

CLUB OFFICERS

COMMITTEE CHAIRMAN

President: Mike Brannock, KG4IES
V. President: Mark Currens, KI40JG
Secretary: Paul Harrington III, KB4ENQ
Treasurer: Steve McFadden, KA4TJD

Program: Steve McFadden, KA4TJD
Emergency: Jerry Mueller, KC4WZ0
Field Day: Paul Harrington III, KB4ENQ
Web Site: Jerry Mueller, KC4WZ0
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, KC4WZ0

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.

Nominations For 2008 Officers

Nominations for the 2008 Club Officers will be accepted during the November Meeting.

Program for the November meeting will be planning for the "City of Versailles 2007 Holiday Parade". The parade will be on December 1st. This year's theme, "Home for Christmas".

Riley Hollingsworth Will Stay With FCC

Riley Hollingsworth, K4ZDH, Special Counsel for the FCC's Enforcement Bureau, has decided not to retire. He had announced last week that he would leave the FCC in January 2008.

Riley states, "After spending the entire weekend thinking about the decision [to retire], it became more and more clear to me that it just isn't the right decision for me right now. There are several issues on the table that I want to continue to work through with the amateur community."

The Enforcement Bureau is the primary organizational unit within the Federal Communications Commission that is responsible for enforcement of provisions of the Communications Act, the Commission's rules, Commission orders and terms and conditions of station authorizations, as well as enforcement of Amateur Radio rules (Part 97).

Minutes of the October, 3rd 2007 Meeting

The meeting was called to order at 7:00 pm. by the President, Mike Brannock, KG4IES.

Minutes of the last meeting: Last month's Newsletter was in error by not reporting that Steve McFadden, KA4TJD, was also a member of the work detail installing the new equipment at the EOC.

Mark Current, KI40JG seconded a motion by Steve McFadden, KA4TJD, that the minutes be accepted with changes. The motion carried.

Treasurers Report: The Treasurer's report indicated an opening balance of \$\$\$\$\$\$. Fund raising resulted in a deposit of \$\$\$\$\$\$, and a check for \$\$\$\$. was written to cover postage. The resulting balance is \$\$\$\$\$\$. Mark Currens, KI40JG seconded a motion made by Mike Brannock, KG4IES that the Treasurer's report be accepted. The motion carried.

Field Day: An inquire was made as to the availability of "Field Day Pins". Paul Harrington III, KB4ENQ, will check with the ARRL to see if they are still in stock.

Net Control: Net participation is still good. Thanks to Mike Brannock, KG4IES for picking up the net twice in September. Also a late note: Thanks to Charlie O'Neal, KE4AIE for picking up a net in the absence or net control, in October.

Repeater: The 220 machine is still off the air for upgrade. The meeting program for the evening featured a demonstration of software that is being developed to control the voice recorder feature being added to the controller, and an unveiling of the near complete recorder hardware.

Emergency: Drew Chandler, KI4TFI, reported that the table top exercise went well, resulting in a lot of good feedback. He also reminded the group of the Neighborhood Watch program to be held at the Courthouse on October 18th.

Newsletter: The reformat of the newsletter continues. Members are invited to make format and content suggestions. Members are also invited to contribute to the content of the Newsletter. Material to be published in the Newsletter should be sent to kb4enq@arrl.net.

Adopt-A-Highway: An Adopt-a-Highway event was held September 29th. Thanks to Todd Rose, KE4YAH, Steve McFadden, KA4TJD, and Jerry Hatchett, N8NZF for their participation. No additional events are scheduled for the year.

Fund Raising: \$\$\$\$\$. was collected at the Kroger sales event, \$\$\$\$\$. at Hillbilly Daze and individual sales collected \$\$\$\$\$. Post event drink sales collected \$\$\$\$\$. All for a total of \$\$\$\$\$. An announcement placed in the Woodford Sun resulted in an expense of \$\$\$\$\$ making the bottom line \$\$\$\$\$. Additional discussion revolved around plans for next year's drive.

Old Business: Discussion revolved around plans for this year's Christmas parade. Street changes in the KCTCS parking lot may make for changes in the system that worked so well last year.

New Business: Nominations for Club Officers will be held at the November meeting.

Additional discussion revolved around a location for the December meeting. Sweet Potatoes has left Versailles.

Mark Currens, KI40JG seconded a motion by Steve McFadden, KA4TJD that the meeting be adjourned. The motion carried at 8:25 pm.

