

CLUB OFFICERS

President: Mike Brannock, KG4IES
V. President: Todd Rose, KE4YAH
Secretary: Paul Harrington III, KB4ENQ
Treasurer: Steve McFadden, KA4TJD

Trustee for KY4WC Jerry Mueller, KC4WZO

COMMITTEE CHAIRMAN

Program: Steve McFadden, KA4TJD
Emergency: Jerry Mueller, KC4WZO
Drew Chandler, KI4TFI
Field Day: Paul Harrington III, KB4ENQ
Web Site: Jerry Mueller, KC4WZO
Net Control: Paul Harrington III, KB4ENQ
Repeater: Steve McFadden, KA4TJD
News Letter: Paul Harrington III, KB4ENQ
Fund Raising: Todd Rose, KE4YAH
Adopt-a-Highway: Paul Harrington III, KB4ENQ

The Woodford County Amateur Radio Club meets on the first Wednesday of each month at 7:00 p.m., at the Versailles Fire Station #2 on Big Sink Pike (38°3'34" N 84°43'11" W). Anyone interested in Amateur Radio is cordially invited.

The Club holds an ARES practice net Thursday evenings at 8:00 p.m. Nets are held on the 145.330 repeater.

The Woodford County Amateur Radio Club Home Page is located on the internet at <http://www.ky4wc.org>. The Club receives e-mail at ky4wc@ky4wc.org. E-mail may be sent to the membership by sending a message to maillist@ky4wc.org.

W.C.A.R.C. Christmas Dinner

We will be having our December meeting in the community meeting room at the Woodford County Court House. Date Dec. 2nd, 5-8 PM. All are welcome - members, former members and anyone interested. This is our annual pot luck. The club will be furnishing a meat tray and fried chicken. Please bring a dish or desert to share. Also bring your own drinks - no alcohol.

Christmas Parade, December 5th

This year the parade will start at 4:00p.m. Participating members should plan to be on site at 2:00 p.m. Plans will be firmed up at the December meeting.

From the ARRL Newsletter: NCVEC to Release New Technician Question Pool in January 2010

The Question Pool Committee (QPC) of the National Conference of Volunteer Examiner Coordinators (NCVEC) is due to release the new Technician class (Element 2) question pool to the 14 VECs on December 1, 2009; it will be released to the public in January 2010. Each question pool for the three Amateur Radio license classes -- Technician, General and Amateur Extra -- is reviewed on a four-year rotation. This new Technician class pool will become effective on July 1, 2010.

According ARRL Assistant VEC Manager Perry Green, WY10, the QPC reviews the three question pools every four years to ensure that the questions are kept current with the latest amateur practice and technology, as well as addresses information relevant to that particular license class. "In the case of the Technician pool, the question set should provide for the new Technician licensee to be able to establish his station and operate it legally, courteously and safely. The Technician question pool and exam are intended to be the beginning of the journey into the Amateur Radio Service. It prepares the person for the enjoyment of operating, and that of preparing to learn electronics, the cornerstone of the education needed to obtain the further enjoyment that can come with the higher license classes." see page 2

The November meeting of the Woodford County Amateur Radio Club was called to order at 7:04 p.m. by the Club President, Mike Brannock, KG4IES.

Minutes: Steve McFadden, KA4TJD, seconded a motion make by Rob Hutchinson, KI4ODT, that the minutes be accepted as published. The motion carried.

Treasurer's Report: Steve McFadden, KA4TJD reported an opening balance of \$\$\$\$\$.\$.
Checks were written to cover raffle expenses of \$\$\$\$ (\$\$\$\$ for newspaper space, \$\$\$\$ for tickets, and \$\$\$\$ supplies), and \$\$\$\$ for postage. The closing balance is \$\$\$\$\$.\$. Rob Hutchinson, KI4ODT, seconded a motion made by Todd Rose, KE4YAH, that the Treasurer's report be accepted. The motion carried.

