

CQ Chatter

JANUARY 2014

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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

December 9, 2013

Present: WB8ABY-Al, N1RB-Bob, K8LL-Stan, WB8NQW-Bob, K8BBK-Steve, WD8ICP-Chuck, W8PSK-Phil, WB8VUL-Hoot, K8OVO-Don, KD8NJW-Jim

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

President Al, WB8ABY, announced that the kick-off banquet was set for 12 noon on January 12th at Dyer's Family Restaurant in Bowling Green.

New Business:

- *ID Proposal:* The proposal for plastic photo ID badges that are offered by WD8LEI was discussed. The badge plus clip comes at a cost of \$7.50. It is proposed that a total of \$10 be charged to cover photography costs with the difference to be donated to the Club Treasury. Bob (RB) made a mo-

tion to this effect-seconded by Steve (BBK). The motion carried. Bob (NQW) will try to shoot all necessary pictures at the kick-off banquet in January.

- *Officer Slate:* The Officers for 2014 were elected by acclamation after suspension of the rules as follows:

President:	Al	WB8ABY
Vice President:	Bob	WB8NQW
Secretary:	Bob	N1RB
Treasurer:	Jim	KD8NJW

- *New Ham:* Steve (BBK) reported that Doug Perez successfully passed the Technician exam and has been granted the call KD8VWU. As such, Doug is eligible for a one year free enrollment as a member of WCARC.
- *Repeater Relocation:* Chuck (ICP) asked whether there had been any progress on planning for relocation of the repeater when the BGSU AD building is demolished. Current plans indicate that we have at least 2 years before the event

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BRAIN TEASERS

Net Check Ins

Dec 3

WD8NJW (NC)
K8BBK
WB8ABY
N1RB
KD8VWU
WD8JWJ
WB8NQW
K8OVO
N8YAE
W8PSK
KC8IQ
WD8PIC (12)

Dec 10

N1RB (NC)
KD8NJW
K8BBK
WB8NQW
KD8RNO
KC8ZJW
K8OVO
W8PSK
WD8JWJ (9)

Dec 17

K8OVO (NC)
WB8ABY
K8BBK
KD8VWU
KG8FH
WB8NQW
WD8LEI
N1RB
KD8FRL-Cal
KD8NJW
N8YAE (11)

1. What is the bandwidth of a vestigial sideband AM fast-scan television transmission?
 - a.) 3 KHz
 - b.) 10 KHz
 - c.) 25 KHz
 - d.) 6 MHz
2. What organization coordinates the preparation and administration of amateur license examinations?
 - a.) FCC
 - b.) a VEC
 - c.) a group of three or more volunteers
 - d.) a local radio club
3. What is the term for apparatus to effect remote control between a control point and a remotely controlled station?
 - a.) a tone link
 - b.) a wire control
 - c.) a remote control
 - d.) a control link

January Contests

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

Jan 1	<i>0000 to 2400 Z</i>	80 m to 10 m
ARRL Straight Key Night		CW
Jan 4-5	<i>1800 to 2400 Z</i>	80 m to 10 m
ARRL RTTY roundup		RTTY
Jan 5	<i>1800 to 2400 Z</i>	80 m to 10 m
Kids Day		SSB
Jan 11-12	<i>0000 to 2359 Z</i>	160 m to 10 m
North American QSO Party		CW
Jan 18-19	<i>1200 to 1200 Z</i>	160 m to 10 m
HA (Hungary) DX `test		all modes
Jan 18-19	<i>1800 to 0559 Z</i>	160 m to 10 m
North American QSO Party		SSB
Jan 18-20	<i>1900 to 0400 Z</i>	6 m up
ARRL VHF `test		all modes
Jan 25-26	<i>0600 to 1800 Z</i>	80 m to 10 m
REF (France) DX `test		CW
Jan 25-26	<i>1300 to 1300 Z</i>	80 m to 10 m
UBA (Belgium) DX `test		SSB

DON'T FORGET!

**10 meter informal net meets Sunday
@ 2030 EST/EDST on 28.335 MHz**

minutes---from p. 1

happens. Phil (PSK) indicated that he felt that the best route would be to relocate the transmitter to Offenauer alongside the receiver, but with appropriate duplexers. The thought is that the cost and the complication would be less when compared to operating at N8DJB's QTH with a control link and power costs. The telephone and computer links could of course be maintained whereas they would not be available at the N8DJB site. Bob (NQW) suggested that the Courthouse clock tower should not be dismissed out of hand---it is interior space and would allow for a short feed line. The control link would still be necessary but the computer/telephone link would still be viable since the receiver is in Offenauer tower. Al (ABY) suggested that while we should be pondering these options, there is still plenty of lead time so no action is necessary at this time.

