

CLUB OFFICERS

COMMITTEE CHAIRMAN

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

Program: Steve McFadden, KA4TJD
Emergency: Jerry Mueller, KC4WZO
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

Trustee for KY4WC Jerry Mueller, KC4WZO

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.

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.

National Weather Service Spotters Class

Monday, April 6th, 2009, 6:00 p.m. (registration starts at 5:30)
Courthouse Community Room.

The National Weather Service, SKYWARN Program trains volunteers as severe weather spotters. SKYWARN volunteers support their local community by providing the NWS with timely and accurate severe weather reports. These reports when integrated with modern NWS technology, are used to inform communities of proper actions to take as severe weather threatens. You have the opportunity to sign onto the resource list for Louisville after the training. Call Keith Slugantz, Director, Woodford County Emergency Management to register.

From the ARRL Newsletter: John Kanzius, K3TUP (SK)

==> JOHN KANZIUS, K3TUP (SK)

John Kanzius, K3TUP, of Erie, Pennsylvania, passed away February 18 in Florida from pneumonia. He was 64. Kanzius was best known for his research into finding a cure for cancer using radio waves, specifically 13.56 MHz.

In 1966 at age 22, Kanzius came to Erie, Pennsylvania to work for JET Broadcasting. After 24 years as a broadcast engineer, he was appointed vice president and general manager of the company in 1980. After retiring, Kanzius was diagnosed with leukemia in 2002. He summarized his chemotherapy in a February 2008 article in QST as "Hoping we kill the cancer before we kill the person"<<http://p1k.arrl.org/cgi-bin/toppdf.cgi?id=109317&pub=qst>>. In October 2003 -- thinking (see pg 3)

Thank You to the DoubleTree Guest Suites of Lexington, 2601 Richmond Rd., for duplication of this month's Newsletter

The meeting was called to order by the Club President, Mike Brannock, KG4IES at 7:05 p.m.

Minutes of the Last Meeting: There were several issues with the January minutes.

The Treasurer's report should have indicated \$30.00 as the cost of ham given as a door prize at the Christmas dinner.

The balance sheet for 2008 was unreadable due to spacing and will be included again. And the pages were out of order. No motion is on record concerning the January minutes.

Treasurer's Report: The opening balance was \$\$\$\$\$. \$\$\$\$ in member dues was collected. Expenditures for the month were \$\$\$\$ for postage. The closing balance is \$\$\$\$\$. No motion is on record.

Summary of 2008:

Opening Balance:	\$\$, \$\$\$.
Expenses:	
Postage:	\$\$\$\$.
State Treasurer:	\$\$.
New Checks:	\$\$\$.
Insurance:	\$\$\$\$.
Repeater Dues:	\$\$\$.
Christmas Party:	\$\$\$.
Subtotal:	\$\$\$\$.
Income:	
Dues:	\$\$\$\$.
Raffle proceeds:	\$\$\$\$.
Subtotal:	\$\$\$\$.
Closing Balance:	\$\$, \$\$\$.

Repeater: Steve McFadden, KA4TJD, reported that the sound recorder chip used in the design of the repeater controller modification is no longer available. An alternate part has been selected and acquired along with the other parts to continue modifying the repeater controllers. The new part uses a different processor interface method than the original and will require a redesign effort for the modification. Board layout and etching has been placed on hold until this work is completed.

Newsletter: Members are encouraged to offer material and suggestions for the Newsletter. Thanks to the members who have volunteered to receive the Newsletter via e-mail. If you wish to receive the Newsletter by e-mail, please contact Paul Harrington III, KB4ENQ.

Adopt-a-Highway: The Spring schedule for Adopt-a-Highway will be discussed at the March meeting.

Old Business: See page 1 for Skywarn class details.

Meeting was adjourned at 7:50 p.m. No motion on record.