Repeater: Steve McFadden, KA4TJD, reported that all repeaters were functional. It was noted that they all used the same identification message and it might be helpful if the user would tell which machine was active by a unique identification message.

Adopt-a-Highway: Adopt-a-Highway activities are finished for the year. Planning for 2010 events will most likely come up at the March 2010 meeting.

Old Business: The Christmas parade is scheduled for December 5th. This year the parade will start at 4:00p.m. Note: this is an hour earlier than in past years.

Participating members should plan to be on site at 2:00 p.m. Plans will be firmed up at the December meeting.

New Business: Nomination for 2010 Club officers are, Mike Brannock, KG4IES, President; Todd Rose, KE4YAH, Vice President; Paul Harrington III, KB4ENQ, Secretary; and Steve McFadden, KA4TJD, Treasurer. Additional nominations will be entertained at the December meeting immediately before the election.

The Club will hold it's annual Christmas dinner at the Courthouse Community room. Members are invited to bring family members. This is a pot luck event and each attendee should provide their own beverage (non-alcoholic). Check e-mail from Steve McFadden, KA4TJD, for more details.

Drew Chandler, KI4TFI, reported on improvements to the EOC and asked if the Club would be interested in installing an operating station as part of the upgrades. Todd Rose, KE4YAH, seconded a motion made by Rob Hutchinson, KI4ODT, that the Club should

accept this offer. The motion carried.

Editor's Note: I received a note from Jerry Hatchett, N8NZF, indicating that he has moved to St. George, Utah. He said: "It was good to work with all you gentlemen." We wish Jerry the best of luck in his new location.

The meeting adjourned at 8:08 p.m. No motion on record.

Attendance:

Name:	Call:	Member:	If driving
Steve McFadden	KA4TJD	Y	is better
Todd Rose	KE4YAH	Y	in the
Drew Chandler	KI4TFI	Y	winter
Paul Harrington III	KB4ENQ	Y	because
Mike Brannock	KG4IES	Y	the
Rob Hutchinson	KI4ODT	Y	potholes
Don Drury	KD4UBF	Y	are filled

Net Report:

11/05/09	11/12/09	11/19/09	
KI4TLY	KB4ENQ	KE400I	
KJ4I44	KF4LRK	KB4ENQ	
KJ4JAA	KE4GNX	AJ4LS	
K4HOD	KI4TLY	KE4LZP	
W2IF	W4XXL	KG4VAR	See the member
KG4VAR	W2IF	KE4GNX	data page for a
KI40Z	K4LZP	KF4LRK	list of local
KM4CH	KY40Z	KA4TJD	nets.
W4XXL	WA4PCS	KI40JG	
KF4LRK	KI4TFI	KI4TLY	First call in
KI40JG	KD4UBF	N6BX	each list
WA4PCS	KG4VAR	WA4PCS	indicates net
	KI40JG	W2IF	control.

Visit one of you local Hamfests this year. See a list of Hamfests and Exam dates on the last page.

From page 1

Green is a member of the NCVET's Question Pool Committee. Other members of the QPC include Chairman Roland Anders, K3RA (Laurel VEC), Larry Pollock, NB5X (W5YI VEC), Jim Wiley, KL7CC (Anchorage VEC) and Tom Fuszard, KF9PU (Milwaukee VEC).

Green said that earlier this year, the QPC solicited input from Amateur Radio operators concerning the new question pool, accepting input for new question topics and new questions, as well as suggestions for changes or deletions: "The QPC must rely on members of the Amateur Radio community to suggest questions and answers in a responsible manner to preserve a high level of legitimacy for our radio service, so the NCVET QPC seeks input from the amateur community concerning a revision."

see page 3

From page 2

The new question pool will become effective for all examinations administered on or after July 1, 2010, and it will remain valid until June 30, 2014. The current Technician question pool that became effective July 1, 2006 will expire June 30, 2010. The new Technician pool contains approximately 400 questions, from which 35 are selected for an Element 2 examination. This question pool will contain graphics and diagrams, something new for this element.

