

CQ CHATTER

SEPTEMBER 2018

VOLUME B18 • ISSUE 7

WOOD COUNTY AMATEUR RADIO CLUB

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Vice President
Secretary
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Board Member

WB8NQW
KD8VWU
N1RB
KD8NJW
KE8CVA

Bob Willman
Doug Perez
Bob Boughton
Jim Barnhouse
Terry Halliwill

<http://wcarc.bgsu.edu>

Minutes WCARC Meeting August 13, 2018

Bob-W8NQW, presiding

Present: Bob-N1RB, Doug-KD8VWU, Lynn-KD8RNO, Terry-KE8CVA, Richard Cummins, Wil-KC8IFW, Steve-W8AN, Jim-KD8NJW, Stan-K8LL, Hoot-WB8VUL, Bob-WB8NQW, Eric-WD8LEI

Meeting called to order: at 19:30 with Pledge of Allegiance.

Minutes of June business meeting as published in July CQ Chatter were approved (NJW/VWU).

Treasurer's Report was presented by Jim-KD8NJW. Report was approved (CVA/VWU).

Old Business:

- Bob asked if there were any comments/remarks on the Club's repeaters. After some discussion, the consensus seemed to be that users

were satisfied. There is a lot of usage of Wires-X on the Fusion repeater, and people seem to enjoy the flexibility of America Link.

- Bob announced that a "walking" foxhunt to be held after the Club breakfast on Saturday, Sept. 1, at the adjoining QTHs of WB8NQW and KB8QEW on Bishop Rd. There will be three separate transmitters operating on three separate UHF simplex frequencies. Details are given in another article.
- Bob displayed a number of Club publicity brochures that were produced by Rex (KC8PFP), and asked if members could take a few and distribute where they might do some good.

New Business:

- Jim (NJW) asked if it would be possible to include various audio scripts on the 147.18 repeater, such as, "from deep in the Black Swamp..." He noted that he

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Net Check Ins

Aug 7 Traffic: 0

KD8NJW (NCS)
KE8CVA
KG8FH
K8JU
WD8JWJ
WB8NQW
KD8RNO
N1RB
NM8W
KD8VWU
K8OVO
WD8ICP
WD8LEI/M (13)

Aug 14 Traffic: 0

K8OVO (NCS)
WW8JON-Jon
KD8RNO
KG8FH
WD8JWJ
WB8NQW
N1RB
KD8VWU
KE8CVA
KC8EKT
WD8ICP
KD8WCB-Rich (12)

Brain Teasers

1. On which of the following bands is phone operation prohibited?
 - a.) 160 m
 - b.) 30 m
 - c.) 17 m
 - d.) 12 m
2. What is the RMS voltage across a 500 turn secondary winding in a transformer if the 2250 turn primary is connected to 120 VAC?
 - a.) 2370 V
 - b.) 540 V
 - c.) 26.7 V
 - d.) 5.9 V
3. What are the basic components of virtually all sine wave oscillators?
 - a.) an amplifier and a divider
 - b.) a frequency multiplier and a mixer
 - c.) a circulator and a filter operating in a feed-forward loop
 - d.) a filter and an amplifier operating in a feedback loop

September Contests

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

Sep 1	<i>0000 to 2359 Z</i>	80 m to 10 m
Russian WW RTTY 'test		RTTY
Sep 1-2	<i>0000 to 2359 Z</i>	80 m to 10 m
All Asian DX 'test		SSB
Sep 1-2	<i>1300 to 0400 Z</i>	160 m to 10 m
Colorado QSO Party		all modes
Sep 1-2	<i>1500 to 0300 Z</i>	160 m to 10 m
Alabama QSO Party		all modes
Sep 2-3	<i>1800 to 0300 Z</i>	160 m to 10 m
Tennessee QSO Party		all modes
Sep 8-9	<i>0000 to 2359 Z</i>	80 m to 10 m
WAE DX 'test		SSB
Sep 8	<i>1400 to 2200 Z</i>	80 m to 10 m
Ohio State Parks on the Air		SSB
Sep 8-10	<i>1800 to 0300 Z</i>	6 m to 2 m
ARRL VHF 'test		all modes
Sep 15-16	<i>1400 to 0200 Z</i>	160 m to 10 m
Iowa QSO Party		all modes
Sep 15-16	<i>1600 to 2000 Z</i>	80 m to 10 m
New Jersey QSO Party		all modes
Sep 15-16	<i>1600 to 2200 Z</i>	160 m to 10 m
New Hampshire QSO Party		all modes
Sep 22-23	<i>1200 to 1200 Z</i>	160 m to 10 m
Maine QSO Party		all modes

Walking Foxhunt Planned

from Bob Willman

There will be a walking UHF foxhunt following breakfast on Saturday September 1st.

