

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. 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.



WCARC Field Day

Members worked 138 stations in 38 states (including Hawaii) and Canada. 56 of the 80 recognized ARRL/RAC sections were reached. Our estimated score is 276 points for the 138 contacts, and 770 bonus points, for a total of 1046 points.

At the left, Steve McFadden, KA4TJD, instructs Ben Marshall (13), KJ4IKN, on the setup and operation of one of the HF stations. Ben made several contacts Saturday afternoon.

Little Caesar's Pizza and Clark Distributing both contributed to this year's Field Day event.

Front row left to right, Paul Harrington IV, KF4YRK, holding Paul Harrington V (no call yet), James Harrington, KF4LRK, George Rice KC4YUI, Debbie Harrington, KE4GNX. Back row, Mike Brannock, KG4IES, Drew Chandler, KI4TFI, Paul Harrington III, KB4ENQ, Steve McFadden, KA4TJD, and Todd Rose, KE4YAH.

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



Minutes of the July 1st Meeting

Web Site: It was suggested that the pictures on the site be updated.

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

Emergency: Drew Chandler, KI4TFI, reported on an exercise to be held in August. He was kind enough to forward the details to be included here:

Minutes: The minutes of the June meeting were accepted as published. No motion was recorded.

Treasurer's Report: Steve McFadden, KA4TJD, reported an opening balance of \$\$\$\$\$. deposit of \$\$. \$\$, dues collected, and \$. \$\$, sale of Club Apparel, resulting in a closing balance of \$\$\$\$\$. Todd Rose, KE4YAH, seconded a motion made by Drew Chandler, KI4TFI, that the Treasurer's report be accepted. The motion carried.

The Kentucky National Guard will be facilitating a statewide pandemic exercise the week of August 3rd through 7th. All agencies, public and private, have been invited to play at whatever level they are comfortable committing resources. On August 5th, a full-scale scenario targeted at law enforcement will take place on the campus of Midway College. The following day, August 6th, will present a full-scale scenario aimed at all other emergency disciplines. Hazardous Materials teams will be brought in from all over the Central Kentucky region to the Midway College campus to test capabilities such as detection, containment, and decontamination.

Field Day: The Field Day report has not been completed at this time, however a rough count shows 146 contacts. It was suggested: 1) That we make signs to help visitors find our Field Day site. 2) Obtain and install connectors to speed up rotator installation. 3) Have custom standoffs machined to fit between the rotator and the rotator plate. 4) Provide for headphone connections. 5) Use a more uniform logging method.

Mock patients will be run through a decontamination shower and triage by Emergency Medical Services. Some will be transported to area hospitals, including Bluegrass Community where testing will occur for surge capacity on their emergency department and protocols about handling contaminated patients. As part of the overall statewide exercise, the State Emergency Operations Center (SEOC) in Frankfort will be attempting to make contact with every county via amateur radio throughout the week. The Woodford County Mobile Command Post will be deployed to the Midway College Campus and we will at some point be losing traditional communications as part of the exercise. We would like to have members of the WCARC make contact with the State Emergency Operations Center (KY4EOC) and ensure that we are one of the counties that communicates via amateur radio. For more information, please contact Drew Chandler at 859-983-2158.

Newsletter: Thanks to Rob Hutchinson, KI40DT, for the second in a series on Pod Casts related to Amateur Radio. 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.

Thanks Drew!

Fund Raising: Todd Rose, KE4YAH, reported that he was collecting the prizes for this year's raffle. The drawing will be held at Hillbilly Daze in Millville on September 19th.

The meeting was adjourned at 8:25 p.m. No motion was recorded.

An additional ticket sales event will be scheduled at Kroger's, most likely September 12th.

Adopt-a-Highway: An Adopt-a-Highway event is scheduled for August 1st. Members should meet at McDonald's for breakfast at 8:00 a.m. Trash pickup should commence around 9:00.

Attendance:

As a matter of New Business, it was suggested that the club obtain trigger operated trash pickup devices similar that that used by Paul Harrington III, KB4ENQ.

