

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](mailto:ky4wc@ky4wc.org). E-mail may be sent to the membership by sending a message to [maillist@ky4wc.org](mailto:maillist@ky4wc.org).

## 2010 Dayton Hamvention® Edition



Paul Harrington IV, KF4YRK, at the controls of "Blue Lightning", photo by James Harrington, KF4LRK

### Full Legal and a few more KW just in Case

I have been going to Dayton Hamvention® for many years, and every year I see something new. This year is no exception. The flea market is the biggest draw for me, my bother Brad, and Dad. Some times we will go to a forum or two, but not all the time. I even made my QST debut while sleeping through a forum on RF safety. This year I went to a forum about Spark Gap Transmitters. As some of you know, I studied History at UK. So yes, I was interested to say the least.

I and many like me that share an interest in the history of radio have said, "real radios glow." You know, the ones from the 50s and 60s from Collins and Heathkit with names like Marauder, Warrior and Mohawk. There's just something about these radios that the new ones just don't have.

According to Hal Kennedy N4GG and QST, "the realest real radios whined, roared and hurled blue lightning. " Kennedy put on display Blue Lightning, a spark gap of his own design. Although just completed this year, Blue Lightning is true to history. He has constructed the transmitter with period parts where possible, and made parts with period tools and techniques when necessary. Make no mistake about it, this is the beginning of armature radio. There were no kits in the first decade of the twenty th century, and not many elmers to help guide you. Every spark gap was a one of a kind. But let's leave that story for another time.

During the forum, we were told that the key was directly connected to the input transformer and has 120 VAC across it. The gap current is 1500 KW. It was made very clear that the transmitter could cause serious injury if not handled with care and a little R.E.S.P.E.C.T. as Aretha Franklin would say. Kennedy went to such lengths because the audience would be given the opportunity to try our hand at Blue Lightning. That's a victory for all the code enthusiasts

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Minutes of the May, 5<sup>th</sup> Meeting

The May 5<sup>th</sup> meeting of the Woodford County Amateur Radio Club was called to order at 7:07 p.m. by the club President, Mike Brannock, KG4IES.

Minutes: The minutes of the March meeting were accepted as published. No motion on record.

Treasurer's Report: Steve McFadden, KA4TJD, reported on opening balance of \$\$\$\$\$. Dues collected resulted in a deposit of \$\$\$\$\$. \$\$\$ was paid out for postage. The closing balance of \$\$\$\$\$ was reported. No motion on record.

Adopt-a-Highway: An Adopt-a-Highway event is scheduled for June 5<sup>th</sup>. Volunteers should meet as McDonalds at 8:00 a.m. for Breakfast. Trash collection should commence around 9:00.

Old Business: Steve McFadden, KA4TJD, reported that he has contacted the Science Dept. at St. Leo School. They are interested in doing the ISS contact. A meeting is scheduled. The forms are being filled out for Tele-Bridge, with hopes of upgrading to direct contact.

Paul Harrington III, KB4ENQ, reported a plan to acquire the antenna mentioned in last month's minutes while at the Dayton Hamvention.

The meeting was adjourned at 8:10. No motion on record.

Attendance:

Name:	Call:	Member:
Steve McFadden	KA4TJD	Y
Mike Brannock	KI40JG	Y
Dan Schvyver	W4XXL	Y
Jim Hughes	K4ZPL	Y
Paul Harrington III	KB4ENQ	Y

Net Report: First call in each list indicates net control.

05/06/10	05/13/10	05/20/10	05/27/10
KG4IES	N/C	KE4AIE	KB4ENQ
KI4TLW	W2IF	KE4YUI	KF4LRK
KE400I	KJ4GQA	KI4TLW	KE4GNX
KI40JG		WR4U	KI4TLY
KI4TLY	See the	AC4JD	KI4TLW
K4HOD	member	KJ4IKN	KI40JG
KJ4IKN	data page	KG4VAR	KE400I
N4MJR	for a	KE400I	W2IF
KJ4UDD	list of	KI4QQF	KE4AIE
W4XXL	local	KI40JG	KG4VAR
KB4LEW	nets.	KI40JE	WR4U
KI4JWK		WA4PCS	KC4YUI
WA4PCS		W2IF	WA4PCS
		KJ4GQA	KI40DT
			W4XXL

Support our neighboring Amateur organizations, visit one of you local Hamfests this year. See a list of Hamfests and Exam dates on the last page.

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out there.

By far this was the best forum that I have seen at Hamvention®. This was a rare chance to connect with the hobby's history and the fruits of early radio pioneers.

