

CQ Chatter

FEBRUARY 2014

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WOOD COUNTY AMATEUR RADIO CLUB

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N1RB

BOB BOUGHTON

TREASURER

KD8NJW

JIM BARNHOUSE

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

Kick-off Banquet Enjoyed by All

The annual Kick-off banquet was held on Sunday, January 12, at Dyers' Family Buffet. A total of a little over 20 members and XYL/YLs were in attendance. The food was very good, and as usual was presented as a brunch buffet with both breakfast and lunch entrees.

A number of photos of the group in attendance are included in this issue, courtesy of Bob, WB8NQW. It is pretty clear from the snapshots that everybody had a good time chewing the rag and engaging in eyeball QSOs.

Bob also took the opportunity to take snapshots of each person who had opted to purchase a Club ID badge. Eric, WD8LEI, will process the badges in a batch operation. If you were not able to make it to the banquet, but still wish to obtain a badge, it still may be possible by contacting WB8NQW. The cost is \$10. ■

A Century of Amateur Radio and the ARRL

from ARRL Letter

After Guglielmo Marconi proved the feasibility of radio communication in 1901, three distinct groups of radio experimenters and stations appeared: The US Navy, commercial operators, and Amateur Radio operators, derisively called "hams" (meaning bad operators) by commercial and Navy operators. Early hams took up the name with pride!

Soon there was chaos in the ether, as hams interfered with commercial and Navy stations. To curb that problem, Congress passed the Radio Act of 1912, requiring all amateurs to get licenses and to operate at wavelengths of 200 meters or shorter, spectrum considered worthless at the time.

When hams first began to pass message traffic, the typical ham station's range was measured in tens of miles, or a few hundred

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Net Check Ins

Jan 7 Traffic: 1

N1RB (NC)
K8OVO
KD8UHO/M
N8YAE
K8BBK
KG8FH
KD8RNO
KD8VWU
WD8JWJ
WB8NQW
WD8LEI
WB8ABY
KD8NJW
KC8EKT
KD8PCQ (15)

Jan 14 Traffic: 0

WB8NQW (NC)
WB8ABY
K8BBK
KG8FH
KD8NJW
KD8VWU
N1RB
KD8BIN
WD8LEI
KD8UHO
N8YAE
KD8JBS (12)

BRAIN TEASERS

1. What is meant by antenna gain?
 - a.) numerical ratio relating radiated signal strength to that of another antenna
 - b.) numerical ratio of signal in the forward direction to signal in backward direction
 - c.) numerical ratio of amount of power radiated by an antenna compared to transmitter output power
 - d.) final amplifier gain minus transmission line losses

2. If a frequency counter with time base accuracy of ± 10 ppm reads 146,520,000 Hz, what is the most the actual frequency being measured could differ from the reading?
 - a.) 146.52 Hz
 - b.) 10 Hz
 - c.) 146.52 KHz
 - d.) 1465.20 Hz

3. What is the best time of day for trans-equatorial propagation?
 - a.) morning
 - b.) noon
 - c.) afternoon or early evening
 - d.) late at night

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 1-2	<i>0000 to 2400 Z</i>	160 m to 10 m
Vermont QSO Party		all modes
Feb 1	<i>1400 to 2359 Z</i>	160 m to 10 m
Minnesota QSO Party		all modes
Feb 1-2	<i>1600 TO 0400 Z</i>	160 m to 10 m
British Colombia QSO Party		all modes
Feb 1-2	<i>0000 to 2359 Z</i>	160 m to 10 m
Delaware QSO Party		all modes
Feb 1-2	<i>1800 to 1759 Z</i>	80 m to 10 m
XE (Mexico) RTTY `test		RTTY
Feb 8-9	<i>0000 to 2400 Z</i>	80 m to 10 m
CQ WW RTTY WPX		RTTY
Feb 8-9	<i>1200 to 1200 Z</i>	160 m to 10 m
Dutch PACC `test		all modes
Feb 8-9	<i>1600 to 0400 Z</i>	160 m to 10 m
New Hampshire QSO Party		all modes
Feb 14-15	<i>2100 to 2100 Z</i>	160 m to 10 m
Russian WW PSK `test		PSK
Feb 15-16	<i>0000 to 2359 Z</i>	160 m to 10 m
ARRL Int'l CW `test		CW
Feb 22-23	<i>0600 to 1800 Z</i>	80 m to 10 m
REF (France) DX `test		SSB
Feb 22-23	<i>1300 to 1300 Z</i>	80 m to 10 m
UBA (Belgium) DX `test		CW

