

CQ CHATTER

JULY 2016

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WOOD COUNTY AMATEUR RADIO CLUB

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WB8NQW

BOB WILLMAN

CO-VICE PRESIDENTS

K8BBK

STEVE MCEWEN

W8PSK

LOREN PHILLIPS

SECRETARY

N1RB

BOB BOUGHTON

TREASURER

KD8NJW

JIM BARNHOUSE

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

Minutes WCARC Meeting June 13, 2016

Bob-WB8NQW, presiding

Present: N1RB-Bob, KC8PFP-Rex, N8PYA-Larry, KD8NJW-Jim, K8BBK-Steve, WD8JWJ-Bill, NM8W-Craig, KE8CUZ-Jim, KD8VWU-Doug, W8PSK-Phil, W8AN-Steve, KC8EKT-Ruth, KD8RNO-Lynn, KE8CVA-Terry, K8LL-Stan, WD8ICP-Chuck, WB8VUL-Hoot, K8OVO-Don, WB8NQW-Bob

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

Minutes of May meeting- motion to approve (LEI/BBK)-unanimously approved.

Treasurer's Report: motion to approve (VUL/CUZ)-unanimously approved.

Old Business:

- Bob (NQW) reviewed the plans for Field Day on June 25-26. Set up will begin at noon at the Wood County Historical Museum. Bill (JWJ), who is in charge of food, remarked that the main course is burgers and brats; table service and bottled water will be furnished. All are requested to bring a potluck side, salad or dessert. Bob (RB) requested that anyone bringing a transceiver, antenna or other equipment please notify him so that operational plans can be made. Already on hand will be the Club's TS-440, a TS-850 and antenna tuner (supplied by N1RB). The erection of the big loop antenna will begin around noon time. Other creative antenna ideas are welcome.
- Bob reported that there is nothing new on the development of the FabLab electronics class.
- Phil (PSK) reported that two used backup Motorola receivers had

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NET CHECK INS

Jun 7 Traffic: 0

K8OVO (NCS)
KD8NJW
W8PSK
KG8FH
WD8LEI
WD8JWJ
KE8CVA
N8VNT
WB8NQW
KC8EKT
N1RB
KE8CUZ
NM8W
KD8VWU
N8PYA
K8JU (16)

Jun 14 Traffic: 1

W8PSK (NCS)
WB8NQW
NM8W
WD8LEI
N8VNT
KC8EKT
KG8FH
WD8JWJ
KE8CVA
K8BBK
KE8CUZ
K3RC
N1RB
KD8VWU
KD8RNO

BRAIN TEASERS

1. From an RF radiation exposure point of view, which material is best to use for a homemade transmatch enclosure?
 - a.) aluminum
 - b.) bakelite
 - c.) acrylic plastic
 - d.) any non-conductive material
2. If propagation changes during a contact and you notice increasing interference from other stations on the frequency, what should you do?
 - a.) tell the interfering stations to change frequency since you were there first
 - b.) report the interference to you local Amateur Auxiliary Coordinator
 - c.) turn on your amplifier to overcome the interference
 - d.) move your contact to another frequency
3. What type of instrument can be used to accurately measure an RF field?
 - a.) a receiver with an S-meter
 - b.) a calibrated field strength meter with a calibrated antenna
 - c.) a betascope with a dummy antenna
 - d.) an oscilloscope with high-stability crystal marker generator

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
Canada Day `test		CW-SSB
Jul 2-3	<i>0000 to 2359 Z</i>	160 m to 10 m
Venezuela Indep. Day `test		all modes
Jul 4-10	<i>0000 to 2359 Z</i>	10 m
10-10 QSO Party		all modes
Jul 16-17	<i>1800 to 0559 Z</i>	80 m to 10 m
North American QSO Party		RTTY
Jul 16-17	<i>1800 to 2100 Z</i>	6 m to 2 m
CQ WW VHF `test		all modes
Jul 30-31	<i>1200 to 1200 Z</i>	80 m to 10 m

July Hamfests

July 16 Northern Ohio ARS. Annual Hamfest. Lorain County Community College, Elyria, OH.

web: <http://www.wp.noars.net>

June 17 Van Wert ARC. Annual Hamfest. Van Wert County Fairgrounds, Van Wert, OH.

web: <http://w8fy.org>

DON'T FORGET!

10 meter informal net meets

Sunday @ 2030 year round on 28.335 MHz

New Zealand Weather Buoy on 30 m WSPR

from ARNewsline

There's nothing like kicking back on a sunny day, afloat in the South Pacific, doing a little low-power transmitting on 30 meters. As the weather turns warmer, what ham WOULDN'T envy this kind of privilege?

OK, well, that call sign doesn't belong to any OM or even a YL, but a marine buoy with the call sign ZL1SIX. That's spelled B-U-O-Y, for marine buoy. This is a solar-powered buoy, being carried steadily on the waters of the Pacific Ocean, where it was launched from a yacht this past May 17.

