

CQ Chatter

FEBRUARY 2013

VOLUME B13 • ISSUE 1

WOOD COUNTY AMATEUR RADIO CLUB

PRESIDENT

NM8W

AL MURRAY

VICE PRESIDENT

WB8NQW

BOB WILLMAN

SECRETARY

N1RB

BOB BOUGHTON

TREASURER

WD8JWJ

BILL WILKINS

WCARC Weekly Net

Tuesdays at 2030 EST

(0130 Z year-round)

147.18 MHz 67 Hz PL

Net Control Roster

Jan 29	WB8NQW
Feb 5	N1RB
Feb 12	NM8W
Feb 19	K80VO
Feb 26	N8YAE
Mar 5	WB8NQW

NEXT MEETING

BUSINESS MEETING

Monday, February 11th

TIME: 7:30 pm (7:00 EB)

PLACE: Sheriff's Training

Room

E. Gypsy Lane & Dunbridge Rd

Bowling Green, OH

New Officer Slate Elected

The annual kick-off banquet was held on Sunday, January 13th at Dyers Family Dining restaurant. The Officer Slate for 2013 was presented and was elected by acclamation. The WCARC officers for 2013 are:

President: Al Murray, WB8ABY

Vice President: Bob Willman, WB8NQW

Secretary: Bob Boughton, N1RB

Treasurer: Bill Wilkins, WD8JWJ

The Club has a number of weighty issues to resolve this year, so please be sure to let any of the officers know your opinion on them when they are considered. ■

Net Check Ins

Dec 25

K8OVO (NC)
WB8NQW (2)

Jan 1

N1RB (NC)
WB8NQW
K8BBK
WD8PIC (4)

Jan 8

WB8NQW (NC)
N1RB
K8BBK
WB8ABY
KC8EKT
WB8VUL
KD8RSS (7)

Jan 15

N1RB (NC)
K8BBK
KC8EKT/P
WB8NQW
WB8ABY
KG8FH
KD8RSS (7)

Jan 22

WB8NQW (NC)
K8BBK
WD8JWJ
KD8RSS
WD8ICP
N1RB
KG8FH
WB8ABY (8)

Brain Teasers

1. What are the major spectral impurity components of phase-locked-loop synthesizers?
 - a.) broadband noise
 - b.) digital conversion noise
 - c.) spurs at discrete frequencies
 - d.) Nyquist limit noise
2. What is the effective radiated power of a repeater station with 50 watts transmitter power output, 4 dB feed line loss, 2 dB duplexer loss, 1 dB circulator loss and 6 dBd antenna gain?
 - a.) 199 W
 - b.) 39.7 W
 - c.) 45 W
 - d.) 62.9 W
3. If an RMS reading AC voltmeter reads 65 V on a sinusoidal waveform, what is the peak-to-peak voltage?
 - a.) 46 V pp
 - b.) 92 V pp
 - c.) 130 V pp
 - d.) 184 V pp

K8TIH Back to Normal

Over the Christmas holidays, the WCARC repeater exhibited problems on the receiving side. Chuck, WD8ICP, inspected the site and noticed that the feed line had broken loose from the antenna. A repair party was assembled and took to the Offenbauer roof on Saturday, January 5th to reconnect the feed line. As of this writing, the repeater seems to be functioning smoothly. Many thanks to all who participated (see photos courtesy of Steve, K8BBK). ■

