CQ Chatter

OCTOBER 2013 VOLUME B13 • ISSUE 8

WOOD COUNTY AMATEUR RADIO CLUB

Antenna Program Featured for October

The October business meeting will feature a presentation afterwards by Jack Hubbard, NI8N, on "Antennas for the Real World". Jack is a retired Civil Engineer and construction contractor. His presentation includes demonstrations, model antennas, and a Power Point presentation. He will cover standing waves and transmission lines, full wave loops, and efficient broadband dipoles that can be multi banded and fit onto small city lots. Make sure you don't miss what promises to be a very interesting program on Monday, October 14th at 7:30 pm. ■

October Foxhunt Planned

Due to popular demand, a Fall foxhunt is planned to take place on ***Saturday, October 12th***, starting at 10 am. It was decided at the September meeting that the Club should hold the event on a day when more people could participate, rather than tying it to a business or breakfast meeting.

So, it's time to polish off your direction finding gear and jump into the chase to track down the fox. The hunt will kick off on the 147.18 repeater, but once started it will switch to 146.55 simplex, or as designated by the fox. Once all foxhounds have been successful, the tradition is to share a meal at some local eatery. Fox hunting is a great way to hone your skills at picking up weak signals as well as interpreting arcane references to local landmarks. Good luck and good hunting! ■

Ambient Backscatter New Power Source

from ARRL Letter

University of Washington researchers believe we may be one step closer to an "Internet-of-things" reality. UW engineers have created a new wireless communication system that allows devices to

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Net Check Ins

Sep 3

K8OVO (NC)
KI4DKX
W8PSK
KD8RNO
WD8JWJ
KG8FH
WB8NQW
KD8NJW
N1RB
WD8ICP
N8VNT (11)

Sep 10

WB8NQW (NC)
W8PSK
KI4DKX
KG8FH
WD8JWJ
KD8NJW
KD8RNO
KC8EKT
WB8ABY
K8OVO
N8YAE
WD8ICP (12)

Brain Teasers

1. Which sideband is commonly used for 10 m phone operation?

a.) upper sideband
b.) lower sideband
c.) amplitude compandored sideband
d.) double sideband

2. What can you do if you are told that your FM transceiver is over-deviating?

a.) talk louder into the microphone
b.) let the transceiver cool off
c.) change to a higher power level
d.) talk farther away from the microphone

3. What polarization does most man-made electrical noise have in the hf and vhf spectrum?

a.) horizontal
b.) left-hand circular
c.) right-hand circular
d.) vertical

October Contests

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

Oct 4-6	*1400 to 0200 Z*	160 m to 10 m
DX/NA YLRL Anniv. Party		**all modes**
Oct 5-6	*0800 to 0800 Z*	160 m to 10 m
Oceania DX 'test		**SSB**
Oct 5-6	*1200 to 1200 Z*	20 m to 10 m
Worked All Britain 'test		**SSB**
Oct 5-6	*1600 to 2200 Z*	160 m to 10 m
California QSO Party		**all modes**
Oct 12-13	*0800 to 0800Z*	160 m to 10 m
Oceania DX 'test		**CW**
Oct 12-13	*1600 to 0600; 1400 to 2359 Z*	80 m to 10 m
Arizona QSO Party		**all modes**
Oct 12	*1600 to 0500; 1300 to 2200 Z*	160 m to 10 m
Pennsylvania QSO Party		**all modes**
Oct 19-20	*0000 to 2400 Z*	80 m to 10 m
JARTS WW RTTY 'test		**RTTY**
Oct 19	*1400 to 2300 Z*	160 m to 10 m
Iowa QSO Party		**all modes**
Oct 19-20	*1400 to 0200 Z*	*160 m to 10 m*
New York QSO Party		**all modes**
Oct 19-20	*1500 to 1459 Z*	80 m to 10 m
Worked All Germany 'test		**all modes**
Oct 19-20	*1600 to 2359 Z*	160 m to 10 m
W/VE Islands QSO Party		**all modes**

Sep 17

W8PSK (NC)
WD8JWJ
WB8NQW
KG8FH
WB8ABY
N1RB
KD8NJW
N8YAE (8)

Sep 24

KD8NJW (NC)
NM8W
W8PSK
KG8FH
WB8NQW
WD8JWJ
KD8RNO
N1RB
N8YAE
K8OVO (10)
--1 pc. traffic--

Ed. Note: thanks to W8PSK and KD8NJW for joining the net control rotation.

Ham Radio Publications Pioneer Wayne Green, W2NSD, SK

from ARRL News

Wayne S. Green II, W2NSD ("Never Say Die"), of Hancock, New Hampshire, died September 13. He was 91. A well-known and often outspoken figure during what some consider Amateur Radio's golden years in the 1950s and 1960s, Green helmed *CQ Magazine* for 5 years before becoming the self-proclaimed "El Supremo and Founder" in 1960 of *73* magazine, which he published until 2003.

"The purpose of *73* at that time was to get more hams building equipment," Green recounted in a **radio interview** several years ago. A hallmark of *73* was Green's iconic, rambling, and wide-ranging "Never Say Die" editorials, in which he rarely missed an opportunity to tweak the ARRL and his magazine competitors for their perceived shortcomings. In 2012 Green contributed back issues of *73* to **Internet Archive**.

"Wayne will be remembered in many different ways by many different people, but he will be long remembered," said ARRL CEO David Sumner, K1ZZ. "He maintained his membership in the ARRL despite being a persistent critic. In the early days of packet radio he gave me some good advice as to how the ARRL should promote the new technology: 'Talk about it as if everybody's doing it, and eventually they will be.'"