Paul Harrington IV, KF4YRK

Hamvention History  
Where it all started...

Since 1952 Hamvention® has been sponsored by Dayton Amateur Radio Association (DARA). For many years it has been the world's largest amateur radio gathering, attracting hams from throughout the globe.

About 1950, John Willig, W8ACE, had asked the Dayton Amateur Radio Association to sponsor a HAM Convention but was turned down. John wanted to have a quality affair. Speakers and prizes would be a drawing point. John finally found a champion in Frank Schwab, W8YCP (W8OK), the newly elected president of the club. A meeting was held and the DARA Board allocated \$100 to get started. The first organizational meeting was held in January 1952.

The Southwestern Ohio Ham-vention was born. The first committee consisted of: John Willig, W8ACE, General Chairman Al Dinsmore, W8AUN, Arrangements Bob Siff, W8QDI (K4AMG), Prizes and Exhibits Frank Schwab, W8YCP (W8OK), Publicity Bob Montgomery, W8CUJ, Finance Clem Wolford, W8ENH, Program Ellie Haburton, W8GJP (W4ZVW), Women's Committee The next year the name became "Dayton Hamvention®" and was registered as a trademark.

April was determined to be the best time but the Biltmore Hotel, in downtown Dayton was booked. March 22 was the chosen date, causing a short lead time. How far did \$100 go? Not far! A 12' TV was raffled off to help raise funds. The FCC agreed to give license exams and Phil Rand, W1BDM, a pioneer in TVI elimination was on the program. First prize, a Collins 75A2, was purchased locally.

Hoping for 300 visitors, the committee was amazed that over 600 showed up! There were 7 exhibitors and 6 forums. The ladies program was successful with a luncheon at the Biltmore and a trip to a local TV station. In 1955 the

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Awards Program began with the "Amateur of the Year." The Flea Market has grown from 200 to more than 2000 spaces. In 1964 the Hamvention® moved to Hara Arena. Shuttle buses and handicapped parking were added in 1969. In 1973 it became a 2 day event with Sundays added in 1974. The program has grown to a "Souvenir Program" and in 1976 the dimensions changed from 6"x 9" to the current 8-1/2"x11".

The growth of the Dayton Hamvention® can be attributed to caring, energetic people who enjoy being on a winning team.

Henry Ruminski, W8HJR, Media/Public Relations Chair, Dayton Hamvention®

Richard "Dick" Ross  
Dayton Hamvention Special Achievement Award

In September, 2010, Dick Ross will mark his 50th anniversary with CQ magazine. Dick started working for Cowan Publications and quickly worked his way up to Associate Editor for CQ Magazine. In July, 1964 he was promoted to Editor of CQ when Cowan Publishing moved its offices to Long Island. As Dick got more involved with the business side of the magazine, Dick in 1976 was elevated to VP/General Manager, Cowan Publishing, Corp where he was responsible for all fiscal matters and publishing operations for five publications. By 1979, he was General Manager and Controller for all of Cowan Publications, which at the time was publishing seven magazines. CQ was not the strongest of them, and Publisher Richard Cowan was considering shutting it down.

Sensing an opportunity, Ross and his successor as CQ Editor, Alan Dorhoffer, K2EEK, bought the magazine from the Cowans in 1979 and set out to build it into a totally new publication that would instill a new vitality to the ham radio hobby. Dick and Al quickly got the magazine on a solid footing and within three years, they were ready to start expanding.

Popular Communications was introduced in 1982. In the years since then, CQ has published a variety of magazines and books.

In 1992, the company added videos to its product line, followed by CDs, calendars and more. Today, CQ Communications publishes CQ, Popular Communications, CQ VHF and WorldRadio Online. The latter, acquired in late 2008, is the first major on-line-only ham radio magazine.

Over the course of the past 50 years, Dick Ross has also become a respected leader in the ham radio community, working closely with the many businesses that make up the ham industry, as well as with contesters, DXers and other

active hams through oversight of the CQ contest and award programs. He is also responsible for starting the CQ DX, Contest and Amateur Radio Halls of Fame, which honor outstanding amateurs in all areas of the hobby.

He knows that the real future of amateur radio lies in the next generation of hams. As such he is a fervent supporter of bringing more youth to our hobby. He dedicates space in CQ and Worldradio Online to the achievements in ham radio by its youngest members through the "Kids Korner" column in CQ written by teenager Brittany Decker, KB1OGL, and in Worldradio OnLine in the longtime "Youth Column" penned by former Hamvention Radio Amateur of the Year, Carole Perry, WB2MGP.