Name:	Call:	Member:
Steve McFadden	KA4TJD	Y
George L. Rice	KC4YUI	Y
Todd Rose	KE4YAH	Y
Mike Brannock	KG4IES	Y
Drew Chandler	KI4TFI	Y
Paul Harrington III	KB4ENQ	Y

This unit has been used on several of the Adopt-a-Highway events, and has proven to be effective. George Rice, KC4YUI, seconded a motion made by Mike Brannock, KG4IES, that 5 of the devices be purchased at an estimated cost of \$100.00. The motion carried. These tools should be available for the August 1st event. Adopt-a-Highway:

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

Net Report:

07/01/09 See the
 KB4ENQ member data
 W2IF page for a
 KB4ENQ KB4ENQ W4XXL list of local
 W4XXL W4XXL KI40JG nets.
 W2IF W2IF KG4VAR
 KE4LZP K4MRP KF4DSS This month's
 KD4UBF KI4TLW KU4OZ net list only
 WD4HXE WA4PCS K4MRP reports three
 KF4LRK K4HOD KF4SKI sessions due
 KE400I KI4JWK KF4LRK to early
 KE4GNX KF4LRK KE4GNX publication
 KA4TJD KE400I KA4TJD of the
 KI4TLW KE4GNX KE4AIE Newsletter.
 WEA4PCS KI40JG KI4TLY The net
 KI4TFI KD4UBF KD4UBF lists for the
 KI40JG KI4TLY WA4PCS remainder of
 K4MRP KE4LZP KI4TLY the month
 KE4AIE KE4AIE KI40JE will be
 KU4A published in
 KJ4JAA the August
 KI4ZFQ Newsletter,
 KJ4IZZ which should
 KK4IY be published
 on the normal
 schedule.

First call in each
 list indicates net
 control.

From the ARRL Newsletter:

==>WHAT'S NEW AT DAYTON 2009 -- THE
 UNABRIDGED VERSION

The July 2009 issue of QST had a one page
 overview of some of the major
 pieces of equipment introduced at the Dayton
 Hamvention. There is no way
 a single person can track down everything on
 display that's new in the
 time available, but QST Technical Editor Joel
 Hallas, W1ZR, did find
 quite a bit more -- much more than can be
 squeezed into the available
 QST page.

"We reported on many other categories of
 interest, including new VHF and
 antenna-related equipment, as well as many
 categories of accessories,"
 he said. "When you click on the link, you'll
 find a description of the
 rest of the new items I tracked down during a
 very busy three days at
 Dayton."

Check it out on the ARRL Web site
 <[http://www.arrl.org/files/qst-
 binaries/QS0709NewatDayton.pdf](http://www.arrl.org/files/qst-binaries/QS0709NewatDayton.pdf)>.

==> ARRL TEACHERS INSTITUTE: "IT IS
 ELEMENTARY, IT IS ADVANCED, IT IS
 SOMETHING FOR EVERYONE"

Four sessions of the ARRL's Teachers
 Institute on Wireless Technology wrapped up
 in June

<<http://www.arrl.org/FandES/tbp/ti.html>>.
 These sessions -- in Tucson, Arizona; Rocklin,
 California; Viera, Florida, and Berrien
 Springs, Michigan -- saw 52 educators complete
 the four day course. The California and
 Arizona sessions were held simultaneously,
 marking the first time that the ARRL has
 offered simultaneous sessions of the popular
 summer program for teachers. According to
 Education and Technology Program Coordinator
 Mark Spencer, WA8SME, the addition of two new
 TI instructors made it possible to hold two
 sessions at the same time. "With Miguel
 Enriquez, KD7RPP, and Nathan McCray, K9CP0, on
 board," Spencer said, "we are able to hold
 more sessions, and in turn, involve more
 teachers in the process of bringing wireless
 technology into their classrooms."

Tucson, Arizona -- June 15-18 At Pueblo Magnet
 High School in Tucson, Enriquez led a group of
 16 local teachers through the four day
 curriculum that includes basic
 electronics, the science of radio, space in
 the classroom, microcontroller programming and
 basic robotics. The class included nine math
 teachers from Pueblo, three special education
 teachers from Pueblo, one 4th grade teacher
 from a feeder elementary school to Pueblo, two
 graduate students/teaching assistants in
 fields involving electronics from University
 Medical Center (University of Arizona teaching
 hospital) and one University of Arizona
 employee commissioned to work with area
 schools and recruit high school students into
 space, science and mathematics programs at the
 University of Arizona.

"The majority of the participants had
 expressed an interest in learning
 electronics," Enriquez said. "In the coming
 year, I plan on following up the introduction
 they received at the TI by teaching
 electronics as part of a professional
 development program."

Enriquez said that each of the teachers will
 refer students whom they believe will be
 interested in ham radio to his "Radio, Space
 and Wireless Technologies" class he will begin
 teaching this fall: "Several teachers who have
 that period as their planning period also
 stated they would drop by to see the students
 in action and perhaps even help teach!"

Enriquez said that there are 16 "really
 excited teachers in Tucson right now. I intend
 to do everything I can to get them all
 involved in the application of the knowledge
 and procedures they learned this week. The
 only way we can really make the Teachers
 Institutes ultra successful is to coordinate a
 cadre of teachers who understand and apply the

knowledge and tools the Teachers Institutes provides. Teacher collaboration is essential toward this endeavor."

