. A motion for incorporation by Eric WD8LEI, seconded by Doug KD8VWU was passed.

- *Insurance-* A discussion concerning club liability insurance followed. Eric moved and Doug seconded a motion to investigate the cost of insurance and report back next meeting.
- *ARES-* Eric WD8LEI gave a short report about ARES and his new DMR repeater that is now operational.

Adjournment: Bob N1RB invited a motion to adjourn. Bob WB8NQW and Doug KD8VWU obliged.

Bill WD8JWJ demonstrated his Buddipole antenna to the members.

Respectfully submitted:

Bob WB8NQW ■

Net Check Ins

Jun 20 **Traffic: 0**

N1RB **(NCS)**
K3RC
K8BBK
WB8NQW
NM8W/M
WD8JWJ
KD8RNO
WD8LEI
N8VNT
KD8NJW
KC8EKT
KD8VWU
KE8CVA
KG8FH **(14)**

Jun 27 **Traffic: 0**

KD8VWU **(NCS)**
KD8RNO
KA8VNG
K8BBK
KG8FH
KC8EKT
KD8NJW
N1RB
KE8CVA
WB8NQW
WD8JWJ
KD8EHY
K8JU **(13)**

field day---from p. 6

the proclamation appears on page 8. WCARC cooperation with County authorities is a long-standing one, and also includes close work with the Wood County ARES. The value of amateur radio to Wood County is most easily seen by observing that the Sheriff, Mark Wasylyshyn (KD8BOI), and the Bowling Green Fire Chief, Tom Sanderson (KC8IGZ), are both amateurs.

A fine dinner consisting of Sloppy Joes and hot dogs was served at 6:00 pm by Bob (WB8NQW) and Craig (NM8W), when operators took a break from the contest and enjoyed the meal and some socialization. There were a variety of potluck side dishes and desserts. Thanks to all who contributed. Several stations operated through the night as the whirr of generators was audible.

On Sunday morning, June 25, the same two chefs cooked up a wonderful breakfast of sausage and pancakes with orange juice. Take it from Yours Truly, these meals hit the spot. Operation continued on Sunday until about noon, when some of the stations began to cease operation. At noon, the loop antenna was taken down, followed shortly by several others. The end of the contest came of course at 2:00 pm. A preliminary tally of the Club's results gives a total of 3560 points.

Thanks to all who operated, participated, and visited the site just to shoot the breeze. Hopefully, we will be lucky enough to have the same weather next year. ■

Region 1 Intruder Watch Reports the Usual Suspects

from ARRL News

International Amateur Radio Union Region 1 Monitoring System ([IARUMS](#)) volunteers continue to document many of the same signals intruding on Amateur Radio bands — some of them audible in other parts of the world, according to the latest editions of

continued---on p.7

Brain Teaser answers: (G) 1-c, 2-a, 3-a

intruder---from p.6

the IARUMS Region 1 [newsletter](#). IARUMS Region 1 Coordinator Wolf Hadel, DK2OM, [reported](#) last month that his own band monitoring activity has been hampered by interference from a neighbor's LED lamp, and that Germany's telecoms regulator was not helpful in resolving the situation, which Hadel says affects all bands from 80 through 10 meters. Nonetheless, he has worked around the local interference to document many of the same bad actors that show up in the IARUMS Region 1 newsletter month after month. IARU Region 1 includes Europe and Africa.

These usual suspects include a Russian Navy F1B RTTY signal on 14.180 MHz in Sevastopol in Crimea, "still active, not regarding official complaints." Last fall IARUMS had reported that complaints were successful in silencing the intruder. Another Russian F1B RTTY signal had been showing up on 7.051 MHz, "mostly idling and every evening," Hadel reported in May. German telecoms regulators registered an official complaint, apparently successful in that instance. Hadel also reported "daily" transmissions of music on 7.050 MHz (LSB), possibly originating in Russia.

The "mysterious beacon 'D'" from Asian Russia has been reported on CW on 7.093.3 kHz, with spurious transmissions on 7.078.6, 7.117.9, and 7.157.2 MHz, as well as outside the band.

Broadcaster Radio Hargaysa in Somalia continued to be reported on 7.120 MHz (AM) daily. Hadel indicated that the signal is audible in Australia and Japan, as well as in Europe and Africa.

On 7.175 MHz, Radio Eritrea continues to be jammed daily with white noise transmissions attributed to Radio Ethiopia. IARUMS reported jamming of Radio Taiwan on 7.200 MHz, apparently originating in China and audible "every evening" in Europe. The Chinese "foghorn" over-the-horizon radar (OTH-R) continues to intrude on 20 meters, with signals on 14.211 MHz "jumping to 14.290 and 14.302 MHz." The Russian "Konteyner RLS" OTH-R remains a problem on 14.280 MHz

In late April, DK2OM monitored a Chinese wide band OTH-R on 15 meters between 21.280 and 21.458 MHz. "No woodpecker, as some hams believe," Hadel noted. Several OFDM transmissions originating in Moscow have been heard on 20 meters.

Brazilian "pirates" again have been observed on 21.000 MHz (USB). "They are abusing this [frequency] like a telephone between Rio and northern Brazil," Hadel reported in April. "We suppose fishery traffic." Just below that signal and barely outside 40 meters (6.999 MHz) was USB interference attributed to Spanish fishing interests, splattering up into the low end of the band. An Iranian radar was reported back on 28.960 MHz, heard in Europe via E-skip.

editor's note: during Field Day operation, several operators remarked on strange quasi-periodic signals that were being heard, particularly on 20 and 15 meters. The Intruder Watch Service keeps track of these errant signals, tries to identify the source, and then informs the relevant government agency. Sometimes (but not all the time) the warnings are heeded. ■

Copy of Proclamation recognizing WCARC on Field Day, June 24, at Wood County Historical Museum

*Board of County Commissioners
Wood County, Ohio*

Proclamation

WHEREAS, the Amateur Radio Service has been in existence for a century and its members are well known for communications support in real disaster and post-disaster situations, and

WHEREAS, since 1933, the American Radio Relay League Field Day is the single most popular on-the-air event held annually in the US and Canada; and

WHEREAS, every June, more than 40,000 Amateur (Ham) Radio operators throughout North America set up temporary transmitting stations in public places to demonstrate radio science, as well as their importance to our communities; and

WHEREAS, the Wood County Amateur Radio Club will set-up and operate from the Wood County Historical Center on County Home Road on June 24 and 25, 2017; and

WHEREAS, the goal of this event is to raise awareness for the importance of amateur radio, and encourage local citizens to learn about this important and fun experience; and

WHEREAS, the Wood County Commissioners appreciate the excellent work of the Wood County Amateur Radio Club on a daily basis as they work with law enforcement and emergency management; now

THEREFORE, BE IT PROCLAIMED, by the Board of County Commissioners of Wood County, Ohio, that they recognize and applaud the work of the Wood County Amateur Radio Club, and encourage local residents to participate in Amateur Radio Weekend on June 24 and 25.

WHEREUNTO, we, the Board of County Commissioners of Wood County, Ohio, do hereby set our hand this 24th day of June 2017.



Doris I. Herringshaw
Doris I. Herringshaw

Craig LaHote
Craig LaHote, K8IXL

Theodore H. Bowlus
Theodore H. Bowlus

Field Day Participants CW from top right: Steve-W8AN, Terry-KE8CVA and Bill-WD8JWJ, Jim-KD8NJW and Bob-N1RB, Stan-K8LL, Craig-NM8W, View from near blacksmith's shop---photos courtesy of WB8NQW



**WOOD COUNTY ARC
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