In yet another youth oriented undertaking, since 1996, Dick (and CQ) have been one of two key corporate underwriters of the "Amateur Radio Newsline Young Ham of the Year Award." As a result, beginning in 1996 with Toby Metz, KB0UIM, everyone selected to be a Young Ham of the Year Award recipient has had the opportunity to attend Spacecamp in Huntsville Alabama and take the course of his or her choice.

It is with great pride and pleasure we recognize Dick Ross as this years Dayton Hamvention Special Achievement Award.

Henry Ruminski, W8HJR, Media/Public Relations Chair, Dayton Hamvention®

Technical Excellence Award - Simon Brown -- HB9DRV for the invention and development Ham Radio Deluxe.

"I am very honored to have been awarded the Dayton Hamvention 2010 award for technical excellence, following in the footsteps of Dave Bernstein, AA6YQ (2008) and Copthorne "Cop" Macdonald, VY2CM (2009)."

Simon was born in Stamford, Lincolnshire, England on October 2nd, 1957. From the age of eleven he was fascinated by electronics and especially radios. First transmission experiments were sadly unsuccessful - connecting a microphone in series with the mains power cable of an old radiogram. Despite this and similar setbacks, the UK Radio Amateur Examination was passed in the winter of 1973. His first call sign GD8IQM (February 26th, 1974), then after passing the CW exam at 12 wpm GD4ELI (September 18th, 1975). Finally he obtained his Swiss license HB9DRV issued on June 12th, 2001.

From 1976 to 1979 studied for a degree in electronic engineering and mathematics at Bangor University, North Wales, passed with

1st class honors. He never worked as an electronics engineer, instead chose to excel in computer software development in the early 1980's. Left UK for Germany in 1986, then Belgium in 1988, followed by Switzerland in 1989.

In 1991 started his Ham radio programming passion with the program FT-817 Commander followed by Ham Radio Deluxe in mid-2003 with Peter Halpin PH1PH (SK). As of January 1, 2010 he has concentrated 100% on radio-related software. He is the founder of sdr-radio.com specializing in software defined radio.

Simon currently lives in Laax, Switzerland with four cocker spaniels.

Henry Ruminski, W8HJR, Media/Public Relations Chair, Dayton Hamvention®

Amateur of the Year - Jim Stafford/W4QO for 50 years of service to Amateur Radio and his support for public service and unending efforts to recruit and develop hams of all ages.

Jim grew up on a farm in south central Indiana where he became an amateur operator at age 16 as KN9MAF. After graduating Purdue University and MIT in Electrical Engineering he started a career at Bell Telephone Laboratories in Holmdel, NJ. He progressed through a number of positions at A.T.&T., Southern Bell, Bellsouth, finally retiring after 30 years as AVP-IT in 1994 in Atlanta.

Early on Jim reached out to young people to get them interested in the sciences and Amateur Radio. While a member of the Metro Atlanta Telephone Pioneer Radio Club, started a program called RadioActive Schools, taking science in general and amateur radio specifically to over 2000 students over several years. For 10 years beginning in 1990 as Station Manager, installed and managed the ham radio station (W4WOW) at the SciTrek Science Museum in Atlanta. Based on his work with youth and adults teaching amateur radio, was given the ARRL Herb S. Brier Instructor of the Year award at 1992.

An avid QRPer, joined the QRP Amateur Radio Club International executive board in 1995, serving as VP in 1999, president 2000 to 2002 and chairman of the Four Days In May event in 2005. Most recently as a long time member of the North Fulton Amateur Radio League (NFARL) joined a team of 4 others to rejuvenate the club.

Jim became the president of NFARL in the fall of 2006. Due to club having only 57 members and only 6-10 routinely at the dinner meetings the club skipped Field Day that year. Today

the club has over 250 members, weekly activities for all ages, and a Special Service Club.

Jim presently serves as the club's youth/school liaison. He is also a member of the SEDX club, the SE Contest Club, the Atlanta Radio Club, NFARL, MATPARC, and a life member of the ARRL. He is an active member of Fellowship Bible Church, Roswell, GA. He is married to Marilyn, K4Z0L, and has 2 children and 2 grandchildren.

Henry Ruminski, W8HJR, Media/Public Relations Chair, Dayton Hamvention®



This one did not get away: You may recall in the May, 2009 issue, a similar shot of KF4YRK and a Heathkit "Mohawk" that had already found a new owner. Paul IV, got to this one (on top) first.