Rocklin, California -- June 15-18 Spencer conducted the Teachers Institute held at the Parallax facility in Rocklin. "This group is more geographically diverse than the Tucson group," he said, "with teachers from nine states from coast to coast."

Since the Tucson and Rocklin sessions were held at the same time, Spencer said "we tried to connect the teachers in the Tucson session with the teachers in the California session via an A0-27 contact; satellites are part of the space in the classroom unit.

Unfortunately, this was not successful due to unforeseen complications with accessing the satellite; however, a later attempt to demonstrate ham radio space technology was successful."

Viera, Florida -- June 23-26 Fourteen educators took part in the Teachers Institute in Florida, also led by Spencer. "This group was predominantly from the Southeastern US, but a few participants joined the group from Missouri and Virginia," he said. "The class was evenly split between male and female teachers. All grade levels were represented and six participants were either old-time hams or recently licensed in preparation for the Teachers Institute."

Spencer said to make the A0-27 satellite contact, they used call sign W1AW/4. "The weather even cooperated, and though hot and humid, the fox hunt outdoor activity went off without a hitch -- including a tornado warning that occurred the morning of the outdoor activities," he said.

"Thanks for everything. It was elementary it was advanced, it is something for everyone," one educator told Spencer. "I know I will be incorporating many of your topics into the classroom."

One of the participants summarized the experience simply: "This was the best in-service course that we have ever attended -- and we have attended a lot!"

Berrien Springs, Michigan -- June 29-July 2 McCray led 10 educators through the Teachers Institute at the Berrien Regional Education Service in Michigan. "I had a class that was half men and half women," he said. "Most were from the Midwest, but we did have two from New York State, one from California and one from South Carolina. We had representatives from all walks of the education world: Two

elementary teachers, five junior high teachers, two high school teachers and one college professor. Only four were hams and two of them have expired licenses. The electronics knowledge level was low, but they were motivated and proved to be a joy to teach all week."

McCray said that the highlights of the week included a successful A0-27 contact and multiple contacts on 2 meters with local children who were attending a camp. "The work with the VOMs, protoboard and building the robots were also big hits," he said. "We also went quite deep with the 'What's a Microcontroller?' unit."

One of the teachers told McCray that the Teachers Institute has changed the way she will present her curriculum. "I have been inspired to pursue my Technician license and to add more hands-on electronics activities into my 9th grade physical science class," the teacher said. "I would also like to set up a ham station in my school."

Another teacher called the Teachers Institute a "most rewarding experience. There is so much I learned about robotics, weather and ham radio operation. I have so much information to take back to the classroom and share with my students and fellow staff members. Thank you for this opportunity!"

A session of the ARRL Teachers Institute wrapped up Thursday, July 9 in Dayton, Ohio. The last session will take place at ARRL Headquarters on July 27-30.

==> 500 KHZ EXPERIMENTERS IN NORTH AMERICA, EUROPE GET ACTIVE

In the 500 kHz Experiment <<http://www.500kc.com/>> quarterly report for the period ending May 2009, Experiment Coordinator Fritz Raab, W1FR, reported that 21 stations are currently active. The FCC's Office of Engineering and Technology granted the WD2XSH experimental license to the ARRL in September 2006. In this quarter, the FCC only issued one new experimental license for 500 kHz, WF2XAU to Roy Croston, AB40M. The FCC renewed WD2XGI to Mike Reid, WE0H.

In the spring of 2009, hams in the WD2XSH experimental group made one contact, bringing the total number of contacts to 336. Almost 500 reports were made to the 500 kHz Experiment's Web site, documenting 1051 hours of activity. Raab said more than 34,000 hours of activity has been logged on the Web site since the experiment's inception. Stations do not have to be members of the experimental team to post reception reports.

Upcoming Exams:

Exams listed are within 100 miles of Woodford County

09-Aug-2009
 Sponsor: BLUEGRASS AMT RADIO SOCIETY
 Time: 1:00PM (Walk-ins allowed)
 Contact: FERNIE D WILLIAMS
 Email: KE4MAI@ARRL.NET
 VEC: ARRL/VEC
 Location: CALL FOR LOCATION BARS HAMFEST
 LEXINGTON, KY 40511

12-Sep-2009
 Sponsor: THOROUGHbred DX GROUP
 Time: 1:30PM (Walk-ins allowed)
 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/
 LEXINGTON, KY 40511