Attendance:	Mike Brannock	KG4IES
	Paul Harrington III	KB4ENQ
	Todd Rose	KE4YAH
	Steve McFadden	KA4TJD
	Jerry Hatchett	N8NZF
	Mark Currens	KI40JG
	Tristan Wilson	KI4QQF
	Rob Hutchinson	KI40DT
	Drew Chandler	KI4TFI
	Jim Hughes	K4ZPL

Net Report

10/4/07	10/11/07	10/18/07	10/25/07
KB4ENQ	KB4ENQ	KE4AIE	KB4ENQ
KE4LZP	KF4LRK	WA4PCS	KG4VAR
KF4LRK	KD4GNX	KE4MAE	KE4LZP
KE4GNX	KE400I	KG4VAR	KE4AIE
KI4QQF	KI4QQF	KF4FMZ	KF4LRK
KI40JG	KI40JG	KE400I	KE400I
KG4VAR	KI4YTM	KA4TJD	KE4GNX
KI4TFI	WA4PCS		KA4TJD
KE4AIE	KE4GNX		KI4TFI
	NN4P		KI40JG
	KI4ODT		AC4YD
	KI4JWK		WA4PCS

From the ARRL Newsletter:

==> SAN DIEGO AREA HAMS ACTIVATED AS WILDFIRES RAVAGE SOUTHERN CALIFORNIA

As fires raged through parts of the San Diego area and other areas in Southern California, ham radio operators did their part to ensure the safety of residents either affected or threatened by the fires. ARES groups in San Diego were activated on Monday, October 22 and continued to assist their served agencies until early Wednesday morning. Sixty hams were called to service by the County of San Diego's Emergency Medical Service.

According to ARRL San Diego Section Emergency Coordinator James J. Cammarano II, KG6R, hams assisted at the San Diego Medical Operations Center, six trauma centers and 16 community hospitals. Hams served as a resource, Cammarano said, "to be used in case primary circuits to hospital communications were lost due to either overload or power interruptions." In addition to these 60 amateurs, another dozen or so hams were activated by the Red Cross.

ARRL Emergency Preparedness and Response Manager Dennis Dura, K2DCD, learned that San Diego ARES volunteers were activated and now they are in standby mode. "They are ready to go at a moment's notice, but there are currently no plans for re-activation," he said. As in any emergency situation, information can quickly change and the ARRL will continue to monitor the situation and inform members if the situation changes.

As the fires started to spread, hams started a FIRENET on the Palomar ARC 146.73 MHz repeater. Howard White, KY6LA, of La Jolla, who was among those who served as net control operator under extremely stressful conditions, disseminated a preliminary log of his experience. Excerpts follow:

"With flames starting to engulf the county and no active single source of information, as best as I could determine Charlie NN3V stepped into the information vacuum to start the 'FIRENET' as an ad hoc operation on Sunday afternoon. Early contributors included Gayle K6G0 and Gary W6GDK.

Initial operations started by collecting fire information as to fire location, wind directions, shelter locations and initial evacuations. Hams provided eyes and ears on the ground where the danger was. Soon however the fires seemed to be heading down to the Poway area so Charlie and the other Poway hams needed to evacuate....

"Day One: Is the fire near us? Where is the head of the fire? What directions are the heads going? What are the winds doing? Should we evacuate? What roads are closed? What about our animals? Where should we go? What should we

take? What is the route to avoid the flames? Can you help us find missing people or pets? Can you help us get barrels of water for animals? Can you help us find food and water? Can you get the police to deal with looters?

"Unlike Katrina, the questions and answers did not abate at night. It was nonstop. Terry K3PXX needed routing around the fires to evacuate his Animal trailer. Terry reported on Fires as he drove through Poway and back to San Marcos EOC. ROARS hams had evacuated Ramona and the 147.03 repeater and were looking for help to be routed safely out of the area. Fires broke out in Coronado Hills in San Marcos. People needed to be evacuated. Brian KF6C asked where to evacuate his 4 children. San Marcos EOC needed to be activated and FIRENET held the fort for them until they could get there and became operational to evacuate San Marcos. George KG6IDE tries to drive up to Ramona to evacuate elderly parents but we turn him back to avoid the flames...

"0130 Tuesday: N9XF reports flame proceeding down 76 from Fallbrook. Tom KI6IET, who is blind, but stays at his post as my backup net control, needs to be evacuated. Evacuation arranged ok. Rob WA3IHV calls from his office at Palomar hospital to tell us his family was evacuated OK and horses survived...

"2100 Tuesday: FIRENET hams drive to Qualcomm Stadium and load trucks with food. Dan leads ham relief convoy with food and supplies to Mira Costa College. Fire victims at shelter express gratitude for first food delivery...

"2350 Wednesday: KG6VVN signs off as net control as the 146.730 repeater runs out of fuel and goes off the air..."