Three automatic foxes operating Morse code IDs simplex on 446.00 FM and up will be hidden at 14260 and 14118 Bishop Rd., or maybe somewhere nearby.

These locations are respectively the QTHs of Shawn Hudson KB8QEW and Bob Willman WB8NQW.

Bring your HT and UHF antenna. We hope to make this a team effort.

I have one extra home brew antenna with a BNC connector available, and another with an SO-239 if you do not have a directional antenna.

See you at breakfast - 9:00 AM. ■

WWV-WWVH Shut Down Proposal

from ARRL Letter

ARRL members and Amateur Radio clubs are expressing increased concern over the inclusion of WWV and WWVH on a list of proposed cuts in the White House's National Institute of Standards and Technology ([NIST](#)) Fiscal Year 2019 budget request. The proposed cuts also would include the Atomic Clock signal from WWVB used to synchronize specially equipped clocks and watches. Online petitions soliciting signatures include [one](#) established by Tom Kelly II, W7NSS, of Port-

land, Oregon, who would like to see funding for the stations maintained. At this point, the budget item is only a proposal, not a final decision. That would be up to the Congress to decide.

ARRL is among those worried over the possible loss of WWV, WWVH, and WWVB and is suggesting that members of the Amateur Radio community who value the stations for their precise time and frequency signals and other information sign Kelly's petition and/or contact their members of Congress promptly, explaining how the stations are important to them, beyond government and military use.

Kelly's petition, which may be signed by U. S. residents, notes that WWV is among the oldest radio stations in the U. S., having been established in 1920. "The station has transmitted the official U. S. time for nearly 100 years, and is an instrumental part in the telecommunications field, ranging from broadcasting to scientific research and education," his petition says. "Additionally, these stations transmit marine storm warnings from the National Weather Service, GPS satellite health reports, and specific information concerning current solar activity and radio propagation conditions. These broadcasts are an essential resource to the worldwide communications industry."

NIST's [full Fiscal Year \(FY\) 2019 budget request](#) calls for the agency to "discontinue the dissemination of the

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WCARC Weekly Net
Tuesdays at 2100 all year
147.18 MHz 67 Hz PL
Net Control Roster

<i>Sep 4</i>	<i>KD8VWU</i>
<i>Sep 11</i>	<i>N1RB</i>
<i>Sep 18</i>	<i>K8OVO</i>
<i>Sep 25</i>	<i>WB8NQW</i>
<i>Oct 2</i>	<i>KD8NJW</i>
<i>Oct 9</i>	<i>KD8VWU</i>

NEXT MEETING

Breakfast Meeting

**Saturday,
September 1**

TIME: 9:00 am

**PLACE: Frisch's North,
E. Poe Rd. & N. Main St.
Bowling Green, OH**

Foxhunt to follow: see p.4

10 meter Net
informal group
meets

Sunday
@ 20:30

on 28.335 MHz

Fusion Net

Thursday
@ 19:30

on 442.125 MHz
67 Hz PL on FM
discussion of all
things digital

Net Check Ins

Aug 21 **Traffic: 0**

WB8NQW (NCS)
KE8CVA
KG8FH
WD8JWJ
KD8NJW
KD8RNO
N1RB
KB8QEW
KE8CUZ
KD8VWU
KE8IJR
WD8ICP (12)

Aug 28 **Traffic: 0**

N1RB (NCS)
KC8IFW
KE8IJR
KC8EKT
KG8FH
KB8QEW
KD8NJW
WB8NQW
NM8W
KD8RNO
N8VNT
W8PSK
WD8PIC
WD8JWJ (14)

Origin Of 'HAM' and 'LID'

by Gary Coffman-KE4ZV

The "real" explanation appears to be lost in the mists of time. There are a number of theories. Some more plausible than others. The one you'll likely hear the most is about "little station HAM". It goes like this. In the early days of radio, the government didn't assign call letters to amateurs. They just made up their own. Supposedly, three students at Harvard named Hyman, Almay, and Murray set up a station. They decided to use their initials as the call. Thus we have the little station HAM. When the Navy tried to grab control of all radio frequencies, these guys are supposed to have testified before Congress, and the story of little station HAM supposedly didn't leave a dry eye in the house. The press is supposed to have picked up this story of little station HAM, and amateurs have been known as hams ever since. Unfortunately for this story, none of it checks out. A past president of the ARRL did extensive research in an attempt to confirm this story. There is nothing in the Congressional Record about little station HAM. There is nothing in contemporary press records. And there is no record of a Hyman, Almay, or Murray at Harvard at the time this supposedly happened. This story first surfaced in an amateur publication in 1948, and doesn't seem likely to die. But it appears to have no factual basis. Another story you may hear is that ham is the result of a Cockney pronunciation of (h)amateur. But that is unlikely for two reasons. First, the term was in use in America before there was substantial amateur activity in Britain. And second, voice transmission wasn't used by amateurs of the era, so how did a pronunciation get propagated by Morse? Another story you may hear is that it comes from a landline telegrapher's insult. Many operators of the day came from a landline background, and on the landlines a

September Contests-cont.