February Contests

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

Feb 2-3	<i>0000 to 2400 Z</i>	160 m to 10 m
Vermont QSO Party		all modes
Feb 2-3	<i>0001 to 2359 Z</i>	10 m
Ten-Ten Winter QSO Party		SSB
Feb 2	<i>1400 to 2400 Z</i>	160 m to 10 m
Minnesota QSO Party		all modes
Feb 2-3	<i>1600 to 0400 Z</i>	160 m to 10 m
British Columbia QSO Party		all modes
Feb 2-3	<i>1700 to 2359 Z</i>	160 m to 10 m
Delaware QSO Party		all modes
Feb 2-3	<i>1800 to 1759 Z</i>	80 m to 10 m
XE Int'l RTTY `test		RTTY
Feb 9-10	<i>0000 to 2400 Z</i>	80 m to 10 m
CQ WW RTTY WPX		RTTY
Feb 9-10	<i>1200 to 1200 Z</i>	160 m to 10 m
Dutch PACC `test		all modes
Feb 9-10	<i>1500 to 0300 Z</i>	80 m to 10 m
Louisiana QSO Party		all modes
Feb 15-16	<i>2100 to 2100 Z</i>	160 m to 10 m
Russian WW PSK `test		PSK31
Feb 16-17	<i>0000 to 2400 Z</i>	160 m to 10 m
ARRL Int'l CW DX `test		CW
Feb 23-24	<i>0600 to 1800 Z</i>	80 m to 10 m
REF (France) `test		SSB

GOOD NEWS FOR SCOUTS INVOLVED IN RADIO

from Amateur Radio Newsline

The national Boy Scouts of America is now recognizing any youth or adult who has an amateur radio license with a special patch that can be displayed on the uniform. The patch, in the form of a strip, has the words: "Amateur Radio Operator" on it and will soon be, if it's not there already, available at local Scout shops or through regional Scouting supply operations.

Jim Wilson, K5ND, is the BSA's director of communications services, but known in the ham community as chairman of the national Radio Scouting Committee and national Jamboree on the Air organizer. Wilson says the recognition came from discussions that began some months ago with the scout committee that selects awards and insignia for the scout uniform. He says research shows amateur radio was recognized by the Scouts as early as the 1940s..."There were some proficiency badges or awards that Scouting offered - one of which was a Scout Radioman personal interest badge that was for senior Scouts and Explorer Scouts," Wilson says. "And, you can actually find those badges in copies of the old handbooks and things like that."

Wilson says from those discussions came the first of the recommendations for the recently adopted

Morse Code Interpreter strip. But Wilson says the awards committee came back after that was approved and asked whether the Radio Scouting Committee could draft something else to recognize ham radio. Thus was born the Amateur Radio Operator patch.

"You can put this strip on your uniform and then that way be recognized for your ability to help in communication around events or around emergencies or just as a recognition that you've got this license," Wilson says. And, where does the patch go? "The right sleeve of the uniform underneath the U.S. flag there, a patrol or den emblem, and then there's the unit quality award and it goes right under those three items or if you only have two of them under the first two," Wilson says.

Wilson, who also is the volunteer coordinator for this year's K2BSA operation at the national BSA Jamboree at the Bechtel Summit Reserve in West Virginia, says you can find out more at the K2BSA website. ■

Kick-off Banquet Held

The annual WCARC kick-off banquet was held on January 13th at Dyers Family Dining restaurant. There were about 25 in attendance to partake of a delicious brunch. The new slate of officers was announced and many new calories were incorporated. ■

February Contests---continued

Feb 23-24	<i>1300 to 1300 Z</i>	80 m to 10 m
UBA (Belgium) 'test		CW
Feb 23-24	<i>1500 to 0300 Z</i>	80 m to 10 m
Mississippi QSO Party		all modes
Feb 23-24	<i>1800 to 1800 Z</i>	80 m to 10 m
North American QSO Party		RTTY
Feb 24-25	<i>1500 to 0059 Z</i>	80 m to 10 m
North Carolina QSO Party		all modes

It's Time to Renew!