The current General class question pool was effective July 1, 2007 and is valid through June 30, 2011. The current Amateur Extra class pool was effective July 1, 2008 and is valid until June 30, 2012.

W1AW 2009/2010 Winter Operating Schedule

From ARRL Headquarters

Morning Schedule:

Time	Mode	Days
1400 UTC (9 AM EST)	CWs	Wed, Fri
1400 UTC (9 AM EST)	CWf	Tue, Thu

Daily Visitor Operating Hours:

1500 UTC to 1700 UTC - (10 AM to 12 PM EST)
1800 UTC to 2045 UTC - (1 PM to 3:45 PM EST)

(Station closed 1700 to 1800 UTC (12 PM to 1 PM EST))

Afternoon/Evening Schedule:

2100 UTC (4 PM EST)	CWf	Mon, Wed, Fri
2100 " "	CWs	Tue, Thu
2200 " (5 PM EST)	CWb	Daily
2300 " (6 PM EST)	RTTY	Daily
0000 " (7 PM EST)	CWs	Mon, Wed, Fri
0000 " "	CWf	Tue, Thu
0100 " (8 PM EST)	CWb	Daily
0200 " (9 PM EST)	RTTY	Daily
0245 " (9:45 PM EST)	VOICE	Daily
0300 " (10 PM EST)	CWf	Mon, Wed, Fri
0300 " "	CWs	Tue, Thu
0400 " (11 PM EST)	CWb	Daily

Frequencies (MHz)

CW:	1.8025	3.5815	7.0475	14.0475	18.0975
RTTY:	21.0675	28.0675	147.555		
		3.5975	7.095	14.095	18.1025
	21.095	28.095	147.555		
VOICE:	1.855	3.990	7.290	14.290	18.160

Notes:

CWs = Morse Code practice (slow) = 5, 7.5, 10, 13 and 15 WPM

CWf = Morse Code practice (fast) = 35, 30, 25, 20, 15, 13 and 10 WPM

CWb = Morse Code Bulletins = 18 WPM

CW frequencies include code practices, Qualifying Runs and CW bulletins.

RTTY = Teleprinter Bulletins = BAUDOT (45.45 baud), BPSK31 and MFSK16 sent only as time allows.

Code practice texts are from QST, and the source of each practice is given at the beginning of each practice and at the beginning of alternate speeds.

On Tuesdays and Fridays at 2330 UTC (6:30 PM EST), Keplerian Elements for active amateur satellites are sent on the regular teleprinter frequencies.

A DX bulletin replaces or is added to the regular bulletins between 0100 UTC (8 PM EST) Thursdays and 0100 UTC (8 PM EST) Fridays.

In a communications emergency, monitor W1AW for special bulletins as follows: Voice on the hour, Teleprinter at 15 minutes past the hour, and CW on the half hour.

All licensed amateurs may operate the station from 1500 UTC to 1700 UTC (10 AM to 12 PM EST), and then from 1800 UTC to 2045 UTC (1 PM to 3:45 PM EST) Monday through Friday. Be sure to bring your current FCC amateur radio license or a photocopy.

The W1AW Operating Schedule may also be found on page 102 in the October 2009 issue of QST or on the web at, <http://www.arrl.org/wlaw.html>.

Ham Radio Operators Assist in Catalina Island Rescue

Around 9:45 on the night of October 23, while attending an overnight event at the Boy Scouts' Camp Emerald Bay on Santa Catalina Island, Karl Tso, KI6PCW, and his wife, Deborah Ava, KJ6CRZ, of Topanga, California, decided to climb a hill to check out the view -- and to see if they could get into the repeater on the island with their handheld transceivers. As they climbed the hill, the two radio amateurs heard a sound; Tso turned his high-powered flashlight on the source, only to discover a man who had fallen 48 feet to the rocks below, bleeding and severely injured.

