

CQ Chatter

MAY 2013

VOLUME B13 • ISSUE 4

WOOD COUNTY AMATEUR RADIO CLUB

PRESIDENT

WB8ABY

AL MURRAY

VICE PRESIDENT

WB8NQW

BOB WILLMAN

SECRETARY

N1RB

BOB BOUGHTON

TREASURER

WD8JWJ

BILL WILKINS

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

Minutes WCARC Meeting April 8, 2013

Present: *WB8ABY-Al, KB8RT-Leanna, N8DJB-Craig, WD8JWJ-Bill, KD8RNO-Lynn, WB8NQW-Bob, WB8VUL-Hoot, K8BBK-Steve, N1RB-Bob, K8OVO-Don*

Meeting opened at 7:30 pm with Pledge of Allegiance.

Minutes of last meeting and Treasurer's report accepted.

Old Business:

- Bob (NQW) reported that Chuck, WD8ICP, noted that the emergency battery for the repeater receiver in Offenbauer needs to be replaced; it is not charging. Steve (BBK) suggested that the transmitter at the Sheriff's ham station can be used---it is not being used at present and belongs to us.

- Bob (NQW) reported that the Wood County Historical Museum is reserved for the WCARC Field Day activities on June 22-23.
- Steve (BBK) reported on his work with the blind prospective ham in Portage (Doug). He has been in contact with Handihams and other blind hams in the area to help Doug out.
- Al (ABY) inquired about any movement on holding classes this summer. Bob (RB) replied that nothing has changed---he estimated the need for at least 5 candidates to make it viable.
- Al (ABY) remind everyone that the next meeting is a breakfast on May 4th and then a business meeting on June 10th.

New Business:

- Bob (NQW) circulated a sympathy card for Phil, W8PSK. There will be a memorial service for Fran Phillips on Saturday, April 20th at Trinity UMC.

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Net Check Ins

Apr 2

N1RB (NC)
K8BBK
WB8ABY
KD8SKE-Keith
KD8UHO-Zach
W8KJR-Evan (6)

Apr 9

K8OVO (NC)
KD8RSS
KD8RNO
WB8ABY
WB8NQW
K8BBK
WD8JWJ
KG8FH
KD8NJW
N1RB
KC8EKT (11)

Brain Teasers

1. Where on the load line should a solid state amplifier be operated for best stability?
 - a.) Just below saturation point
 - b.) Just above saturation point
 - c.) At the saturation point
 - d.) At 1.414 times the saturation point
2. How does a reactance modulator work?
 - a.) It acts as a variable R or C to produce FM
 - b.) It acts as a variable R or C to produce AM
 - c.) It acts as a variable L or C to produce FM
 - d.) It acts as a variable L or C to produce AM
3. If an RMS AC voltmeter reads 65 V rms on a sinusoidal waveform, what the p-p voltage?
 - a.) 46 V p-p
 - b.) 92 V p-p
 - c.) 130 V p-p
 - d.) 184 V p-p

It's Time to Renew!

Club Dues for 2013

Payable to: WCARC

P. O. Box 534

Bowling Green, OH 43402

\$10-student/senior \$15-regular \$20-family

May Contests

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

May 4-5	<i>1200 to 1159 Z</i>	160 m to 10 m
ARI (Italy) Int'l DX `test		all modes
May 4-5	<i>1300 to 0700 Z</i>	160 m to 10 m
7th Area QSO Party		all modes
May 4-5	<i>1600 to 0400 Z</i>	160 m to 10 m
Indiana QSO Party		all modes
May 4-5	<i>2000 to 0500;1300 to 2400 Z</i>	80 m to 10 m
New England QSO Party		all modes
May 11-12	<i>1200 to 1200 Z</i>	80 m to 10 m
Volta RTTY DX `test		RTTY
May 11-12	<i>1200 to 1200 Z</i>	160 m to 10 m
CQ-M Int'l DX `test		CW/SSB
May 11-12	<i>1500 to 1500 Z</i>	80 m to 10 m
Portuguese Navy Day		CW/SSB
May 11-12	<i>1700 to 1700 Z</i>	160 m to 10 m
Nevada QSO Party		all modes
May 18	<i>0800 to 1500 Z</i>	80 m to 10 m
Portuguese Navy Day		digital
May 18-19	<i>1200 to 1200 Z</i>	80 m to 10 m
EU PSK DX `test		PSK
May 18-19	<i>1200 to 1200 Z</i>	160 m to 10 m
King of Spain DX `test		CW
May 25-26	<i>0000 to 2400 Z</i>	160 m to 10 m
CQ WW WPX `test		CW