Ever wonder what was in the "cans" (duplexer) of a repeater. Not Much! Featured at the Bird booth is a duplexer element with a cut away side. Now you know why they are called cans. Speaking of Bird, a very nice model 43p watt meter followed me home this year. Now the quest for "slugs" is on. I am told that there are no longer used hf (2-30MHz) slugs available. Ever price a new Bird slug.. Ouch!

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

06/05/2010  
 Sponsor: Cincinnati Repeater Assoc Inc  
 Time: 8:30 AM (Walk-ins ok)  
 Contact: Dale W. Pritchett (513) 769-0789  
 Email: [dwpritchett@fuse.net](mailto:dwpritchett@fuse.net)  
 VEC: ARRL/VEC  
 Location: Hartwell Presbyterian Church  
 210 Parkway Ave  
 Intersection Parkway/Woodbine  
 Near Vine/Galbraith & I-75  
 Cincinnati OH 45216-1427

06/05/2010  
 Sponsor: W4XXL Volunteer Examiners  
 Time: 10:00 AM (Walk-ins ok)  
 Contact: Dan R. Schryver (859) 536-9091  
 Email: [w4xxl@windstream.net](mailto:w4xxl@windstream.net)  
 VEC: W5YI VEC  
 Location: Tanbark Health Care Center  
 1121 Tanbark Rd  
 www.w4xxl.com  
 Lexington KY 40515-1869

06/10/2010  
 Sponsor: Milford ARC  
 Time: 6:00 PM (Walk-ins ok)  
 Contact: Barbara L. Steward (513) 625-8651  
 Email: [steward@fuse.net](mailto:steward@fuse.net)  
 VEC: LAUREL MD  
 Location: Faith Church  
 5900 Price Rd  
 Milford OH 45150-1427

06/12/2010  
 Sponsor: Bluegrass AR Society  
 Time: 10:00 AM (Walk-ins ok)  
 Contact: Fernie D. Williams (859) 245-2140  
 Email: [ke4mai@gmail.com](mailto:ke4mai@gmail.com)  
 VEC: ARRL/VEC  
 Location: Red Cross Building  
 1450 Newtown Pike  
 At Griffin Gate Blvd  
<http://www.BluegrassARS.org>  
 Lexington KY 40511-1220

06/14/2010  
 Sponsor: NKARC  
 Time: 6:00 PM (No walk-ins)  
 Contact: Lyle H. Hamilton (513) 315-4032  
 Email: [ab8sh@fuse.net](mailto:ab8sh@fuse.net)  
 VEC: ARRL/VEC  
 Location: Hilltop Church of Christ  
 5300 Taylor Mill Rd  
 Reg Required-3 days prior  
 Taylor Mill KY 41015-2130

06/19/2010  
 Sponsor: KARS/Nelson County ARES  
 Time: 1:30 PM (Walk-ins ok)  
 Contact: Cecil E. Ferguson (502) 252-8654  
 Email: [geneferguson@juno.com](mailto:geneferguson@juno.com)  
 VEC: ARRL/VEC  
 Location: Nelson County Sheriff's Office & Nelson EOC  
 210 Nelson County Plaza  
 Training room in the rear  
 Bardstown KY 40004-9999

07/03/2010  
 Sponsor: Cincinnati Repeater Assoc Inc  
 Time: 8:30 AM (Walk-ins Ok)  
 Contact: Dale W. Pritchett (513) 769-0789  
 Email: [dwpritchett@fuse.net](mailto:dwpritchett@fuse.net)  
 VEC: ARRL/VEC  
 Location: Hartwell Presbyterian Church  
 210 Parkway Ave  
 Intersection Parkway/Woodbine  
 Near Vine/Galbraith & I-75  
 Cincinnati OH 45216-1427

07/03/2010  
 Sponsor: W4XXL Volunteer Examiners  
 Time: 10:00 AM (Walk-ins Ok)  
 Contact: Dan R. Schryver  
 Email: [w4xxl@windstream.net](mailto:w4xxl@windstream.net)  
 VEC: ARRL/VEC  
 Location: Tanbark Health Care Center  
 1121 Tanbark Rd  
 www.w4xxl.com  
 Lexington KY 40515-1869

07/10/2010  
 Sponsor: Hardin County Testers  
 Time: 9:30 AM (Walk-ins Ok)  
 Contact: Archie A. Mack (270) 351-6159  
 Email: [amack1@insightbb.com](mailto:amack1@insightbb.com)  
 VEC: ARRL/VEC  
 Location: Hardin County Public Library  
 North Branch  
 800 South Logsdon Parkway  
 Across from North Hardin HS  
 Radcliff KY 40160

