



Pray for our  
Troops



God Bless America!

Q  
U  
A

# /HAMnews

June  
2017

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Club Station K4KJQ

MARS Station AAV4CAB



Glenn E. Welman/KF4NB  
Memorial BBS  
145.010 and 145.090

Web Page: <http://www.bluegrassars.org>  
E-mail: [k4kjq@bluegrassars.org](mailto:k4kjq@bluegrassars.org)

K4KJQ  
146.160/.760

ATV Repeater: KY4ATV  
Input: 439.250 // Output: 923.250

WA4HBM  
147.765/.165

"Ham News" was first published by **Bobby Foster, WA4ZSQ**, in August, 1972; the parent newsletter, "QUA," was first published in March, 1947

## QUICKY NOTES

**Accessing the Club's web**  
page: <[http://www.  
BluegrassARS.org](http://www.BluegrassARS.org)>.

**Telephone Number** for the  
Shack (basement of the Red  
Cross Building): (859) 231-  
0974.

**Subscribe to ListServ:**  
Send an eMail to: [bars-  
request@lsv.uky.edu](mailto:bars-request@lsv.uky.edu); in  
Subject line type Subscribe  
plus <your call sign>

**Post notes** to the Club List  
Serv: <[bars@lsv.uky.edu](mailto:bars@lsv.uky.edu)>.

### -- THE PROGRAM FOR THE JUNE MEETING . . .

. . . will be presented by **Joseph "Smokey" Wallace/KE6IVK**.  
Smokey's topic will be about the Club's plans for "Field Day." Site  
location, site preparation and setup, operating stations, etc.

### -- D-STAR NET --

On May 3, 2017, Ray Whitehouse <[raywhitehouse@msn.com](mailto:raywhitehouse@msn.com)>  
wrote: This is a friendly reminder to check in to the Thursday  
night D-Star nets on Reflector056B. The nets are held every  
Thursday at 7:00 PM. Net Control is **Larry Jones, NN4H**.

Although Reflector 056 is usually considered a Kentucky reflector,  
all hams are welcome. Please spread the word and invite others  
to join the net. 73, Ray/KI4BM

### -- ARRL FIELD DAY --

Get out...get active...and get ON THE AIR!

ARRL Field Day is the most popular on-the-air event held annually in the U.S. and Canada. On the fourth weekend of June,  
more than 35,000 radio amateurs gather with their clubs, groups, or a handful of friends to operate from remote locations.  
June 24-25, 2017, Veterans Park, Lexington, Kentucky (see Meeting Notice below).



*"I have left orders to be  
awakened at any time during  
national emergency, even if I'm  
in a cabinet meeting."*

~ **Ronald Reagan**

QUA/HAMnews

June 2017

## Meeting Notice

**Bill DeVore/N4DIT,**

*Chair, Newsletter Committee  
Bluegrass ARS, Lexington, Kentucky*

The general meeting of the Bluegrass Amateur Radio Society,  
Inc., will be held Monday, June 5, 2017, at 7:30 PM in Meeting  
Room B, second floor of the Red Cross Building, 1450 Newtown  
Pike, Lexington.

The program will be presented by **Joe "Smokey" Wallace/  
KE6IVK** and others who will report on planning, setting up, and  
operating the Club's Field Day site. Plans this year be detailed  
by Smokey during the planning meeting he will hold in the Shack  
on the evening of June 3, but will include basically the same  
activities as last year, i.e., setup starting Saturday morning,  
operating modes, low power operations ran by participants in  
KY-QRP group, "door prizes" with tickets being drawn through-  
out the day, Saturday evening meal. . . and more. We will be at  
the same location as the past few years in Veteran's Park located  
at 650 Southpoint Drive (40515 - GPS = 37.95631, -84.50602,  
at the M60A3 U.S. Army tank) on the south side of Lexington.  
We need everyone who has ideas about how, where, what  
equipment, antennas, etc., to bring your ideas to the meeting  
so we can come up with a final working plan that will assure  
a fun and successful Field Day experience. During the program,  
Smokey will give directions to Veteran's Park, discuss plans for  
number of stations and modes of operation, erecting antennas,  
food and drink, etc. Your suggestions are needed.