Handihams

Ed. note: Steve, K8BBK, has recently been assisting a visually impaired person with an interest in ham radio. He was directed to learn about Handihams and thought it would be informational if we all learned more about the organization in CQ Chatter. Information taken from their web page at: <http://www.handiham.org>

Our Mission

The Courage Center Handiham System provides tools for people with disabilities to learn Amateur Radio and technology skills, and to earn their Amateur Radio licenses. This sounds pretty simple and straightforward, but what is really happening behind the scenes is that people with disabilities who join our program are going to quickly learn about new technologies, including assistive technologies that will help them in other aspects of their lives, not just amateur radio. By working through the process of earning an amateur radio license, Handiham members become familiar with setting goals and following a plan to achieve them. Handiham members also become part of a worldwide community of amateur radio operators. This community is alive with opportunities for all sorts of life enhancing activities. One can make friends on the air, stay in touch with other Handiham members who might use similar assistive technology such as blind-friendly computing systems and radios, take part in competitions throughout the year thanks to the many awards and contests going on nearly all the time, and learn more about "STEM", Science, Technology, Engineering, and Math.

An important aspect of amateur radio has always been to offer assistance to one's community and to one's fellow amateur radio operators. The Handiham program emphasizes these values and encourages our members with dis-

Apr 16

WB8NQW (NC)
K8BBK/M
WD8JWJ
KG8FH
N1RB
KD8NJW
KD8RNO
W8PSK
KD8UHO
K8OVO (10)

Apr 23

N1RB (NC)
K8BBK
KD8NJW
W8PSK
WD8JWJ
WB8ABY
KD8RNO
WB8NQW
K8OVO
KC8EKT (10)

WCARC Weekly Net

Tuesdays at 2130 EDST
(0130 Z)

147.18 MHz 67 Hz PL

Net Control Roster

May 7	WB8NQW
May 14	K80VO
May 21	WB8NQW
May 28	K80VO
Jun 4	WB8NQW
Jun 11	K80VO
Jun 18	WB8NQW
Jun 25	N1RB
Jul 2	K80VO
Jul 9	WB8NQW

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abilities to "give back" by participating in public service through their local amateur radio clubs and to volunteer to help others.

The mission of our parent organization, Courage Center, is "To empower people with disabilities to reach their full potential in every aspect of life." The Handiham program takes its members through a process that builds confidence, achievement, planning, friendships, and volunteerism in service to oth-

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NEXT MEETING

BREAKFAST MEETING

Saturday, May 4th

TIME: 9:00 am

PLACE:

Frisch's Restaurant

E. Poe Rd. and

N. Main St.

Bowling Green, OH

DON'T FORGET!

10 METER

INFORMAL NET

MEETS

SUNDAY

@ 2030 EST/EDST

ON 28.335 MHZ

May Hamfests

May 17-19 Dayton ARA-Dayton Hamvention, Hara Arena, Trotwood, OH. Contact Charles, KD8JZR, (937) 276-6930.

e-mail: info@hamvention.org

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

Jun 1 Fulton County ARC-Annual hamfest, Roth Family Park, Tedrow, OH. Contact Lindsay, K8LI, (419) 346-8261.

e-mail: lindsayinf@yahoo.com

web: <http://k8bxq.org>

Jun 2 Chelsea ARC-Annual hamfest, Chelsea Fairgrounds, Chelsea, MI. Contact Frank, K8LI, (734) 945-1915.

e-mail: frank.pohs@gmail.com

web: <http://wd8iel.net>

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ers. While these values have always been a part of amateur radio, we realize that they transfer to all aspects of a successful and happy life.

History of the Courage Handiham System

The Courage Center Handiham System was "born" in Rochester, Minnesota in 1967; the idea of Ned Carman, W0ZSW. Ned worked for a clinic, and, in the course of his work, would visit people with severe physical disabilities. As he spoke with his clients, who often had few opportunities to leave their homes, he realized that Amateur Radio would be the perfect hobby for them. Here was a hobby that could

open a window to the world! A person with the most severe disabilities could stand as an equal with fellow hams in the world of Amateur Radio!