07/11/2010  
 Sponsor: Thoroughbred DX Group  
 Time: 1:30 PM (Walk-ins Ok)  
 Contact: Margueritte Williams (859) 245-2140  
 Email: [KYMargueritte@gmail.com](mailto:KYMargueritte@gmail.com)  
 VEC: WCARS TN  
 Location: Red Cross Bldg - Classroom B  
 1450 Newtown Pike  
 At Griffith Gate Blvd  
<http://www.lexkywcars.org/>  
 Lexington KY 40511-1220

07/12/2010  
 Sponsor: NKARC  
 Time: 6:00 PM (No walk-ins)  
 Contact: Lyle H. Hamilton (513) 315-4032  
 Email: [ab8sh@fuse.net](mailto:ab8sh@fuse.net)  
 VEC: ARRL/VEC  
 Location: Hilltop Church of Christ  
 5300 Taylor Mill Rd  
 Reg Required-3 days prior  
 Taylor Mill KY 41015-2130

08/07/2010  
 Sponsor: W4XXL Volunteer Examiners  
 Time: 10:00 AM (Walk-ins Ok)  
 Contact: Dan R. Schryver (859) 536-9091  
 Email: [w4xxl@windstream.net](mailto:w4xxl@windstream.net)  
 See: earlier listing for details.

### Upcoming Hamfests:

5 Jun 2010  
 Carter County Hamfest  
 Little Sandy Amateur Radio Club  
 Talk-In: 146.700 minus offset (PL 107.2)  
 Contact: Bill Eldridge, KD4DZE  
 554 Foxfire Mountain  
 Grayson, KY 41143  
 Phone: 606-474-8373  
 Email: [kd4dze@arrl.net](mailto:kd4dze@arrl.net)  
 Olive Hill, KY  
 TJ's Music Hall  
 US Route 60  
 Div: Great Lakes  
 Sect: Kentucky

19 Jun 2010  
 Milford Amateur Radio Club  
<http://www.w8mrc.com>  
 Talk-In: 147.345+ (no tone)  
 Contact: Jim Linn, WB8RRR  
 5110 Romohr Road  
 Cincinnati, OH 45244-1023  
 Phone: 513-831-6255  
 Fax: 513-528-7270  
 Email: [wb8rrr@arrl.net](mailto:wb8rrr@arrl.net)  
 Milford, OH  
 Eastside Christian Church  
 5874 Montclair Blvd.

Indianapolis Hamfest Assoc.  
 07/10/2010  
 Start Date: 07/10/2010  
 End Date: 07/10/2010  
 Location: Camp Sertoma  
 Indianapolis, IN 46201  
<http://www.indyhamfest.com>  
 Sponsor: Indianapolis Hamfest Assoc.  
 Type: ARRL Hamfest  
 Talk-In: 146.16/146.76  
 Contact: Bob Blake, N9FIM  
 11064 Indian Lake Blvd.  
 Indianapolis, IN 46236  
 Phone: 317-261-6658  
 Email: [bob9fim@att.net](mailto:bob9fim@att.net)

15 Aug 2010  
 Bluegrass Amateur Radio Society  
<http://www.BluegrassARS.org>  
 Talk-In: 145.390/146.760 (no PL tone)  
 Contact: Jeanie Dalton, KB8QLC  
 PO Box 24188  
 Lexington, KY 40524  
 Phone: 859-619-8164  
 Email: [jeanie@insightbb.com](mailto:jeanie@insightbb.com)  
 Lawrenceburg, KY  
 American Legion Post #34  
 745 West Broadway  
 Div: Great Lakes  
 Sect: Kentucky

09/11/2010  
 Start Date: 09/11/2010  
 Location: Paroquet Springs Conference Centre  
 395 Paroquet Springs Drive  
 Shepherdsville, KY 40165  
 Website:  
<http://LouisvilleHamfest.com>  
 Sponsor: Greater Louisville Hamfest Assoc.  
 Talk-In: 146.700 MHz (PL 79.7)  
 Contact: Bob Myers, K4RVM  
 PO Box 34444 Louisville, KY 40232-4444  
 Phone: 502-935-6710  
 Email:  
[GLHA50@LouisvilleHamfest.com](mailto:GLHA50@LouisvilleHamfest.com)

### 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](mailto:ky4eoc@ky4eoc.com)

Anderson County meets every 2<sup>nd</sup> 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 of 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.