Orange County update: Acting Section Emergency Coordinator Cathy Gardenias, K6VC, provided this update on the situation in the ARRL Orange Section as of October 25: "Slide Fire/Green Valley is 17% contained; Grass Fire is 70% contained. Santiago Canyon Fire was 50% but was reduced last night as it turned and headed for the Riverside County border of the Cleveland National Forest.

"Amateur Radio operators have been utilized. The San Bernardino County Fire EOC has been using ECS and ARES members in the EOC to monitor communications and other jobs needed. At the command post at the Rim of The World High School near Lake Arrowhead, ECS and ARES members who have been fully trained in all ICS and S190 (bush training) are handling communications and other needs. This is according to Jeff W6JJR DEC for ARES San Bernardino County and a Public Information Officer (Miles) from the EOC in San Bernardino. The EOC is at Level III at this time.

"SATERN [Salvation Army Team Emergency Radio Network] Amateur Radio operators at all the shelters have been volunteering their time as non communicators, but as helpers for those who are in need."

As of Friday afternoon, CNN reported that 14 of the nearly two dozen fires were under control. Nearly 800 square miles has burned in Southern California, and seven deaths have been blamed on the fires, with dozens of injuries.

Ron Roberts, Chairman of the San Diego Board of Supervisors estimates that 560,000 people were ordered to evacuate their homes, and thousands more were evacuated in San Bernardino, Los Angeles and Orange counties.

Firefighters received help from Mexico, the state and federal governments and even inmates from California's prisons. About 7000 firefighters were battling the blazes, including 2300 inmates from California's Department of Corrections and Rehabilitation, according to Governor Schwarzenegger.

President Bush visited the area on Thursday and declared a federal emergency for seven counties: Los Angeles, Orange, Riverside, San Bernardino, San Diego, Santa Barbara and Ventura. FEMA Administrator David Paulison said that the President's action authorizes FEMA to "coordinate all disaster relief efforts, which have the purpose of

alleviating the hardship and suffering caused by the emergency on the local population, and to provide appropriate assistance for required emergency measures, authorized under Title V of the Stafford Act, to save lives, protect property and public health and safety and lessen or avert the threat of a catastrophe." Schwarzenegger estimated that at least \$75 million in federal aid would be needed. -- Some information from The Weather Channel and CNN

==> ARRL FACES FCC IN FEDERAL COURT OVER BPL ISSUES

On Tuesday, October 23, the ARRL faced the Federal Communications Commission in the US Court of Appeals over the continuing debate concerning harmful interference to licensed radio services from unlicensed Broadband over Powerline (BPL) systems. BPL is the delivery of broadband Internet communications using unshielded electrical wiring to conduct high-speed digital signals to homes and businesses. BPL systems are designed to conduct RF energy through unshielded, medium voltage power lines, using some or all of the HF spectrum between 1.7-80 MHz. At those frequencies on unshielded overhead power lines, the electrical wiring not only conducts the signals, it radiates them very efficiently for very substantial distances from the power lines.

In October 2006, the League petitioned the United States Court of Appeals for the DC Circuit to review the FCC's October 2004 Report and Order (R&O) in ET Docket 04-37 and 2006 Memorandum Opinion and Order which generally denied all of the 17 petitions for reconsideration. In its brief initially filed May 17, the ARRL contends, among other things, that the FCC's adoption of rules to govern unlicensed BPL systems fundamentally alter the longstanding rights of radio licensees, including Amateur Radio operators. Specifically, the FCC order, while adopting rules that it claimed would minimize instances of harmful interference to licensed services, eliminated a fundamental requirement for unlicensed devices, and held for the first time that BPL systems need not shut down in the case of unresolved instances of harmful interference to "mobile" stations.

The ARRL argues that the FCC's BPL rules violate Section 301 of the Communications Act, which requires that operators of devices that emit radio frequency energy which have a substantial interference potential cannot operate without an FCC license. "For years, the FCC has consistently read Section 301 to apply to unintentional radiators, such as BPL devices, and has expressly embodied that interpretation in its rules," the League's brief recounts. The brief notes that extensive studies done by the National Telecommunications and Information Administration conclude persuasively that interference from BPL to mobile stations can be expected at distances up to almost a football field, and to fixed stations at distances up to five football fields.

The Commission then compounded its error by asserting that BPL devices do not fall within Section 301 at all, the League said. "This hail-Mary attempt at justification is another unexplained departure from prior policy that independently requires invalidation of the orders," the ARRL remarked in its brief.