Do you have a topic you would like a program on or a program  
you would like to present? Do you have a homebrewed project  
you have built? Bring it and show it off! Question? Ask it! Maybe  
your question isn't one about a Club activity or function, maybe  
you are having a problem getting some newly acquired equip-  
ment set up and operating correctly, or you have an antenna  
with radiation problems. Regardless of your question, problem,

or suggestion, bring it to the Club meeting.

If you have a program you would like to hear or a topic you  
would like to present, contact **James Schlessler/WA9MED** at  
(757) 478-2186 or [wa9med@jschlessler.com](mailto:wa9med@jschlessler.com) (see the program  
schedule on page 2). We welcome your suggestions of how we  
can make a difference in the Club in 2017. ♦

## Board of Directors' Meeting

**Bill DeVore/N4DIT, Chair,**  
*Newsletter Committee*

*Bluegrass ARS, Lexington, Kentucky*

The Board of Directors of the Bluegrass Amateur Radio  
Society, Inc., will meet Monday, June 19, 2017, at 7:30 PM in  
the Education Center, basement of the Red Cross Building, 1450  
Newtown Pike, Lexington.

Board meetings offer you the members, or anyone having an  
interest in amateur radio or public service, a forum to present  
your ideas, requests, congratulations or complaints to the officers  
and committee chairs of the Club. We always are in need of  
persons to share their expertise in a special area or to share an  
experience or activity by presenting a program at the Club's  
regular monthly meeting, or to make suggestions for program  
topics. Anyone wishing to present a program or who has sug-  
gestions for programs, should talk to **James Schlessler/  
WA9MED**, during a Club meeting, or contact him at (757) 478-  
2186, or e-mail to <[wa9med@jschlessler.com](mailto:wa9med@jschlessler.com)>.

Note that we still need volunteers to chair the Contest Commit-  
tee and the Public Relations and Membership Committee. Contact  
**Smokey Wallace/KE6IVK** at <[ke6ivk@arrrl.net](mailto:ke6ivk@arrrl.net)> or (859) 402-  
8208.

To attend the board meeting, enter the Red Cross building through the basement entrance on the left end of the building as you stand facing the front of the building. Follow the stairway down into the basement and into the Education Center adjacent to the Club shack. ♦

## The Central Kentucky ARRL Hamfest Has Moved, Changed Date

*Hamfest Committee,  
Bluegrass ARS,  
Lexington, Kentucky*

The Hamfest Committee members, and Board of Directors, have located a new site for our hamfest. It will be held in the lower level of Eastland Shopping Center, Winchester Road, Lexington. The site is a bingo hall and is a lot larger than the site we have been using in Lawrenceburg, Kentucky, the past few years.

The committee/board of directors have decided to charge the same for entry tickets (advance: \$5.00 or \$6.00 at the gate), but the cost for tables will be reduced to \$10.00 in advance and \$15.00 at the gate day of the hamfest.

The date is the second weekend of  
(Continued on Page 3)

## May Club Meeting

## The Blue Grass Chemical Agent-Destruction Pilot Plant (BGCAPP)

The program was presented by **Jeff Krejsa**, Deputy Site Project Manager, and **Susan Kahler**, Outreach Specialist, of the team responsible for developing and implementing equipment and procedures for destroying the chemicals stored at Bluegrass Ordinance in Madison County, Kentucky. As described in the team's website ([www.peoacwa.army.mil](http://www.peoacwa.army.mil)) the Blue Grass Chemical Agent-Destruction Pilot Plant (BGCAPP) is de-



signed to safely and efficiently destroy the stockpile of chemical weapons currently in storage. Utilizing neutralization followed by supercritical water oxidation (SCWO), the plant will destroy munitions containing nerve agents. Additionally, the Static Detonation Chamber, an explosive destruction technology (EDT), will augment BGCAPP's neutralization/SCWO technology to destroy approximately 15,000 155 mm mustard projectiles in the Blue Grass stockpile,

(Continued on Page 3)

## Program Schedule for 2017

**James Schlessor/WA9MED**, Chair, Program Committee  
Bluegrass ARS, Lexington, Kentucky

The following programs are scheduled for 2017. Your input and suggestions for programs for 2017 are needed. Call **James Schlessor/WA9MED** at (757) 402-8208, or e-mail to [wa9med@jschlessor.com](mailto:wa9med@jschlessor.com).