Indeed, Green often was ahead of the curve in promoting such technologies as single-sideband phone, solid-state, FM, and the marriage of computers and ham radio, and he went on to found and publish *Byte* and other computer-oriented publications. "I live mostly in

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October Contests-continued

Oct 20-21	*1700 to 0100 Z*	160 m to 10 m
Illinois QSO Party		**all modes**
Oct 26-27	*0000 to 2359 Z*	160 m to 10 m
CQ WW SSB 'test		**SSB**

WCARC Weekly Net

Tuesdays at 2130 EDST

(0130 Z)

147.18 MHz 67 Hz PL

Net Control Roster

Oct	1	N1RB
Oct	8	K8OVO
Oct	15	WB8NQW
Oct	22	W8PSK
Oct	29	KD8NJW
Nov	5	N1RB
Nov	12	K8OVO

NEXT MEETING

BUSINESS MEETING

Monday, Oct. 14th

TIME: 7:30pm/7:00 EB

PLACE:

Sheriff's Training Room

E. Gypsy Lane Rd.and

S. Dunbridge Rd.

Bowling Green, OH

DON'T FORGET!

10 METER INFORMAL NET

MEETS SUNDAY

@ 2030 EST/EDST ON 28.335 MHZ

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

October Hamfests

Nov 3 **Massillon ARC-53rd Annual Hamfest**, Massillon Boys and Girls Club, Massillon, OH. Contact Terry, N8ATZ, (330) 837-3091.
e-mail: truss@sssnet.com
web: http://www.w8np.org

NSD---from p. 4

the future," Green was quoted as saying.

Former ARRL Contributing Editor Stan Horzepa, WA1LOU, once wrote in his "Surfin'" web column, "We take computers and the Internet for granted today. I first became interested in computers when Wayne Green, W2NSD, started writing about them in *73* magazine in the 1970s. Back then, you had to build your own from scratch or from kits."

Green maintained a larger-than-life presence, even in the years after he faded from the Amateur Radio spotlight, and he never did really retire. "Hey old buddy, I will miss you," radio talk show host Art Bell, W6OBB, posted to Wayne Green's **blog**. "NEVER SAY DIE is a phrase that will be with me till it's my time." Green was an occasional guest on Bell's "Coast to Coast AM" overnight talk program. There hardly was an issue that Green would not confront, and he expounded a variety of unconventional science, health, and medical theories — from cold fusion and the moon landing to AIDS and cancer cures. He continued to **write** and speak frequently on these topics and others, as well as on public policy, even at hamfests where he was a guest.

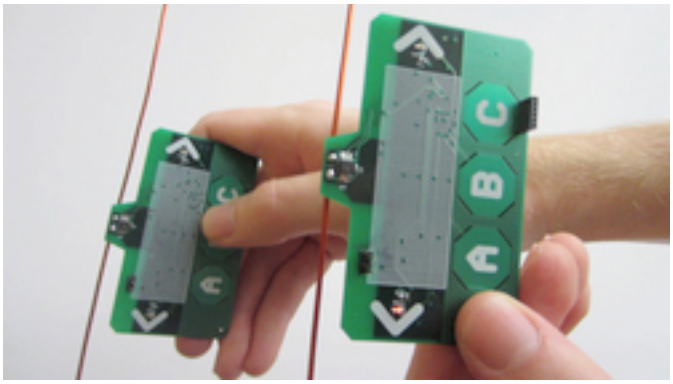
The "Final" in his blog sums up Green's overarching philosophy. "Wayne Green passed away September 13, 2013 in a peaceful, painless transition from this life on Earth. An eternal optimist, and one who loved to share his never-ending zest for life, he was a friend to many and will be missed greatly. Wayne was not afraid of dying and was very much ready to embark on his next great adventure to the afterlife." ■

IDs Please!

Our Club has a number of new members who may not know your name when you attend a meeting, breakfast, or some other event, such as the upcoming foxhunt. If you have an ID badge or a hat, or in fact anything else that would indicate your name and call to someone whom you do not know, please wear it when possible. Yes, there is an introduction period at the meetings, but a badge is a permanent reminder. ■

ambient---from p. 1

interact with each other *without* relying on batteries or wires for power. Using something they call "ambient backscatter," these devices can interact with users and communicate with each other without using batteries. They exchange information by reflecting or absorbing existing radio signals. Two devices communicate by reflecting the existing signals to exchange information. The researchers built small, battery-free devices with antennas that can detect, harness and reflect a television signal, which then is picked up by other similar devices. The technology could enable a network of devices and sensors to communicate with no power source or human attention needed.



Using ambient backscatter, these devices can interact with users and communicate with each other without using batteries. They exchange information by reflecting or absorbing existing radio signals. [University of Washington photo]

"We can repurpose wireless signals that are already around us into both a source of power and a communication medium," said lead researcher Shyam Gollakota, a UW assistant professor of computer science and engineering. "It's hopefully going to have applications in a number of areas including wearable computing, smart homes and self-sustaining sensor networks."

The researchers published their results at the Association for Computing Machinery's Special Interest Group on Data Communication August 2013 conference in Hong Kong. Their research received the conference's "Best Paper" award. "Our devices form a network out of thin air," said co-author Joshua Smith, a UW associate professor of computer science and engineering and of electrical engineering. "You can reflect these signals slightly to create a Morse code of communication between battery-free devices."

The original article and video are on the UW website. For more information, contact Gollakota and Smith at abc@cs.washington.edu. ■

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