Meeting Adjourned at 8:15 ■



Cycle 24 is the Weakest in More than Century

from ARRL Letter

Four leading solar scientists on December 11 told journalists attending the American Geophysical Union (AGU) [fall conference](#) in San Francisco that current solar Cycle 24 has demonstrated extremely low sunspot activity and appears to be the weakest cycle of the past 10 cycles -- more than 100 years. This already has resulted in milder "space weather" and less-intense geomagnetic storms and "energetic particle events," such as coronal mass ejections (CMEs), NASA scientist Nat Gopalswamy said. "The weak activity of Cycle 24 is thought to be due to the weak polar magnetic field in

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*It's time to renew
dues for 2014
payable to:
WCARC
P.O. Box 534
Bowling Green, OH
43402
see WCARC website for
membership rates*

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

WCARC Weekly Net

**Tuesdays at 2130 EDST/
2030 EST (0130 Z)**

147.18 MHz 67 Hz PL

147.18 MHz 67 Hz PL

Net Control Roster

Dec 31	KD8NJW
Jan 7	N1RB
Jan 14	K80VO
Jan 21	WB8NQW
Jan 28	KD8NJW
Feb 4	N1RB
Feb 11	K80VO

NEXT MEETING

BANQUET MEETING

Sunday, Jan. 12th

TIME: 12:00 noon

PLACE:

**Dyer's Family Dining
200 Campbell Hill Rd.
Bowling Green, OH**

Kick-off Banquet

The annual WCARC kick-off banquet will be held on Sunday, January 12th, at 12 noon. The location is Dyer's Family Restaurant, 200 Campbell Hill Rd. in Bowling Green. The format is a brunch buffet with the tab covered individually.

Also, per the vote at the last Club meeting, Bob, WB8NQW, will be on hand to take photos for the new identification badges. If you would like to purchase one, the cost is \$10.00 (see the December issue of CQ Chatter for a picture of the badge).

Remember that guy who only checks in to the net every three

months? Well, now you have a chance to see what he looks like. The banquet is always a fun time, and is a good way to reconnect with the other members and their families with an eyeball QSO or two. ■

New Officer Slate Nominated

Election of new officers is the only item of business that is considered at the kick-off banquet. The following slate of nominees is offered for your consideration:

President: Al Murray WB8ABY
Vice Pres: Bob Willman WB8NQW
Secretary: Bob Boughton N1RB
Treasurer: Jim Barnhouse KD8NJW

January Hamfests

Jan 12 Hazel Park ARC, Annual Hamfest, Hazel Park High School, Hazel Park, MI. Contact Bernie, W8NBC (248) 499-2075.

e-mail: bernieh@hotmail.com

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

Feb 2 Northern Ohio ARC, Hamfest, VFW Post 1079, Elyria, OH. Contact Darlene, KA8VTS, (216) 398-8858.

e-mail: dohman@roadrunner.com

web: <http://NOARS.net>

cycle---from p. 4

Cycle 23," an AGU news release explained. "If this trend continues for the next couple of cycles, the Sun may be heading for a global minimum."

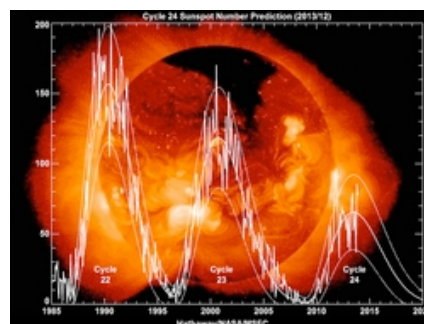
"The weak activity of Cycle 24 is thought to be due to the weak polar magnetic field in Cycle 23," an AGU news release explained. "If this trend continues for the next couple of cycles, the Sun may be heading for a global minimum."

The scientists drew no specific conclusions regarding the impact of the extremely weak Cycle 24 on radio propagation. Stanford University's Leif Svalgaard said this weak cycle had been predicted based on the behavior of the Sun's polar magnetic fields, which translate into fewer sunspots. Svalgaard believes that in a few years it will be possible to use polar field data to determine

the robustness of Cycle 25. The Sun's weak polar magnetic field could lead to an increase in cosmic ray activity, which could affect manned spaceflight.

In addition to Svalgaard and Gopalswamy, the other scientists were Martin Mlynchak of NASA-Langley, and Joe Giacalone of the University of Arizona.

According to Spaceweather.com, since 2004 there have been 821 days without sunspots, compared to 486 days for the "typical" solar minimum, but none of these days fell within 2012 or 2013. ■



Cycle 24 Sunspot Number Prediction

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