Month	Topic	Presenter(s)	Comments
✓ January	Open		
✓ February	"BOB"	<b>David Richardson/W9KHZ</b>	Personal Emergency Preparedness
✓ March		Severe Weather Identification and Reporting tentatively by <b>Joe Sullivan/KC7ITG</b>	of the NWS, Louisville
✓ April		<b>Stephen Bishop</b> and <b>Tim Brandewie</b>	Lexington/Fayette Emergency Management
✓ May		Chemical Weapons Removal – Bluegrass Ordinance Depot, Madison County, Kentucky.	
June	"Field Day"	<b>Smokey Wallace/KE6IVK</b>	Site location, preparation, operating stations, etc.
July	Open		
August	Hamfest	<b>David Richardson/W9KHZ</b> and <b>Fest Committee</b>	Location, preparation, tickets, tables, work crews, etc.
September	Annual Family Picnic	<b>Fun, Food, Conversation</b>	Picnic Shelter #2, Shillito Park, Lexington
October	Open		
November	Open		
December	Annual Auction	<b>J.B. Young</b>	will serve as auctioneer to see if he can get you some cash – Bring your items



## The Central Kentucky ARRL Hamfest Has Moved, Changed Date

(Continued from Page 2)

August (as always), but on the Saturday morning rather than Sunday.

With additional numbers of tables and space, more meeting rooms, expansive parking, etc., we can accommodate many more vendors. Pass the word over nets you participate in, club meetings you attend, and to people you know. The contact person is **David Richardson/W9KHZ**, (859) 983-1380, or (daveinlex3@gmail.com). ♦

## May Club Meeting

(Continued from Page 2)

many of which have been found unsuited for processing through the main plant.

Questions were answered during the presentation, and concluded with a brief overview of amateur radio involvement in the Chemical Stockpile Emergency Preparedness Plan (CSEPP) notifications and communications procedures. ♦

**Linda Dawson/AK4GZ** and **Smokey Wallace/KE6IVK** talk with officer **Bill Deebs**. Officer Deebs displayed various items that are standard devices used by law enforcement in their patrol vehicles.



Have you been wanting to get on the air but don't have a rig? How about operating in a HF DX or VHF/UHF contest? The shack is open most Saturday mornings, 9:00 AM until Noon, so come on out! Arrangements can be made for other times. Telephone the shack at 231-0974.

## Amateur Radio Family Field Day

The BARS/JAWS Amateur Radio Family Field Day was held at Jacobson Park, Saturday May 13, 2017, Shelter #4. A wide

range of activities included food (picnic style with brats, hot dogs, burgers, potato salad, baked beans, and more), radios, transmitter hunting, volleyball, and a drone demonstration. Lexington Police provided an officer with his cruiser, and the Fire Department sent out fully equipped fire engines to display and provide details. There was a good turnout and fun was had by all. ♦

Below, from left **Glenn Dawson/AK4HA**, **James Schlessler/WA9MED**, **Alger Breeding/KB4FEE**, and **Martin Weaver/KM4HPK** searching the bands.



Waiting for the charcoal to get hot, from left, **Loretta Colvin**, **Roger Colvin/KJ4YSY**, and **Bill De Vore N4DIT**.



Filling their plates, from left, **Darrell Epperson/AC4YD**, **Jane Johnson/KY4JHJ**, **Smokey Wallace/KE6IVK**, **Linda Dawson/AK4GZ**, and **Alger Breeding/KB4FEE**. The group in the background is watching the drone demonstration.





## Braid versus Strap

ARRL Web Page  
<<http://www.arrl.org/shop/What-s-New/>>

Flat, solid strap or heavy wire are the standard for making grounding, bonding, or high-current connections at RF. Braided strap is often used for DC and low-frequency power and grounding connections – is it ever acceptable to use braided conductors for RF?

If the connection needs to flex - for example, for grounding equipment that

*"A great man is hard on himself; a small man is hard on others."*

~ Confucius

has to be moved frequently – and it's protected from water, it is OK to use tinned flat-weave braid. Never use a braided conductor for high-frequency connections outside or where it can get wet! Water will be drawn into the braid between the strands

where it causes the individual strands to corrode, reducing the effectiveness of the braid.

It is common practice to remove copper braid from old coaxial cable and use that for grounding – don't do it at RF! Coax braid works fine inside a cable, but when removed from its protective jacket, rapidly begins to loosen and corrode, losing its effectiveness at RF.