Attendance:

Jim Hughes	K4ZPL
Paul Harrington III	KB4ENQ
Todd Rose	KE4YAH
Steve McFadden	KA4TJD
Mike Brannock	KG4IES

Net Report:	02/12/09	02/26/09	
	KB4ENQ	KB4ENQ	
02/05/09	02/19/09	KI4TLY	KI4ZWW
KB4ENQ	KB4ENQ	AJ4BC	KI4TLY
KF4LRK	KE4STM	KJ4IKM	KJ4JQU
KE4GNX	KE4LZP	KE4STM	KE4LZP
K4HOD	KE400I	KB4SOG	KE4STM
AJ4BC	KF4LRK	KE400I	KG4VAR
KE4LZP	KE4GNX	KD4UBJ	WA4PCS
KI4YTM	KE4AIE	KE4GNX	KF4LRK
KG4VAR		KI40JG	KD4UBJ
KE400I		KI4TLW	KE4GNX
KA4TJD		WA4PCS	KI4YTM
KI40JG		KI4YTM	KE4AIE
WA4PCS		KJ4FDP	KE400S
KE4AIE		WD4HXE	KI40JG
		KF4LRK	

From the ARRL Newsletter:

* ARRL Continuing Education Course
Registration: Registration remains open through Sunday March 8, 2009 for these online course sessions beginning on Friday, March 20, 2009: Amateur Radio Emergency Communications Level 2, Antenna Modeling, and Radio Frequency Propagation. Each online course has been developed in segments -- learning units with objectives, informative text,

* ARRL Continuing Education Course
 Registration: Registration remains open through student activities and quizzes. Courses are interactive, and some include direct communications with a Mentor/Instructor. Students register for a particular session that may be 8, 12 or 16 weeks (depending on the course) and they may access the course at any time of day during the course period, completing lessons and activities at times convenient for their personal schedule. Mentors assist students by answering questions, reviewing assignments and activities, as well as providing helpful feedback. Interaction with mentors is conducted through e-mail; there is no appointed time the student must be present -- allowing complete flexibility for the student to work when and where it is convenient. To learn more, visit the CCE Course Listing page <<http://www.arrl.org/cep/student>> or contact the Continuing Education Program Coordinator <cce@arrl.org>.

==> JOHN KANZIUS, K3TUP (SK)

there had to be a better treatment -- Kanzius had the idea to kill the cancer cell with radio waves, not a new idea. But Kanzius went a bit further: Instead of using needles, as was currently used, why not "trick" the cancer cells into absorbing a metal target -- sent by RF -- into the inside of the cancer cells, leaving the healthy cells alone?

In 2005, Kanzius teamed up with cancer researchers at M. D. Anderson (part of the University of Texas health system in Houston) and Rice University (also in Houston). Using nanoparticles -- metallic objects measured in billionths of an inch -- heated by RF using a machine that Kanzius invented, the researchers were impressed: "The research scientists at Rice were stunned to see that my device could heat nanoparticles at the 13.56 MHz frequency," Kanzius said.

Kanzius credited his father for his inspiration: "Trying to build an array that would heat particles one billionth of a meter in length was challenging. But building equipment all of my life was

inspired by my dad, W3NRE, who was licensed in 1934."

Kanzius told ARRL Media and Public Relations Manager Allen Pitts, W1AGP, that if it were not for his Amateur Radio background, "and all the days of experimentation to improve my station, this new procedure for treating cancer, which continues to show such promising results, would probably not be on the cutting edge at the largest cancer center in the world [M. D. Anderson]."

But Kanzius did more than just try to find a cure for cancer. In 1991, he was Top of Honor Roll in the ARRL DXCC program; at his death, he had 347 countries confirmed. In the March/April 1987 issue of NCJ, Tim Duffy, K3LR, described K3TUP as "a relatively new contest call," but said Kanzius had been DXing for many years: "As he has caught the contest bug, John has taken a station which was designed for busting DX pileups and converted it over to have the flexibility and brute force required to compete in Multi-Single contesting." Duffy described the station as sitting "situated on a high ridge that overlooks Lake Erie. The station is well secluded from city-type radio noise and the rural setting allows John to run several temporary beverages for low band receiving." Both Duffy and Randy Thompson, K5ZD, have operated from Kanzius's station.

Pitts recalled that in 2007, he received an e-mail from a ham, asking if he was aware of the research Kanzius was attempting: "I looked at the attached video clip and I was skeptical. But I became more curious about this kitchen table tinkerer-ham and investigated the claims. I learned two major things: First, this was not a harebrained scheme -- it really worked (!), and -- even more important for me -- John Kanzius was a true gentleman. Bright, polite and enthusiastic without being overbearing, I liked him. Over the next months as I wrote the QST article about his work, I came to know him and his true desire to help other cancer victims. Since then, we stayed in touch by phone and e-mail. I enjoyed his delight as each step in the

process of bringing his machine and concept to human use was proven by M. D. Anderson and other cancer research facilities. Some people just make your world better by being there. John was one of those people. Though I never met him in person, it was always good to hear from him and I enjoyed the friendship. Losing him makes the world a little colder. I will miss him."