Being at sea like this can be a good thing. In this case, the ocean floater is helping track sea currents and propagation. New Zealand amateur Bob Sutton, ZL1RS, noted in a published report that its weak signal on WSPR and JT9 modes has been reporting on the tides, current and wind, also sending its battery voltage, position and information about the temperature.

To tune in, try dialing to 10.1387 MHz for WSPR. For JT9 signal, be listening just above the "WSPR band" at 1730Hz on the waterfall. You'll get everything but that nice South Pacific breeze. ■

minutes---from p.1

been purchased for the main repeater. He intends to install them in the coming week.

- Bob reminded everyone that the Yaesu Fusion repeater is in operation on 442.125 MHz in auto-mode operation. This means that any analog FM signal can open the squelch and be repeated as an FM transmission. The repeater of course will also operate in the C4FM digital mode. An informal digital mode net meets each Thursday evening at 7:30 pm.
- Bob has purchased and properly terminated the necessary cabling to carry out the repeater reconfiguration plan in the Offenhauer penthouse.
- Bob reported that he has named a Nominating Committee for 2017 officer selection consisting of Bob-N1RB and Linda-N1LB.

New Business:

- Stan (LL) announced that he has a quantity (1000 ft) of high quality coax that he is willing to sell to a Club member for \$400. Otherwise he will be selling the cable at local hamfests at a higher price.
- Bob (NQW) reminded us about the Ham II rotator that was donated to the Club by WA8SCT's XYL and sought direction on how to dispose of it. After some dis-

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WCARC Weekly Net

Tuesdays at 2100 all year

147.18 MHz 67 Hz PL

Net Control Roster

Jun 28	N1RB
Jul 5	KD8VWU
Jul 12	KD8NJW
Jul 19	NM8W
Jul 26	K8OVO
Aug 2	WB8NQW
Aug 9	N1RB

NEXT MEETING

Breakfast Meeting

Saturday, July 2

TIME: 9:00 am

PLACE: Frisch's Big Boy

E. Poe Rd. &

N. Main St.

Bowling Green, OH

minutes---from p.4

cussion, Bill (JWJ) made a motion to sell it for \$100. The motion was approved and the rotator was purchased by Terry (CVA).

- Bob (NQW) sought the sense of the house regarding having a fox-hunt. It was decided to hold a foxhunt after a breakfast meeting (September) with Bill (JWJ) as the fox.
- Chuck (ICP) asked if the Silent Key plaque was up to date. Bob responded that he was not sure and that he will check into it and update it if necessary.
- Eric (LEI) outlined his plans for holding an ARES meeting on an upcoming Tuesday so that badges can be updated. He also men-

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from ARNewsline

Canadian Sesquicentennial

Hams participating in the events marking Canada's sesquicentennial in 2017 have been given permission to use special call sign prefixes to mark the occasion.

For those Canadian amateurs wishing to change their prefix, VA becomes CF; VE becomes CG; VO becomes CH; and VY, CI.

The announcement was made by Radio Amateurs of Canada during the recent Dayton Hamvention. Radio Amateurs of Canada notes that use of the prefixes is optional -- but a nice way to mark 150 years, nonetheless. ■

NET CHECK INS

continued

Jun 21 **Traffic: 0**

WB8NQW **(NCS)**

KD8WZK/P

KD8NJW

W8PSK

N8VNT

WD8JWJ

KD8RNO

KD8VWU

N1RB

KE8CUZ

K8OVO

KC8EKT

WD8LEI

N8YAE

KE8CVA

W8MSW

KD8ZYJ

NM8W

WB8VUL

KD8WCB **(20)**

minutes---from p.5

tioned that he may not always be able to handle all severe weather nets, and that the AECs who have done it previously should continue as before.

Adjournment at 8:35 pm.

Don, K8OVO, presented a program on traffic handling, and the protocol and structure of the Radiogram message. He encouraged all to tune in to the various traffic nets, whether ARES on VHF or the OH SSB Net on 75 meters. ■

Elecraft Introduces the KX2 Transceiver

from e-ham.net

Elecraft is now in full production on the KX2 transceiver, the newest member of the company's compact KX-Line. The KX2 has features very similar to the KX3, at about half the size and weight. It fits easily in a jacket pocket. It can even be used hand-held, with a built-in microphone to facilitate HT-style operation.

The advantages of the KX2 are revealed in comments from early buyers:

"In the short time I've owned the radio, the KX2 has become my favorite radio of all time. It puts an incredible feature set into a 13-ounce package.... It's ideal for SOTA and other grab and go applications." -- Rob Capon, W3DX

"I will always travel with the KX2 now. It is just so convenient that I can't resist.... As a QRO CW and RTTY contester, my ham radio hobby has just expanded into ultra-portable operating." -- Ed Muns, W0YK

"In summary, this is an extremely feature-rich SDR portable.... The only downside is I had to wait until I was in my 60's to get this radio. If I could have had this in my teens I would

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Elecraft--from p.6

have been hell on wheels. It's that good." -- Joe Reed, N9JR

Despite its small size (1.5 x 2.8 x 5.8") and light weight (13 oz.), the KX2 can be configured as a complete HF station. Options include an internal 2.6 Ah Li-ion battery pack, internal wide-range automatic antenna tuner (ATU), hand mic, and attached CW keyer paddle. Built-in and attached accessories greatly reduce the amount of gear needed for field outings. For home and mobile use, the KX2 works with the Elecraft KXPA100 100 watt amplifier.