The ARRL contends that the FCC orders under review "jeopardize the license rights of ARRL's members and other license holders by authorizing providers of a new device -- Access Broadband over Power Lines, or 'BPL' -- to send radio signals across the electric grid in the frequencies the license holders occupy, but without having to obtain an FCC license."

Each side had 20 minutes to present their case, with the League going first. Attorney Jonathan Frankel, of the WilmerHale Law Firm, argued the case for ARRL before the three judge panel; Attorney C. Grey Pash, of the FCC General Counsel's office, argued for the FCC. According to ARRL President Joel Harrison, W5ZN, who attended the Court session, Frankel's argument centered on the removal of interference protection for licensed mobile stations, and

the Commission's rules for measuring interference. "Frankel received multiple, direct questions from each of the judges concerning the topics in the briefs, and responded to each very well," Harrison said.

"Judges Tatel, Rogers and Kavanaugh interrupted both sides repeatedly with intelligent, challenging questions," ARRL Chief Executive Officer David Sumner, K1ZZ, said. "For example," Sumner continued, "while quizzing Frankel, the judges sounded skeptical that interference to mobile stations couldn't simply be regarded as 'not harmful' because it was temporary; but then, when quizzing the FCC's attorney, Judge Tatel said in response to the statement that 'mobile stations could simply move,' that in the case of BPL in Manassas, Virginia for example, you can only get away from the interference by leaving Manassas.' It wasn't, he went on to say, like a garage door opener."

For the first time in decades, the FCC decided against requiring that operations found to cause "harmful interference" be shut down immediately -- a stance that ignores the "right of the license holder to be free from interference," Frankel said in court. The FCC has also withheld portions of studies that would "potentially" show BPL does cause harmful interference to other devices -- and ignored reports of tests the ARRL argues offer "substantial" evidence of interference problems, he continued. "We're talking about devices that radiate for football fields in length and all along power lines," Frankel said of the BPL gadgets. "When you drive down the street, [an Amateur Radio operator's] service is interrupted constantly."

"All three judges were clearly very familiar with the written record. They spent a lot of time on the issue of what information the FCC had withheld from public view (redacted)," Sumner said. "In the course of the argument, the FCC's attorney had to acknowledge that the Commission's explanations in the BPL proceeding were deficient in a number of respects, although it wasn't clear that administrative agencies are held to a very high standard in that regard."

Harrison said that Pash, the FCC's attorney, began his defense of the FCC orders and was almost "immediately interrogated" by the judges on the Commission's premise that "a mobile station in a licensed service should not be afforded complete protection from harmful interference just because it can just move away from the interference."

Pash also came under what Harrison called "considerable direct questioning" concerning the redacted material from the FCC's response to the ARRL's Freedom of Information request. ARRL had asked the FCC to produce all of what FCC described as "extensive" studies allegedly justifying its BPL order, on which the FCC relied in adopting the BPL rules. The FCC had deleted what appeared to be any material in that one single study that indicated that interference from BPL systems was likely. One page that was completely redacted was a Powerpoint slide titled "New Information Arguing for Caution on HF BPL." The FCC claimed that was not factual information, but just staff advice. Pash "attempted to present a position that the material pertained to 'staff opinion' that was determined to not be a basis for the FCC's decision," Harrison said. According to Pash, the redacted sections referenced earlier sections of the report, and were not "a bunch of new information," Harrison added.

Pash defended the Commission's approach. He said the FCC didn't require the so-called "cease-operations" rule because it didn't find ample evidence that BPL posed any real potential for "harmful" interference. He said the studies the FCC relied upon, including one by the US National Telecommunications and Information Administration, found that so long as the FCC restricts the strength of the signals emitted by BPL devices -- as it did through its rules -- others sharing that spectrum "won't notice a difference in the quality of their services."

Attorney Frankel reserved seven of his allotted 20 minutes for rebuttal of the FCC's arguments. He reiterated the League's position concerning mobile operations and also emphasized that "unless we have an opportunity to review the redacted material, no determination can be made as to its role in the FCC's rulemaking decision," Harrison said.

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

10-Nov-2007
 Sponsor: BUTLER COUNTY VHF ASSOCIATION
 Time: 8:30 AM (Walk-ins allowed)
 Contact: THEODORE WILSON (513)868-7012
 VEC: ARRL/VEC
 Location: BUTLER TECH VOCATIONAL SCHOOL
 3603 HAMILTON MIDDLETOWN RD BUTLER COUNTY
 TALK-IN 146.97 PL 118.8 HAMILTON, OH 45011