Sep 22-23	1200 to 1200 Z	80 m to 10 m
UK/EI DX 'test		SSB
Sep 29-30	0000 to 2359 Z	80 m to 10 m
CQ WW DX 'test		RTTY
Sep 29-30	1400 to 2000 Z	160 m to 10 m
Texas QSO Party		all modes

September Hamfests

Sep 9 Findlay RC. Hamfest. Hancock County Fairgrounds, Findlay, OH. web: <http://findlayradioclub.org>

Sep 16 Adrian ARC. Hamfest. Lenawee County Airport, Adrian, MI. web: <http://w8tqe.com>

Sep 23 Hamfest Assn. of Cleveland. Hamfest and Computer Show. Cuyahoga County Fairgrounds, Berea, OH. web: <http://hac.org>

minutes— from p. 1

thought it was a popular distinguishing feature of our repeater. Eric (LEI) explained that it might take some doing because the present controller is not as versatile as the old one. After much discussion, it was determined that it should be possible to do by using a separate audio board, and Eric will look into it and return with a plan and cost estimate at the October business meeting.

- Bob asked for comments regarding the Field Day experience. All comments indicated that it was interesting and fun for all who participated.
- Bob noted that the 147.18 machine's "transmit power failure" alarm has apparently gone off as of the 13th. Eric (LEI) has not yet had a chance to visit the site, but has several ideas about what the

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minutes— from p. 7

problem could be if it is not a real alarm.

- Eric mentioned the need to repair the HF and VHF antennas on the roof of the Sheriff's Office. The HF dipole is split at one of the trap junctions, while the VHF J-Pole coax connector is apparently loose. He will organize a work party to take care of it.
- Bob remarked that he had received a QSL, membership application and several "COMMUNICATIONS" patches from Dan Dickey, KN4LEH, who has checked into the Sunday evening 10 meter net from Florida a couple of times.
- Reminders: Findlay Hamfest on September 9th; Ohio QSO Party on August 25th.
- Bob (RB) raised the issue of the need to eventually remove the transmitters from the Administration Building to Offenhauer within the next few years before the former building is demolished. Bob (NQW) remarked that a plan should be developed in order to accomplish this task so that a definite ordering of events is made.

Adjournment: motion to adjourn was made (RB/CVA) and passed at 8:30 pm. ■

ham— from p. 6

common insult was that someone was "ham fisted" in his sending. It is possible that commercial operators used this slang to refer to amateurs and it caught on.

Certainly, the term LID came from landline telegrapher slang. (LID was a reference to use of a tobacco can lid on the sounder to aid a poor operator in copying Morse.) This one may be true. It wouldn't be the first time that a group adopted a term originally meant as an insult to serve as a slang term for themselves.

But the one I like best goes like this. This era was filled with pulp magazines catering to the experimenter. (Everyone at the end of the Victorian age apparently viewed himself as a closet inventor or tinkerer.) One of these magazines was called Home Amateur Mechanic, and it featured many simple radio sets a person could build.

It is likely that when asked what kind of radio an operator was using, he might send back RIG HR ES HAM, meaning that it was one of the circuits shown in Home Amateur Mechanic magazine.

Since telegraphers tend to abbreviate everything, due to the low throughput of Morse, this is plausible, and Home Amateur Mechanic magazine certainly did exist in the correct era. So it was those HAM radios which started the use of ham in amateur radio. ■

WWV— from p. 4

US time and frequency via the NIST radio stations in Hawaii and Fort Collins, Colorado." The agency noted, "These radio stations transmit signals that are used to synchronize

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WWV—from p. 4

consumer electronic products like wall clocks, clock radios, and wrist-watches, and may be used in other applications like appliances, cameras, and irrigation controllers.” The specific cut would amount to \$6.3 million.