February Contests-continued

Feb 22-23	<i>1800 to 0559 Z</i>	80 m to 10 m
North American RTTY QSO Party		RTTY
Feb 23-24	<i>1500 to 0059 Z</i>	80 m to 10 m
North Carolina QSO Party		all modes

February Hamfests

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>

Feb 16 Intercity ARC, Hamfest, Richland County Fairgrounds, Mansfield, OH. Contact Danny, KB8STK, (419) 296-8165.

e-mail: kb8stk1@hotmail.com

web: <http://w8we.org>

RUSSIA ENDS LONG-WAVE BROADCASTING

from ARNewsline

Without any fanfare, Russia has quietly switched off nearly all of its long-wave transmitters. This as cost cutting by the Russian government finally catches up with this medium after nine decades on the airwaves.

The BBC report that on January 9th that state-run Radio Rossii ended its broadcast day as usual with the national anthem. There

was no mention that long-wave transmissions were coming to an end but the following day listeners found they had to rely on local FM broadcasts and the internet to hear the station.

Long-wave had long suited Russian broadcasters because a single transmitter could reach a wide area at all times of day and night. But they are expensive to operate and as most listeners switched to listening on FM, through cable, satellite and the internet, the authorities decided to bring the service to an end. ■

WCARC Weekly Net

Tuesdays at 2130 EDST/

2030 EST (0130 Z)

147.18 MHz 67 Hz PL

Net Control Roster

Jan 28	KD8NJW
Feb 4	N1RB
Feb 11	K80VO
Feb 18	WB8NQW
Feb 25	KD8NJW
Mar 4	N1RB
Mar 11	K80VO

NEXT MEETING

BUSINESS MEETING

Monday, Feb 10th

TIME: 7:30pm/7:00EB

PLACE:

Sheriff's Training Room

E. Gypsy Lane &

S. Dunbridge Rd.

Bowling Green, OH

Table Available

As in previous years, the TMRA is graciously offering the WCARC a free table at their annual hamfest, which is scheduled for Sunday, March 16th. The event will be held on the Owens Community College campus at the Student Center. If you wish to place equipment on the table, please contact the Treasurer, KD8NJW, to make arrangements. The hamfest typically runs from 8am until 2pm. Tickets are still \$6.00 apiece. There are door prizes which require the winner to be in attendance, plus a grand prize which does not. For further information, see: <http://tmrahamradio.org>. ■

DON'T FORGET!

10 meter informal

net meets Sunday

@ 2030 EST/EDST

on 28.335 MHz

Net Check Ins
continued

Jan 21 Traffic: 0

K8OVO (NC)
K8BBK
N1RB
WD8JWJ
KG8FH
KD8NJW
KD8VWU
WD8LEI
N8YAE
WB8NQW
WB8ABY
KC8IGC
KD8UHO (13)

It's time to renew !

dues for 2014

payable to:

WCARC

P.O. Box 534

Bowling Green, OH 43402

senior/student \$10.00

regular \$15.00

family \$20.00

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

ARRL---from p. 1

miles for the best-equipped stations. So hams would relay messages from station to station until they reached their destination.



ARRL Co-Founder Hiram Percy Maxim.

One night in April 1914, Hiram Percy Maxim, 1WH, in Hartford, Connecticut, was unable to contact a station in Springfield, Massachusetts, to send a message. Maxim reached another ham at the midway point of Windsor Locks, Connecti-

cut, and that station successfully relayed the message to Springfield.

This event made Maxim realize that there should be an organization to promote smooth and reliable message relays. In April 1914 he presented his thoughts to the Radio Club of Hartford, which agreed to sponsor the activity, using the name Maxim chose -- the American Radio Relay League. In February 1915, the ARRL separated from the HRC, and incorporated as a nonprofit entity.

By March 1915, it became obvious that a publication was required to disseminate information to the 600 relay stations on the ARRL's roster. Maxim and Clarence D. Tuska (HRC Secretary) privately funded the first three issues of *QST* to meet that need. The first issue was published in December 1915. ■

Photos from the Kick-off Banquet at Dyers'

courtesy of WB8NQW



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