12-Nov-2007
 Sponsor: NKARC
 Time: 6:00 PM (No walk-ins)
 Contact: LYLE H HAMILTON (513)315-4032
 Email: AB8SH@ARRL.NET
 VEC: ARRL/VEC
 Location: TURKEYFOOT MIDDLE SCHOOL
 3230 TURKEYFOOT RD
 REGISTRATION REQUIRED
 AT LEAST 3 DAYS AHEAD!
 COVINGTON (EDGEWOOD), KY 41017

01-Dec-2007
 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
 CINCINNATI, OH 45216

11-Dec-2007
 Sponsor: GREATER CINCINNATI ARA
 Time: 6:30 PM (Walk-ins allowed)
 Contact: GARY L OSBORNE (513)474-0287
 Email: OSBORNE@FUSE.NET
 VEC: ARRL/VEC
 Location: BLUE ASH RECREATION CENTER
 4433 COOPER RD
 CINCINNATI, OH 45242

10-Nov-2007
 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
 LEXINGTON, KY 40511

17-Nov-2007
 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

08-Dec-2007
 Sponsor: BLUEGRASS VOLUNTEER EXAMINERS
 Time: 10:00AM (Walk-ins allowed)
 Contact: HARRY R SPARKS (859)272-8762
 Email: KN4S@ARRL.NET
 VEC: W5YI VEC
 Location: RED CROSS BUILDING
 1450 NEWTOWN PIKE
 CLASS ROOM B
 LEXINGTON, KY 40511

15-Dec-2007
 Sponsor: TRI COUNTY HF SOCIETY
 Time: 9:00 AM (Walk-ins allowed)
 Contact: JAMES E VOHLAND (812)934-3154
 Email: N9VQ@HOTMAIL.COM
 VEC: ARRL/VEC
 Location: METAMORA CHURCH OF GOD
 21046 HWY 52
 METAMORA, IN 47030

==> NEW ARISS ANTENNAS INSTALLED ON COLUMBUS

Two Amateur Radio on the International Space Station (ARISS) antennas have been installed on the nadir side of the new International Space Station's Columbus module, set to launch later this year. On October 12, the antennas successfully passed electrical and SWR tests, with one of the two antennas, Antenna 42, going through a final test -- a thermal test under vacuum. Based on modeling, engineers have no fear the antenna will pass with flying colors. Columbus will house an additional Amateur Radio station, including the first digital Amateur Radio TV (DATV) station in space, as well as a ham radio transponder. The yet-to-be-built Columbus amateur gear will facilitate operation on new frequencies that will make it possible for ARISS to establish wideband and video operations for the first time and allow continuous transponder operation. Video from the installation and inspection is available at the Columbus Web site <<http://www.ariss-eu.org/columbus.htm>>.

At the ARISS International conference last year in San Francisco, Graham Shirville, G3VZV, speaking on behalf of ARISS-Europe, outlined plans for a mode L/S ham radio transponder as

well as a DATV downlink on S1 band (2.4 GHz). "So, future ARISS contacts could have pictures as well as sound," Shirville told the delegates. ARISS-Europe is looking at a 10 W transmitter and a signal bandwidth of from 4 to 8 MHz. Since the Columbus module will be some distance from the other two ARISS stations, parallel operation will be possible.

Funding to finish and install ham radio antennas on the European Space Agency (ESA)-built laboratory module has been uncertain, however. ARISS Vice Chairman Gaston

Bertels, ON4WF, says donations from various sources covered a payment of 9000 Euros (approximately \$12,000) in March. A second payment is due this fall. Donations already have come in from the ARRL Foundation, AMSAT-NA and AMSAT-UK, among other organizations, as well as from many individual donors. According to Bertels, there is still a funding shortfall of 15,000 Euros (approximately \$21,000 USD). To help out, PayPal donations are being accepted (access the PayPal site via the Columbus Web page).

Hamfests:

10 Nov 2007
 Central KY Hamfest
 Central Kentucky Amateur Radio Society
www.qsl.net/ckars/hamfest/
 Talk-In: 145.370 (PL 192.8)
 Contact: Michael Rogers, KE4ISW
 144 Allen Douglas Drive
 Richmond, KY 40475
 Phone: 859-624-9156
 Email: KE4ISW@arrl.net
 Richmond, KY
 Madison Co FOP Lodge #47
 5095 Atwood Drive
 Div: Great Lakes
 Sect: Kentucky

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.

The University of Kentucky ARC, contact Jeff Withers, KG4QFY, jeffchem@yahoo.com. Club web page: <http://www.uky.edu/StudentOrgs/UKARC/>. Meetings are once each month (times/days will be announced as class schedules allow), in room 553 in Anderson Hall on campus.

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.

Local Club Meetings:

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

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.

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.

Swap Shop:

There is a limited quantity of WCARC baseball caps available to Club members for \$8.00 each.