Kanzius is survived by his wife Marianne, two daughters -- Sherry Kanzius and Toni Palmer -- and two grandchildren.

Memorial contributions may be made to the John Kaznius Research Fund <<http://www.kanziuscancerresearch.org/>>, Palace Business Center, 915 State St, Erie, PA 16501.

==> WORLD AMATEUR RADIO DAY TO RECOGNIZE AMATEUR RADIO'S ROLE IN DISASTER COMMUNICATIONS

Each year on April 18, radio amateurs celebrate World Amateur Radio Day. On that day in 1925, 84 years ago, the International Amateur Radio Union (IARU) was founded <<http://www.iaru.org/>>. In 2009, the theme of the event is Amateur Radio: Your Resource in Disaster and Emergency Communication.

"It is not by coincidence that last year's meeting of the IARU Administrative Council (AC) <<http://www.arrl.org/news/stories/2008/06/26/10186/?nc=1>> chose this subject at this time," said IARU International Coordinator for Emergency Communication Hans Zimmermann, F5VKP/HB9AQS. "While the Amateur Radio Service has traditionally made its contributions to emergency and disaster response ever since its very beginnings almost 100 years ago, this role has gained a lot of importance just in the recent past."

Citing the fact that natural, as well as manmade disasters are on the rise, Zimmermann pointed out that today's modern communication technologies are "increasingly complex, infrastructure-dependent and therefore also increasingly vulnerable. The Amateur Radio Service puts two equally valuable assets at its disposal for emergency and disaster

prevention, preparedness and response: A large number of very flexible and mostly infrastructure-independent, local, national, regional and global networks, and a large number of skilled operators, who know how to communicate with often very limited means and to establish communications even under the most difficult circumstances."

Zimmermann said that the tools available to Amateur Radio operators "range from the most robust means such as battery-operated stations operating in Morse code, to links through Amateur Radio satellites and interconnectivity with the Internet, in voice, text, image and data modes. They range from local VHF networks of fixed, mobile and portable stations to shortwave networks that span the globe. All these networks are operated on a daily basis by men and women who are thoroughly familiar with their technology and their intricacies."

"Telecommunications have become a commodity that society takes for granted," Zimmermann stated, adding that "the sudden loss of that service is often felt in a similar way to the loss of shelter, food and medical support. When disasters occur in regions that do not have good coverage by public networks -- or when existing communications infrastructures have just been disrupted or destroyed by such events -- the Amateur Radio Service comes to the rescue. Amateur Radio operators provide communications for the rescuers and relief workers and their organizations and they help to provide communications for those affected by a disaster."

Zimmermann continued: "In fact, contributions to emergency and disaster relief are a major argument for the preservation and the extension of the privileges the Amateur Radio Service enjoys in international and national regulations. This is one of the reasons why more and more Amateur Radio operators -- through their clubs and their national societies -- prepare very seriously for their role in emergencies; however, their skills can be put to use only if they are known by other first responders. Effective response to emergencies can only occur with the work of volunteers

Upcoming Exams: Exams listed are within 100 miles of Woodford County

07-Mar-2009
Sponsor: CINCINNATI REPEATER ASSOC INC
Time: 8:30 AM (Walk-ins allowed)
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

09-Mar-2009
Sponsor: NKARC
Time: 6:00 PM (No walk-ins)
Contact: LYLE H HAMILTON (513)315-4032
Email: AB8SH@ARRL.NET
VEC: ARRL/VEC
Location: HILLTOP CHURCH OF CHRIST
5300 TAYLOR MILL RD
REG REQUIRED-3 DAYS PRIOR
TAYLOR MILL, KY 41015

12-Mar-2009
Sponsor: MILFORD AMATEUR RADIO CLUB
Time: 6:00PM (Walk-ins allowed)
Contact: LYLE H HAMILTON (513)315-4032
Email: AB8SH@ARRL.NET
VEC: ARRL/VEC
Location: FAITH CHURCH
5900 PRICE RD
MILFORD, OH 45150

Upcoming Hamfests:

7 Mar 2009
Mammoth Cave ARC
<http://www.geocities.com/ky4w2000>
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

May 15, 16, 17, Dayton
Hamvention, Hara Arena
Conference & Exhibition
Center, Dayton, Oh.