19-Sep-2009
 Sponsor: KARS/NELSON COUNTY ARES
 Time: 1:30PM (Walk-ins allowed)
 Contact: CECIL E FERGUSON
 (502)252-8654
 Email: GENEFERGUSON@JUNO.COM
 VEC: ARRL/VEC
 Location: NELSON COUNTY SHERIFF'S OFFICE&NELSON EOC COURTHOUSE COMPLEX
 JUNE DATE CHANGED***
 BARDSTOWN, KY 40004

11-Oct-2009
 Sponsor: THOROUGHbred DX GROUP
 Time: 1:30PM (Walk-ins allowed)
 Contact: MARGUERITTE WILLIAMS
 (859)245-2140
 Email: KE4MAJ@ARRL.NET
 See September event above for details

Upcoming Hamfests:

9 Aug 2009
 Central Kentucky Hamfest
 Bluegrass Amateur Radio Society
<http://www.BluegrassARS.org>
 Talk-In: 145.390 & 146.760
 Contact: Jeanie Dalton-Pugh, KB8QLC
 PO Box 4411
 Lexington, KY 40544-4411
 Phone: 859-619-8164
 Email: kb8qlc@arrl.net
 Lawrenceburg, KY
 American Legion Post #34
 725 West Broadway

Raab said that due to increasing noise levels, activity has slowed some on the band, but "propagation conditions have remained generally good with a number of long distance receptions." He said that most of the quarter's activity came from WD2XSH/6, run by Pat Hamel, W5THT, of Long Beach, Mississippi, and WD2XSH/12, run by Mike Mussler, AI8Z, of Nederland, Colorado.

Individuals in nine other countries hold licenses to experiment in the 500 kHz band: Sweden, Germany, Czech Republic, United Kingdom, Belgium, Canada, Norway, Romania and Denmark.

To celebrate International Marconi Day on April 25, a Marconi official station using Marconi equipment completed a radio contact that was similar to those Marconi himself achieved many years ago. GB4FPR was operated from the Fort Perch Rock Marine Radio Museum near Liverpool
 <<http://www.gb4imd.org.uk/fortperch.htm>>. The operators used Marconi marine equipment and CW, receiving a 539 report from V01MRC in St John's, Newfoundland
 <<http://www.ucs.mun.ca/%7Ejrcraig/mrcn.html>>. GB4FPR was transmitting 1 W ERP on 502 kHz and receiving the Canadian station on 3566 kHz in this transatlantic crossband QSO.

On June 18, Norwegian coastal station LGQ in Rogaland and LM500LGN in Bergen made a QSO on 500 kHz. LM500LGN is a special heritage license arranged by the NRRL, Norway's IARU Member-Society, and Norkram. According to Raab, this is the first issuance of a license specifically for heritage operations.

Find out more information on the ARRL's 500 kHz Experiment in the July/August 2007 issue of QEX
 <<http://www.arrl.org/qex/2007/07/raab.pdf>>.

22 Aug 2009
 Tailgators' Hamfest
 Ripley County Amateur Radio Club
<http://www.441775.com>
 Talk-In: 441.775+
 Contact: Delbert Felix, WY9L
 114 Harlan Street
 Osgood, IN 47037
 Phone: 812-689-3161
 Email: wy9l.thebigdog@gmail.com
 Osgood, IN
 Ripley County 4-H Fairgrounds
 525 Beech Street

12 Sep 2009
 Greater Louisville Hamfest Association
<http://LouisvilleHamfest.com>
 Talk-In: 146.70 (PL 79.7)
 Contact: Bob Myers, K4RVM
 c/o GLHA, Inc.
 PO Box 34444
 Louisville, KY 40232-4444
 Phone: 502-935-6710
 Email: glha09@LouisvilleHamfest.com
 Shepherdsville, KY
 Paroquet Springs Conference Centre
 395 Paroquet Springs Drive

19 Sep 2009
 Central Kentucky Amateur Radio Society
<http://www.qsl.net/ckars/hamfest/>
 Talk-In: 145.370 (PL 192.8)
 Contact: Mike Rogers, KE4ISW
 144 Allen Douglas Drive
 Richmond, KY 40475
 Phone: 859-624-9156
 Email: ke4isw@arrl.net
 Richmond, KY
 Madison County Fairgrounds
 KY Route 52

20 Sep 2009
 Greater Cincinnati Amateur Radio Association
<http://www.gcara.org>
 Talk-In: 146.88 (-600) & Alt 145.37 (-600)
 Contact: Stan Cohen, W8QDQ
 2301 Royal Oak Court
 Cincinnati, OH 45237-2939
 Phone: 513-236-0980 (days),
 Fax: 531-513-3834
 Email: stanco49@zoomtown.com
 Diamond Oaks Career Development Center
 6375 Harrison Avenue

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.