According to Los Angeles County Disaster Communications Service (LADCS) Recruiting Officer Norm Goodkin, K6YXH, Tso and Ava were on Catalina for an overnight Cub Scout event. While on the 26 mile boat ride to the island, the couple turned on their radios and got on the local repeater; a fellow ham passed them the frequency of the repeater on Catalina Island and they programmed it into their radios. "Just the weekend prior, both Karl and Deborah attended one of our classes and in that class, we showed them how to program frequencies in their radio. They are members of the Topanga Disaster Radio Team (DRT), part of the Topanga Coalition for Emergency Preparedness (T-CEP)," Goodkin told the ARRL.

That evening on their walk up the hill, they discovered Peter Koll, 61, had fallen, crashing down to the rocks below. At the accident scene, Tso and Ava got on their radios and quickly made contact with Scott Bastian, KD6QZX, of Fullerton, who called emergency services. Joyce Wood, KD6HYO, of Costa Mesa, who stood by in case further assistance was required. Koll was evacuated by Bay Watch and airlifted to St Mary's Hospital in Long Beach. According to the LA County Sherriff's office, his current condition is unknown.

"It was a surreal experience that Deborah and I will never forget," Tso told the ARRL. "We were horrified, yet very happy that we were there for the gentleman that was injured. At the same time, we strangely felt empowered, knowing that the ham radio system works. As we hoped, the ham community is for the most part made up of people who want to be helpful to others in times of need. Deborah and I are new to the ham community, but we would encourage others to become involved."

AA2EJ Wins Nobel Prize in Physics

Around 5:30 on the morning of October 6, George E. Smith, AA2EJ, of Barnegat, New Jersey, got a phone call that changed his life: He had just found out he had won the Nobel Prize in Physics for 2009 "for the invention of an imaging semiconductor circuit -- the CCD sensor." Smith will share the prize money with two other recipients: Charles K. Kao, of Standard Telecommunication Laboratories in the United Kingdom and Chinese University of Hong Kong, and Willard S. Boyle, of Bell Laboratories. Each recipient will receive a diploma, a medal and a document confirming their share of SEK 10 million (about \$1.4 million); Kao will receive 50 percent, while Smith and Boyle will each receive 25 percent of the monetary award.

Kao was recognized by the prize committee for his "groundbreaking achievements concerning the transmission of light in fibers for optical

communication." His discoveries paved the way for optical fiber technology, used for almost all telephony and data communication today. Boyle and Smith invented a digital image sensor -- the CCD -- that has become an electronic eye in almost all areas of photography.

"My wife Janet, AA2EI, and I sailed around the world for 17 years," Smith told the ARRL. "While we were on our boat, we used Amateur Radio, especially in the South Pacific. Janet was the principal radio operator. With our radio, we could keep track of other boats in the area. Over in the Southwest Pacific, there are shore stations there that provide weather forecasts every day on the ham radio. We would listen for these, as it was such a tremendous help for us as sailors."

The CCD -- invented in about an hour over lunch when Smith and Boyle worked at New Jersey's Bell Labs -- was, according to Wired Magazine, the first practical way to let a light-sensitive silicon chip store an image and then digitize it. In short, it is the basis of today's digital camera. According to Wired, the "most amazing thing about the invention" is that Boyle and Smith came up with the design so quickly. With Bell Labs threatening to take the funds from their department and transfer the money to other research, Boyle had to come up with a competing semiconductor design. He got together with Smith, and within an hour, they came up with the idea and sketched it all out on a blackboard.

"One morning in October, 1969," Boyle wrote on his Web site, "I was challenged to create a new kind of computer memory. That afternoon, I got together with George Smith and brainstormed for an hour or so on a new kind of semiconductor device, drawing a few sketches and equations on a blackboard. We called it a charge-coupled device: A 'CCD.' When we had the shops at Bell Labs make up the device, it worked exactly as expected, much to the surprise of our colleagues."