July 11, Indianapolis
Communications and
Technology Expo, Camp
Sertoma, Indianapolis, In.

September 12, Greater
Louisville Hamfest, Paroquet
Springs Conference Center,
Shepardsville, KY.

September 19, Central
Kentucky Amateur Radio
Society, Madison County
Fairgrounds, Richmond, Ky.

14-Mar-2009
Sponsor: BLUEGRASS AR SOCIETY
Time: 10:00AM (Walk-ins allowed)
Contact: FERNIE D WILLIAMS (859)245-2140
Email: KE4MAI@ARRL.NET
VEC: ARRL/VEC
Location: RED CROSS BUILDING-CLASSROOM B
1450 NEWTOWN PIKE
AT GRIFFIN GATE BLVD
[HTTP://WWW.BLUEGRASSARS.ORG](http://www.BLUEGRASSARS.ORG)
LEXINGTON, KY 40511

28-Mar-2009
Sponsor: OH- KY- IN ARS
Time: 12 NOON (Walk-ins allowed)
Contact: BRIAN C DEYOUNG (859)635-3095
Email: K4BRI@ARRL.NET
VEC: ARRL/VEC
Location: SALEM PRESBYTERIAN CHURCH
3132 MOZART AVE
CORNER MOZART & HIGBEE
CHEVIOT/WESTERN HILLS AREA
CINCINNATI, OH 45202

04-Apr-2009
Sponsor: CIN. REPEATER ASSOC
Time: 8:30 AM (Walk-ins ok)
Contact: DALE W PRITCHETT (513)769-0789,
KC8HJL@ARRL.NET
VEC: ARRL/VEC
Location: HARTWELL PRESBYTERIAN CHURCH
210 PARKWAY AVE
INTERSECTION PARKWAY/WOODBINE NEAR VINE/GALBRAITH & I-75
CINCINNATI, OH 45216

11-Apr-2009
Sponsor: HARDIN COUNTY TESTERS
Time: 9:30AM (Walk-ins allowed)
Contact: ARCHIE A MACK (270)351-6159
Email: AMACK1@BBTEL.COM
VEC: ARRL/VEC
Location: HARDIN COUNTY PUBLIC LIBRARY
NORTH BRANCH
800 SOUTH LOGSDON PARKWAY
ACROSS FROM NORTH HARDIN HS
RADCLIFF, KY 40160

19-Apr-2009
Sponsor: THOROUGHBRED DX GROUP
Time: 1:30PM (Walk-ins allowed)
Contact: MARGUERITTE E 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.LEXYWCARS.ORG/](http://www.LEXYWCARS.ORG/)
LEXINGTON, KY 40511

24-Apr-2009
Sponsor: LAKE CUMBERLAND ARA
Time: 7:00 PM (Walk-ins allowed)
Contact: WANDA L MUNSEY (606)416-3144
Email: WM4LM@HUGHES.NET
VEC: ARRL/VEC
Location: SOMERSET COMMUNITY COLLEGE
ROOM 128
MEECE HALL
NORTH CAMPUS OFF FORD DR
SOMERSET, KY 42501

From page 4: in all the various fields, from search and rescue to medical assistance and those who can provide food and shelter.

Communication skills are a new, but equally vital commodity."

The ARRL Letter is published Fridays, 50 times each year, by the American Radio Relay League: ARRL--the national association for Amateur Radio, 225 Main St, Newington, CT 06111; tel 860-594-0200; fax 860-594-0259; <<http://www.arrl.org>>. Joel Harrison, W5ZN, President.

The ARRL Letter offers a weekly e-mail digest of essential and general news of interest to active radio amateurs. Visit the ARRL Web site <<http://www.arrl.org>> for the latest Amateur Radio news and news updates. The ARRL Web site <<http://www.arrl.org/>> also offers informative features and columns. ARRL Audio News <<http://www.arrl.org/arrlletter/audio/>> is a weekly "ham radio newscast" compiled and edited from The ARRL Letter. It's also available as a podcast from our Web site.

A clear conscience is usually the sign of a bad mdmory.

Local Club Meetings:

Jassamine 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.