Ned enlisted the help of a group of local nuns, the Sisters of St. Francis, on April 30, 1967. Although their first action was as weather watchers during a thunderstorm that passed through Rochester that day, the Sisters were committed to helping Ned with his new project, and several received their licenses. Among them was Sister Alverna O'Laughlin, WA0SGJ, the former Educational Coordinator for the Handiham System, now retired.

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The first Handiham was Edna (Eddy) Thorson, N0YL, who took her General Class license exam in December, 1967.

Very soon the Rochester Amateur Radio Club, and a little later the PICONET of South Eastern Minnesota took up the torch of service that Ned had lighted. Word of the Handiham System spread rapidly throughout southern Minnesota and northern Iowa.

By 1969 it was very evident that the expansion of Handiham services could not continue without some rather substantial financial support. This support came from the non-profit Minnesota Society for Crippled Children and Adults (whose name would later change to "Courage Center"). The Society granted full affiliate status to the fledgling System and helped with money and equipment.

Word of the Handiham System spread throughout the Upper Midwest, then across the country, and around the world. It became impossible to continue the work of the System as a volunteer organization... something had to be done, or Handihams would be a victim of its own success. The answer emerged when Courage Center agreed to accept the System as a program, and in 1975 the Minnesota Handiham System merged with Courage Center to become a full service, providing help wherever there was a need.

The Courage Center Handiham System, now a fully-integrated service of Courage Center, is able to call on the resources of its parent organization, from accounting and counseling to rehabilitation medicine and physical therapy, in order to better serve its students and members.

Handiham stations and remote base stations controllable via the Internet are now in operation at Camp Courage, Maple Lake, MN and at Courage North, Lake George, MN. These remote base stations are designed to help Handiham members whose living situations do not allow them to have outside antennas.

Radio Camp sessions and other Handiham services serve members from everywhere in the United States and around the world. Members learn radio, electronic theory, and computing, but they also learn that they can accomplish what they set out to do!

Ned Carman has passed away, but the Courage Center Handiham System's headquarters station bears his call sign, W0ZSW, and an organization of volunteers and paid staff carries on his good work of sharing Amateur Radio with people who have physical disabilities. ■

**PhoneSat team thanks
Radio Amateurs**

from Southgate AR News

The Team behind the three PhoneSats deployed April 21 have

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thanked radio amateurs for their response so far and request further telemetry reports. They say:

Since the successful deployment of our three PhoneSats on Sunday, we have already received over 200 packets from Amateur Radio operators around the world! We are sincerely grateful for all of your support and would like to thank you for your key contributions in making this technology demonstration a success. The received packets are being processed right now and will be published soon. Please keep sending packets so we can follow the status of the satellites for the complete duration of the technology demonstration.

The three PhoneSats carry amateur radio payloads on 437.425 MHz. The call sign of all three satellites is **KJ6KRW** and they transmit using AFSK (1200 bps) modulation, AX.25 packet radio. The two PhoneSat 1.0 satellites, Graham and Bell, transmit with a periodicity of respectively 28 seconds and 30 seconds. The PhoneSat 2.0 beta satellite, Alexandre, transmits with a periodicity of 25 seconds. Register your amateur radio satellite station on the PhoneSat Dashboard at <http://www.phonesat.org/dashboard.php>

PhoneSat CubeSats with Ham Radio Payloads Launched

<http://amsat-uk.org/2013/04/22/phonesat-cubesats-launched/> ■

No June Edition of CQ Chatter

Regretfully, there will be no June edition of CQ Chatter because the editor will be out of the country for 6 weeks. FYI, a summary of important calendar items is given below:

Main Activities in June:

June 10: Business meeting on Monday, at 7:30 pm, at the Sheriff's Office.

June 22-23: Field Day at the Historical Museum. Set up will begin around noon. Please consult any officer regarding updated details as the date approaches.

Please note that the Net Control roster has been carried through July. ■

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- Bob (NQW) alerted everyone to the upcoming balloon launch by the University of Akron group. It will occur around 1:00 pm on Saturday, April 13th. Operation will be cross-band 70 cm/2m (uplink/downlink).
- Craig (DJB) attended the meeting and discussed the tower that he has acquired ownership of. He volunteered the use of the tower for the Club. There is also a 15 X 20 ft radio shack at the site. Craig mentioned that he is willing to enter into a Memorandum of Understanding with the Club should WCARC elect to use the facility.

Meeting Adjourned at 8:22 pm. ■

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