WWV and WWVH broadcast time and frequency information 24/7, including time announcements, stan-

dard time intervals, standard frequencies, UT1 time corrections, a BCD time code, geophysical alerts, and marine storm warnings. Transmissions are broadcast from separate transmitters on 5, 10, 15, and 20 MHz. WWVB transmits standard Coordinated Universal Time (UTC) signals on 60 kHz to appropriately equipped time-keeping devices. ■

FOR SALE

Hallicrafters

Sky Buddy Communications Receiver

On last power up, it worked

—asking \$80.00 OBO

Contact Chuck: dicken@bgsu.edu



WCARC 2018 ROSTER paid dues

please consult KD8NJW if you have questions about dues

FIRST	LAST	TYPE	CALL	CLASS	ADDRESS	CITY	ST	ZIP	E-MAIL-1	E-MAIL-2
1 Bob-Linda	Boughton	LIFE	N1RB-N1LB	E/E	930 Champagne Ave.	BG	OH	43402	boughton@bgnet.bgsu.edu	boughton@dacor.net
2 Jim	Barnhouse	SEN	KD8NJW	G	1919 Hamilton Dr.	Perrysburg	OH	43551	barnhouse@buckeye-express.com	
3 Jim	Davis	LIFE	K8JU	E	10990 Newton Rd.	BG	OH	43402	k8ju@arri.net	
4 Chuck	Dicken	REG	WD8ICP	E	1066 Carol Rd	BG	OH	43402		
5 Danny	Dickey	SEN	KN4LEH	T	753 N. Main St. #260	Haines City	FL	33844	c_my_taz@yahoo.com	
6 John	Dvorack	REG	KD8BIN	E	2142 Sherwood	Toledo	OH	43614		
7 James	Elliott	REG	KE8CUZ	G	P. O. Box 1455	BG	OH	43402	ke8cuz@gmail.com	
8 Lou	Graue	LIFE	K8TT	E	1501 Blue Lake Circle	Punta Gorda	FL	33983	graue@afcon.net	
9 John S.	Gruber	SEN	N8MSU	E	920 Melrose	BG	OH	43402	jgruber@wcnet.org	
10 Terry	Halliwill	SEN	KE8CVA	T	13944 Defiance Pike	Rudolph	OH	43462	thalliwillr@yahoo.com	
11 Jeff	Halsey	REG	KG8FH	A	514 Rosewood Dr	BG	OH	43402		
12 Larry-Ruth	Hasselman	LIFE	N8VNT-KC8EKT	T/T	8656 Kramer Rd.	BG	OH	43402	larry53ham1@yahoo.com	howies_mommy@yahoo.com
13 Gibson	Hoot	SEN	WB8VUL	A	144 Stonegate Blvd.	BG	OH	43402		
14 Shawn	Hudson	SEN	KB8QEW	G	14260 Bishop Rd.	BG	OH	43402	KB8QEW@gmail.com	
15 Teresa	Hudson	SEN	KB8VTO	G	14260 Bishop Rd.	BG	OH	43402	KB8QEW@gmail.com	
17 Jeff	Kline	REG	KG8QP	A	630 Rutledge Ct.	Perrysburg	OH	43551		
18 Rex	Klopfenstein	REG	KC8PFP	E	605 S. Main St.	BG	OH	43402		
19 Jeff	Kopcak	LIFE	K8JTK	E	1497 Canterbury Rd.	Westlake	OH	44145	k8jtk@yahoo.com	
20 Tom-Gerri	Kopcak	FAM	N8ETP-N8GTK	E/T	1497 Canterbury Rd.	Westlake	OH	44145	tkopcak@att.net	gtkopcak@aol.com
21 Craig	Magrum	LIFE	NM8W	E	1100 Christopher St.	BG	OH	43402	cmagrum001@woh.rr.com	
22 Steve	McEwen	SEN	K8BBK	E	1053 Pinewood Ct.	BG	OH	43402	snmcewen@wcnet.org	
23 Loren	Phillips	LIFE	W8PSK	E	324 S. Grove St.	BG	OH	43402	liphil@dacor.net	
24 Wilfred	Roudebush	SEN	KC8IFW	E	1374 Clough St.	BG	OH	43402		
25 Steve	Stewart	REG	W8AN	E	7807 Kramer Rd.	BG	OH	43402		
26 George	Stossel	SEN	W8GGS	G	19758 Sand Ridge Rd.	Weston	OH	43569	stossel@dacor.net	
27 Roger	Swinney	SEN	W8CNJ	G	27484 Oregon Rd. #271	Perrysburg	OH	43551	w8cnj@yahoo.com	
28 Jerry	Wicks	FIRST	K7JWW	G	864 Scott Blvd.	BG	OH	43402	jerrywicks@icloud.com	
29 Bob	Willman	REG	WB8NQW	E	14118 Bishop Rd.	BG	OH	43402	blcksmth@wcnet.org	
30 Eric	Willman	REG	WD8LEI	T	545 W. Poe Rd.	BG	OH	43402	mailto:eric@willmantech.com	
31 Lynn	Wineland	REG	KD8RNO	T	23 Trafalgar Bend	BG	OH	43402	mailto:unclelester1979@gmail.com	

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