For more grounding tips, get *"Grounding and Bonding for the Radio Amateur,"* a new book available from the ARRL. ♦

## Call for Nominations – Ernie Farmer Memorial Award

Nominations are requested for the person you feel meets or exceeds the below-listed qualities as related to amateur radio and its many diverse and varied activities. Nominations should be sent to **Smokey Wallace/KE6IVK**, President, Bluegrass ARS, Inc., PO Box 4411, Lexington, Kentucky 40544-4411 (ke6ivk@arrl.net).

The person selected from your nominations will be honored during a special award ceremony held during the ARRL Central Kentucky Hamfest, Saturday August 12, 2017. Many arrangements must be made, so do not put this off.

### Rules

1. This award is to be presented during the annual hamfest.

2. The call for nominations must be published in the Bluegrass ARS newsletter three consecutive months prior to the deadline for nominations, which is thirty (30) days prior to the hamfest. Any nominations received after that date (July 12, 2017) will not be considered.

3. Nominations must be in writing and signed, or by e-mail with submitter's name clearly shown, with specific and adequate information describing why the nominee should be considered.

4. Areas of consideration:

- Involvement in public relations.
- Operating excellence.
- Involvement in public service.
- Assistance to prospective and/or licensed amateurs.
- A combination of these for the general furtherance of amateur radio.

5. The President shall appoint a committee of no less than three to consider nominations and select the winner. The committee shall select the winner within two weeks after the deadline and procure an appropriate plaque in sufficient time to permit presentation at the hamfest. Also, the committee will write a letter of commendation outlining the reasons for the award. This is to be presented along with the plaque.

6. The winner will be notified prior to the hamfest to permit acceptance of the plaque and the letter and attendance at the hamfest.

7. The name of the winner and the contents of the commendation letter will be published in the Club newsletter following the hamfest. ♦

## Previous Winners of the Ernie Farmer Memorial Award

The following persons have previously been selected by their fellow Hams as possessing the characteristics listed in the Call for Nominations. You probably recognize many of the names and call signs because they are always there when needed and do not hesitate to get involved.

1979 – **Sam Humphries/WA4KKV**  
1980 – **William Alcock/W4CDA**  
(Danville)  
1981 – **Bill Shepherd/W4AUZ**  
1982 – **Mike Mahlbacher/WA4UQA**  
1983 – **Ed Bono/WA4ONE**, and  
**Harry Bradshaw/W4TPB** (SK)  
1984 – **Bill DeVore/N4DIT**  
1985 – **Ed White/KD4TQ** (SK)  
1986 – **Scott Hackney/KI4LE**  
1987 – **Nan Muth/AA4UN**, and  
**John Boyers/W8OM** (Plain City, OH)  
1988 – No nominations received  
1989 – **Bill Woodward/KC4CHF** (SK),  
and **Jim Odom/WA4GHQ** (now  
AC4FP, SK)  
1990 – **John Thernes/WM4T** (Covington)  
1991 – **John Crutcher/KC4DUU**

1992 – **Bobby Rolph/KB4QNR**  
1993 – **Ralph Herndon/KN4DF**  
1994 – **Johnie Watson/KC4JNR** (now  
NA4J) (SK Feb 2013)  
1995 – **Paul Mitchell/N4DUE**  
1996 – **Bill Fuqua/KO4WW** (now  
WA4LAV) and  
**Jim Muth/N4CGQ**  
1997 – **Steve McCallum/K4URX**  
(W2ZBY) (SK)  
1998 – **Harry Sparks/KN4S**  
1999 – None awarded  
2000 – **Ron Ritchie/KF4MOM**  
2001 – **Ron Dodson/KA4MAP** (Webster,  
Kentucky)  
– **James Craig McKechnie/**  
**KE4FFQ**  
2002 – **Lou Berry/AG4LB**, and

**Pat Spencer/KD4PWL**  
2003 – **John Bell/K4RBH** (Honorary  
Presentation, SK),  
**Fernie Williams/KE4MAI** and  
**Jerry B. Young/WA4WWH**  
2004 – **Tom Mansfield/KG4TND**  
2005 – **Darryl Bennett/KD4CSW**  
2006 – **Greg Cross/WA8FJK**  
2007 – **Margueritte Williams/KE4MAJ**  
2008 – **Jeanie Dalton-Pugh/KB8QLC**  
2009 – No nominations received  
2010 – No nominations received  
2011 – **Brad James/WA4HBM**  
2012 – **Pete Clough/WD4GPO**  
2013 – **Pat Hayden/AI4W**  
2014 – **Glenn A. Dawson/AK4HA**  
2015 – No nominations received  
2016 – **Joseph Wallace/KE6IVK**