When asked by the ARRL how he felt about winning the Nobel Prize, he exclaimed, "I feel great! Even though there's a lot of nonsense to go through with it, it's worth it and winning it does wonders for your ego. Aside from the initial shock and having to go through piles of mail, e-mail and returning telephone calls, I know that will calm down. As for the long-range future, I'm getting many invitations to give talks. Next year, I've been invited to speak at a major conference in Seoul, South Korea, another in Portland Oregon and another in Switzerland. I've been invited to France to give a talk, China, too. We need to sit down with a

Upcoming Exams: Exams listed are within 100

miles of Woodford
County

05-Dec-2009

Sponsor: CINCINNATI REPEATER
ASSOC INC
Time: 8:30 AM (Walk-ins ok)
Contact: DALE W PRITCHETT
(513)769-0789
Email: KC8HJL@ARRL.NET
VEC: ARRL/VEC
Location: HARTWELL
PRESBYTERIAN CHURCH
210 PARKWAY AVE
INTERSECTION PARKWAY/WOODBINE
NEAR VINE/GALBRAITH & I-75
CINCINNATI, OH 45216

10-Dec-2009

Sponsor: MILFORD ARC
Time: 6:00 PM (Walk-ins ok)
Contact: BARBARA L STEWARD
(513)625-8651
Email: WSTEWARD@FUSE.NET
VEC: Laurel VEC
Location: FAITH CHURCH
5900 PRICE RD
MILFORD, OH 45150

12-Dec-2009

Sponsor: THOROUGHbred DX GROUP
Time: 1:30PM (Walk-ins ok)
Contact: MARGUERITTE WILLIAMS
(859)245-2140
Email: KE4MAJ@ARRL.NET
VEC: Western Carolinas ARS VEC
Location: RED CROSS BLDG -
CLASSROOM B
1450 NEWTOWN PIKE
AT GRIFFITH GATE BLVD
[HTTP://WWW.LEXKYWCARS.ORG/](http://www.lexkywcars.org/)
LEXINGTON, KY 40511

19-Dec-2009

Time: 10:00AM (Walk-ins ok)
Contact: Dan Schryver W4XXL
859-536-9091
Email: w4xxl@insightbb.com
VEC: W5YI
Location: Tanbark Health Care
Center
1121 Tanbark Road
(Tates Creek Road at Man
0'War Blvd)
Lexington, KY 40515
Test fee is 14.00 (cash,
check or money order)
Coffee and Donuts provided.

09-Jan-2010

Sponsor: UNSPONSORED
Time: 11:30AM (Walk-ins
allowed)
Contact: NICHOLAS C KLINGER
(812)522-6570
Email: KC9JOY@GMAIL.COM
VEC: ARRL/VEC
Location: JACKSON COUNTY
LIBRARY - ROOM #1
303 W 2ND ST
SEYMOUR, IN 47274

16-Jan-2010

Sponsor: RCARC
Time: 10:00AM (Walk-ins
allowed)
Contact: DELBERT M FELIX
(812)689-3161
Email:
WY9L.THEBIGDOG@GMAIL.COM
VEC: ARRL/VEC
Location: TYSON LIBRARY
325 TYSON ST
TALK-IN:441.775
TALK-IN:147.52 SIMPLEX
VERSAILLES, IN 47042

Upcoming Hamfests:

6 Mar 2010

Mammoth Cave ARC
<http://www.geocities.com/ky4x2000>
Talk-In: 146.34/94
Contact: Larry Brumett,
KN4IV
108 Withers Drive
Glasgow, KY 42141
Phone: 270-651-2363
Email: lbrumett@glasgow-
ky.com
Cave City, KY
Cave City Convention Center
502 Mammoth Cave Street
Div: Great Lakes
Sect: Kentucky

The Dayton Hamvention will
be held May 14, 15 and 16
2010. Visit
www.hamvention.com for more
information.