The KX2 can transmit in SSB, CW, and data modes at up to 10 watts. This power level, combined with adjustable speech compression, yields a truly effective SSB radio.

True SDR (software-defined radio) technology, with 32-bit I.F. DSP., provides features normally found only in desktop rigs: dual watch with stereo audio, noise blanking, noise reduction, auto-notch, 8-band RX/TX EQ, a digital voice recorder with two transmit messages, and PSK31/PSK63/RTTY text decode/display. The operator can use the attached keyer paddle to transmit in data modes without a PC.

The KX2 covers 80-10 meters (9 bands), maximizing flexibility for field ops, SOTA, micro-DXpeditions, and ultralight hiking/backpacking.

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

Two padded carrying case options are available (CS40 and CS60).

The KX2 is available factory assembled and tested for \$749. Orders can be placed via Elecraft's web page at:

<http://www.elecraft.com/> or directly by phone at 831-763-4211.

For further details, please visit www.elecraft.com. Direct links to the KX2 data sheet and full KX-Line brochure:

http://www.elecraft.com/manual/kx2_datasheet_web.pdf

http://www.elecraft.com/manual/kx2_kx3%20brochure_web2.pdf



editor's note: Elecraft is one of the few remaining domestic transceiver manufacturers of high quality equipment

Candidates Wanted

The Nominating Committee is looking for Club members who may wish to serve the organization in the capacity of officer during the year 2017. If you want to serve the WCARC, please contact the Committee members: Bob - N1RB (boughton@bgsu.edu) or Linda - N1LB (boughton@dacor.net). ■

2016 WCARC MEMBERSHIP ROSTER

1	Bob-Linda	Boughton	N1RB-N1LB	E/E	930 Champagne Ave.	Bowling Green	OH	43402
2	Jim	Barnhouse	KD8NJW	G	1919 Hamilton Dr.	Perrysburg	OH	43551
3	Wilkins	Bill	WD8JWJ	E	11065 Linwood Rd.	Bowling Green	OH	43402
4	Adam	Crammond	KE8DNU	G	34 W. Gramercy	Toledo	OH	43612
5	Jim	Davis	K8JU	E	10990 Newton Rd.	Bowling Green	OH	43402
6	James	Elliott	KE8CUZ	G	P. O. Box 1455	Bowling Green	OH	43402
7	Lou	Graue	K8TT	E	1501 Blue Lake Circle	Punta Gorda	FL	33983
8	John S.	Gruber	N8MSU	E	920 Melrose	Bowling Green	OH	43402
9	Terry	Halliwill	KE8CVA	T	13944 Defiance Pike	Rudolph	OH	43462
10	Larry-Ruth	Hasselman	N8VNT-KC8EKT	T/T	8656 Kramer Rd.	Bowling Green	OH	43402
11	Gibson	Hoot	WB8VUL	A	144 Stonegate Blvd.	Bowling Green	OH	43402
12	Greg	Huber	KE8CUX	T	654 Peregrine Dr.	Northwood	OH	43619
13	Bob	Johnson	K3RC	E	P.O. Box 248	Stony Ridge	OH	43463
14	Jeff	Kopcak	K8JTK	E	1497 Canterbury Rd.	Westlake	OH	44145-2440
15	Tom-Gerri	Kopcak	N8ETP-N8GTK	E/T	1497 Canterbury Rd.	Westlake	OH	44145
16	Craig	Magrum	NM8W	E	1100 Christopher St.	Bowling Green	OH	43402
18	Steve	McEwen	K8BBK	E	1053 Pinewood Ct.	Bowling Green	OH	43402
17	Edwin	Nagle	KE8DYA	T	16149 Normandy Rd. S.	Perrysburg	OH	43551
18	Loren	Phillips	W8PSK	E	324 S. Grove St.	Bowling Green	OH	43402
19	Daniel	Pingle	KE8DXZ	T	16826 Hodgman Rd.	Weston	OH	43569
20	Leanna	Shaberly	KB8RT	A	18077 Tuller Rd.	Bowling Green	OH	43402
21	George	Stossel	W8GGS	G	19758 Sand Ridge Rd.	Weston	OH	43569
22	Roger	Swinney	W8CNUJ	G	27484 Oregon Rd. #271	Perrysburg	OH	43551
23	Thomas	Tingley	KE8CUY	T	7402 West Lake Rd.	Perrysburg	OH	43551
24	Jerry	Wicks	K7JWW	G	864 Scott Blvd.	Bowling Green	OH	43402
25	Bob	Willman	WB8NQW	E	14118 Bishop Rd.	Bowling Green	OH	43402
26	Eric	Willman	WD8LEI	T	545 W. Poe Rd.	Bowling Green	OH	43402
27	Lynn	Wineland	KD8RNO	T	23 Trafalgar Bend	Bowling Green	OH	43402

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