## 2017 COMEX Showcase

**Cecil Dennis K4TCD**

ARRL Section Emergency Coordinator  
– Kentucky

Kentucky Emergency Management and the Kentucky Army National Guard bring you the 2017 Kentucky Communication Interoperability Exercise. All federal, state and local agencies are welcome. The dead-

line for registration was May 31, 2017.

The 2017 Exercise will be a three-week event. The first week (June 12-16) will focus on Command Post interoperability and classroom communications training.

Showcase locations will focus on classroom interoperability training, command post interoperability testing, and scenario based exercises. There will be six different training classes provided on day one and

**Andy Rooney** wrote that . . .

*"Most of us end up with no more than five or six people who remember us. Teachers have thousands of people who remember them for the rest of their lives."*

command post testing, radio programming, and scenario exercises on day two.

June 12-13: Pike County Central High School, 1901 U.S. Highway 119 N, Pikeville, Kentucky. Point of Contact: **Doug Tackett** (Pikeville), (606) 422-7989 (doug.tackett@pike911.org).

June 15-16: Area 2 State Fire Rescue Center, 2001 Training Center Drive, Princeton, Kentucky. Point of Contact: **Jeremy Blanket** (Princeton), (502) 607-5159 (Jeremy.blansett.nfg@mail.mil).

I will be giving a talk on HAM and WINLINK at each of these sites.

Please sign up (<sec@kyares.org>) to let me know how many of you will be coming to see all the toys that will be there. ♦

## Schedule for Volunteer Examinations in 2017

**Harry Sparks/KN4S,**  
Bluegrass Volunteer Examiners,  
kn4s@kn4s.com

The exam schedule for 2017 follows nearly the same format as past years. The scheduling is for Lexington/Fayette County and the sessions in Danville, Georgetown, Winchester, and Richmond hamfest. The Bluegrass Amateur Radio Society-sponsored ARRL exams will continue to be held on the second Saturday of the second month of each quarter (except the August Session will be the date of the Central Kentucky ARRL Hamfest in Lexington), and the WCARS sessions remain as they were last year, Tuesday evenings quarterly.

### Test Session Locations

Lexington*	Winchester**	Danville	Georgetown
Red Cross Building 1450 Newtown Pike Lexington KY 40509	Clark County EOC 200 Maryland Ave Winchester KY 40391	Danville Red Cross 3rd St Methodist Church S. 3rd Street Danville KY 40442	Georgetown Police Dept 550 Bourbon Street Georgetown KY 40324

\* August, Bluegrass ARS Hamfest, Eastland Shopping Center, Lexington, Kentucky

\*\* September, CKARS Hamfest, Madison County Fairgrounds, Richmond, Kentucky

### Contact Information

**ARRL VEC:** Lexington and BARS ARRL Hamfest test sessions – Liaison **Fernie Williams/KE4MAI**, ke4mai@arrl.net, 859-652-3393 (www.bluegrassars.org)  
Danville – Liaison **John Wulf/K4FT**, k4ft@bellsouth.net, 563-505-0339, Wilderness Road Amateur Radio Club  
Georgetown – Liaison **Ron Malinowski/WX4GPS**, wx4gps@arrl.net, 502-542-8252