11 Sep 2010

Greater Louisville Hamfest
50
Greater Louisville Hamfest
Association
<http://LouisvilleHamfest.com>
Talk-In: 146.700 MHz (PL
79.7)
Contact: Bob Myers, K4RVM
P0 Box 34444
Louisville, KY 40232-4444
Phone: 502-935-6710
Email:
GLHA50@LouisvilleHamfest.com
Shepherdsville, KY
Paroquet Springs Conference
Centre
395 Paroquet Springs Drive
Div: Great Lakes
Sect: Kentucky

Local Club Meetings:

Jessamine Amateur Wireless
Society (Nicholasville)
Meetings are the second
Monday each month at 7:00
p.m. Location is the Corman
Building behind City Hall on
Main Street. Talk-in, and
information on the 145.490 (-
600) and 444.975 repeaters.

Capital ARS: Regular meeting
dates are the first Thursday
of the month, at 7:30 pm, at
the Frankfort Boone National
Guard Center, Emergency
Operation Center or
Communications Center, off
Highway 127, the Frankfort
West Plaza Connector. A photo
ID is required to enter thru
the guarded entrance.
Contact: PATRICK K COMPTON,
KF4FMZ Phone: (502) 607-1617
(D) (502) 454-8282 (N) Web:
<http://www.ky4eoc.com> E-mail:
ky4eoc@ky4eoc.com

Anderson County meets every
2nd Monday of the month.
7:00 p.m. at the Anderson
County EMS Building, 1191
Bypass South, next to the
Ford dealership.

Bluegrass Amateur Radio
Society The regular meeting
of the Bluegrass Amateur
Radio Society, Inc., will be
held every first Monday, 7:30
p.m. at the Red Cross
Building, 1450 Newtown Pike,
Lexington.

Scott County Amateur Radio
and Emergency Service Club (
SCARES), Meetings are the
third Saturday each month,
9:00 a.m. in the EOC (lower
level o Fire Station), 2200
Cincinnati Pike (
intersection of U.S. 25 N and
Delaplain Road). Check in
to their weekly simplex net
Tuesdays at 9:00 p.m. on
147.490.

Central Kentucky ARS (
Richmond-Berea), Third
Thursday each month in the
Madison County EOC, Richmond,
Kentucky, at 7:00 p.m.. Talk-
in on 146.865 (-600, pl-
192.8Hz) and 145.370 (-600,
pl-192.8Hz) repeater for
location directions to
meeting site, or other
information.

Pioneer ARC (Winchester),
Fourth Tuesday each month
Golden Corral Restaurant at
7:30 p.m. Talk-in, and info
on the 147.120 repeater.

calendar and figure it all out. Having a Nobel makes a big dent in your lifestyle."

Smith told the ARRL that he knew the CCD was under consideration for the Nobel Prize, "but we didn't know exactly if, or when, it would happen. Research that wins the Nobel is often done many years beforehand. In my case, this was 40 year old research. The Prize Committee wants to make sure the research has stood the test of time.

"Amateur Radio has always attracted individuals who want to understand and exploit nature's laws," fellow Nobel Laureate Joe Taylor, K1JT, told the ARRL. "These are essential characteristics for first-rate scientists, as well. The 2009 Nobel Prize in Physics honors the invention of an imaging semiconductor circuit -- the CCD sensor used in digital cameras, the Hubble Space Telescope and many other scientific and consumer devices. It was no great surprise to learn that one of the Laureates, George Smith, is also a radio amateur." Taylor was awarded the Nobel Prize in Physics in 1993 "for the discovery of a new type of pulsar, a discovery that has opened up new possibilities for the study of gravitation."

Next month, Smith will travel to Stockholm, Sweden for the award ceremony on December 10. It is certain that his picture will be taken scores of times by the international media, made possible through the technology that he and Boyle pioneered.

If you install security lights on your house and garage, but leave both doors unlocked, you may live in Indiana .