**Club Dues for 2013---Payable to WCARC
P. O. Box 534, Bowling Green, OH 43402**

February Hamfests

Feb 3 Northern Ohio ARS. Annual Hamfest and Computer Show, 500 S. Abbe Rd., Elyria, OH. Contact Darlene, KA8VTS, (216) 398-8858.

e-mail: dohman@roadrunner.com

web: <http://www.NOARS.net>

Feb 17 Livonia ARC. Annual Hamfest, Livonia Civic Park Seniors Center, Livonia, MI. Contact Michael, N8MR, (734) 941-5043.

e-mail: k8uns@arri.net

web: <http://www.livoniaarc.com/swap.htm>

Feb 17 Intercity ARC. Annual Hamfest, Richland County Fairgrounds, Mansfield, OH. Contact Danny, KB8STK, (419) 896-3603.

e-mail: kb8stk1@hotmail.com

web: <http://www.w8we.org>

Repeater Repair Crew

*photos courtesy of
K8BBK*



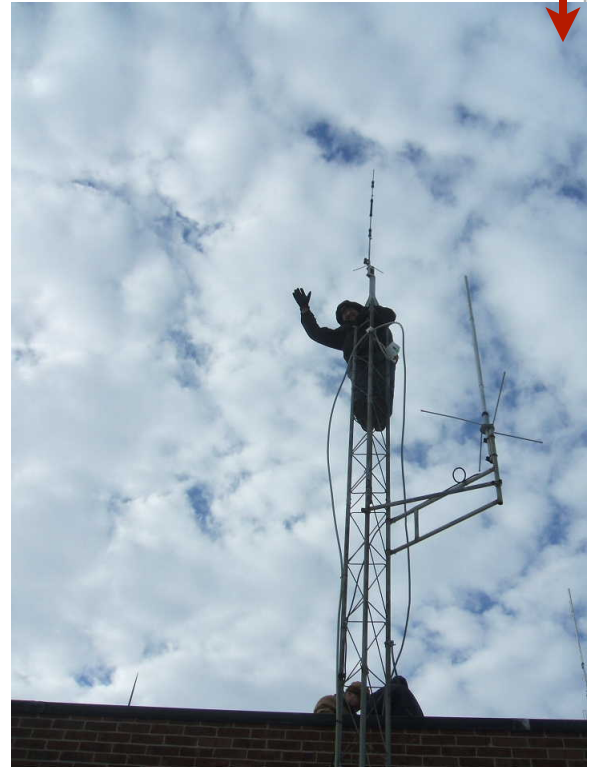
NM8W, WB8NQW and WD8ICP ↑
assess the chilly situation

Craig at the top ↓



NM8W, WB8NQW and
WD8ICP at the tower ↑

Success ↓



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

Solar Update

from ARRL Letter

The average daily sunspot numbers this past week dropped nearly 73 points to 56.4, while the average daily solar flux declined nearly 47 points to 110.7. The average geomagnetic indices were up about 50 percent, but it was still very quiet. The difference was mostly due to events on January 17 when the planetary A index was 13 -- higher than in recent weeks, but still moderate. The cause of the mild disturbance was the arrival of a coronal mass ejection (CME). The predicted solar flux from the NOAA/USAF January 23 forecast has the 10.7 centimeter flux values at 105 on January 24, 100 on January 25-28, 95 on January 29-30, 100 on January 31-February 1, 110 on February 2, 120 on February 3-4, 125 on February 5-8, 120 on February 9-14, and 115 on February 15. It doesn't look like a return to solar flux values around 170 -- where it was on January 9-12 -- is expected any time soon. But those high levels that we

saw earlier in the month weren't predicted, either. Looking back, 135 was predicted for January 9 in the November 25-December 9 daily forecasts, then downgraded to 110 on December 10-16, then increased to 115 on December 17-30, downgraded to 105 on December 31-January 2, increased to 115 on January 3, 135 on January 4, 130 on January 5-6, 145 on January 7, and 150 on January 8. The final result? On January 9, we saw 169.3, far above any of the predictions over the previous 45 days, which were revised eight times. The predicted planetary A index is 5 on January 24, 8 on January 25-26, 5 on January 27-February 8, 8 on February 9-10, and 5 on February 11-18. ■

FOR SALE

Kenwood TS-520---no mods AND will include extra 2 - NOS 6146 finals. A copy of the manual is also available and will be included. Asking \$275
Chuck, WD8ICP
dicken@falcon.bgsu.edu

DON'T FORGET!

10 METER INFORMAL NET MEETS

SUNDAY

AT 2030 EST ON 28.335 MHZ

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