**WCARS VEC:** Lexington – Liaison **Margueritte Williams/KE4MAJ**, ke4maj@arrl.net, 859-489-6274 (www.bluegrassars.org)

**W5YI VEC:** Winchester – Liaison **Darrell Epperson/AC4YD**, eppersond@aol.com, 859-771-1834

**TEST SESSION FEE:** ARRL – \$15; WCARS – \$10; W5YI – \$14

Date and Time	VEC	Location
Saturday, <b>June 10, 2017</b> 10:00 AM	ARRL	Georgetown
Tuesday, <b>June 13, 2017</b> 07:00 PM	WCARS	Lexington
Saturday, <b>July 8, 2017</b> 10:00 AM	W5YI	Winchester
Saturday, <b>July 22, 2017</b> 10:00 AM	ARRL	Danville
Saturday, <b>August 12, 2017</b> 11:00 AM	ARRL	BARS Hamfest
Saturday, <b>September 9, 2017</b> 10:00 AM	ARRL	Georgetown
Saturday, <b>September 16, 2017</b> 12:30 PM	W5YI**	Richmond
Tuesday, <b>September 19, 2017</b> 07:00 PM	WCARS	Lexington
Saturday, <b>October 14, 2017</b> 10:00 AM	W5YI	Winchester
Saturday, <b>October 28, 2017</b> 10:00 AM	ARRL	Danville
Thursday, <b>November 2, 2017</b> 06:30 PM	ARRL	Georgetown
Saturday, <b>November 11, 2017</b> 10:00 AM	ARRL	Lexington
Saturday, <b>December 9, 2017</b> 10:00 AM	ARRL	Georgetown
Tuesday, <b>December 12, 2017</b> 07:00 PM	WCARS	Lexington

## Dale's Tales

**Dale Williams WA8EFK,**

Director, ARRL Great Lakes Division  
wa8efk@arrl.org  
May 1, 2017

Spring is here and along with it the potential severe weather that appears all across the Great Lakes Division. Many, if not most ARES groups have completed their Skywarn training for this year and are prepared for activation if the situation calls for it. And, *IF* their key Served Agency calls them into action.

"IF" is the intended key word. Self-deployment is not the desired action. It is fraught with problems – going to the wrong place, not being really needed, being ill prepared for the scenario, not registered with the served agency, needed elsewhere, the list goes on. Moreover, every season, it seems, we hear of someone who chose to self-deploy into a disaster area only to create a mini-disaster all by themselves. The self-deployment rule espoused by all leaders in emergency management is simply "Don't do it"! Instead, contact your EC and let him or her know of your availability and ask if you are needed, where you may best serve, when you should arrive and what resources you need to take with you. We need to be the best communicators – let's make sure we are on that path.

### Tom's Comments

For those of us who have been hams for a while, we know how important clubs are.

And this month, I got to see that once again, having been invited to the 40th anniversary celebration of the Highland Amateur Radio Association. What a nice celebration with some very friendly folks! They're a very active club with many activities, especially in recruiting and teaching new hams.

And over the past several years, I've been to a number of club celebrations, including several 75th anniversaries. Good to see so many clubs going strong.

It doesn't seem like amateur radio is a group activity. I can just turn on my radio and talk around the world. Or that is one view. But when you stop to think about it, if I just call a random number in some other country on my phone, I most likely won't get a friendly response. On ham radio, at the very least, I'll get some interest in how my signal is doing, maybe a weather report, and a friendly "73!" And that can only be because of our shared interest in radio.

Taken to another level, there are so many of our activities that are "group" exercises. You can't do a public service event without a shared interest in the event or cause, and without a good deal of coordination between the ham organizers and the event organizers. And remember, the spring/summer holds lots of opportunities for these kind of events.

The ARDF Championships, which happen to be coming to Cincinnati--my home town!--on August 6th, are another of those "group" events. Yes, the individual participants "compete" against each other, but unless there was a sponsoring group, and people who are willing to do the setup, how would it happen? Hard to think of a reason to learn about and do radio direction finding without some help.

And one of the odd facts I've learned from being on the Entry Level License Committee of the Board, is that a large number of new hams get their license totally on their own. And we also know that a large number of technician licensees never advance, and drop out, although we sometimes have to wait through the ten-year license period to see that renewals are down. Anyway, we can't necessarily do anything about people who want to "do it on their own," but the enthusiasm of the clubs that do hold license classes helps make and retain new hams, who are more likely to be on the air, and advance to a higher license. So keep up the good work on that front. And the more activities your club has, with a variety of interests served, the better your club will be, and the better ham radio will be.

*"The one who listens does the most work, not the one who speaks."*

~ Stephen R. Covey

All of us can learn, and all of us can participate. Share your knowledge. Keep your club strong, and do what you can to help ham radio.

73, Tom W8WTD, Vice Director,  
ARRL Great Lakes Division

Here is the current Great Lakes Division ARRL Sanctioned Hamfest Schedule covering the next few weeks. These swaps have received their sanctioning approval from ARRL HQ at the time of this publication. We have approximately 65 ARRL hamfests each year in the Great Lakes Division. I do encourage each Hamfest Chair to register early for ARRL Sanctioning. Be sure to invite your ARRL Officials as soon as your date is set.

Jun 3 – Princeton (KY) Hamfest

Jun 10 – Union County – Marysville, OH

# JAWS SWAP MEET

## Saturday, June 3, 10:00 AM-Noon

The JAWS Swap Meet is an informal gathering for the purpose of getting folks out of the house and together to buy, sell, or trade anything radio related out of the back of their car or truck bed. Bring any of your old rigs, junk, obsolete gear, spare parts, unused items, or stuff you plain don't want to taking up space. No fees or commissions. And, if you are lucky you will find a buyer, and possibly something you didn't even know you wanted or needed.

Socializing and having fun are the goals of this event. Newcomers and old-timers alike are welcome join in. Some of us will be heading to a local restaurant (determined at Swap Meet) after 12 for lunch, and we encourage you to join us.

LOCATION: St Joseph (Corman) Ambulatory Care Center, 1250 Keene Rd (US169), off US 27 Bypass around Nicholasville. We will be at the SE corner of the parking lot (X). Call in on 145.49 MHz repeater.





Jun 17 – Milford Hamfest – Milford, OH  
 Jun 24 & 25 – FIELD DAY  
 Jul 16 – Van Wert (OH) Hamfest  
 Jul 22 – Big Sandy Fest – Louisa, KY

Be sure to check your Section's news pages for the latest local happenings, club and net information. ♦

## QB-50 Constellation Satellites Deployed from ISS

[www.arrl.org/news](http://www.arrl.org/news)  
 May 26, 2017

More than two dozen QB50 constellation CubeSats have been deployed from

*"Enjoy money while you have it.  
 Shrouds don't have pockets."*

~ Virginia Esberg's Grandmother

the International Space Station (ISS), including three carrying Amateur Radio transponders. Built by student groups from 23 countries, the string-of-pearls QB50 constellation aims to study the lower thermosphere 200-380 kilometers above Earth.

In all, 28 QB50 2U and 3U CubeSats were released into orbit. These included LilacSat-1 (ON02CN), which includes an Amateur Radio VHF/UHF FM to Codec2-BPSK digital voice transponder, APRS digipeater, and a camera; X-CubeSat

(ON01FR) and SpaceCube (ON05FR). LilacSat-1's transponder's FM uplink is 145.985 MHz (67 Hz CTCSS tone); the Codec2 9600 bps BPSK downlink is 436.510 MHz. The uplink frequency for both X-CubeSat and SpaceCube is 145.860 MHz (210.7 Hz CTCSS tone). Downlinks are 437.020 MHz for X-CubeSat and 436.880 MHz for SpaceCube.

Developed at the Harbin Institute of Technology, LilacSat-1's primary payload is an ion and neutral particle mass spectrometer, developed by the University of London, to measure the mass and distribution of charged and neutral atoms. Shortly after its deployment LilacSat-1 took a picture of the ISS solar panels, and the image was received by students on 70 centimeters, using 9,600 bps BPSK. ♦



## It's the Rule

### Amateur Radio:

### Science and Skill in Service to Your Community

*ARRL's 2015 report on how Amateur Radio has benefitted the United States through public service*

*"At any given moment, millions of radio waves travel around, through, and out of Earth's atmosphere. In the age of instant communication, our society relies on the radio wave for maintaining government, commerce, and contact with our loved ones."*

Wireless communication and infrastructure are so commonplace, we don't even give it a second thought – until we no longer have access to it. At those times, we realize how dependent we are on the radio wave to maintain our existence.

Since the implementation of wireless communications in the early 20th century, Amateur Radio operators have consistently provided a robust, reliable network that enables messages to get through under the most extreme circumstances. Amateur Radio functions completely independent of the Internet and telecommunications infrastructure, does not have to rely on the electrical grid for power, and can be set up in a matter of minutes at almost any location.

#### Your National Resource, Available In Your Area

Title 47 of the Code of Federal Regulations defines the basis and purpose of the Amateur Radio Service, in part, as *"Recognition and enhancement of the*

*value of the amateur service to the public as a voluntary noncommercial communication service, particularly with respect to providing emergency communications."* As of December 2014, there are over 725,000 Amateur Radio operators in the United States – an all-time high. They are licensed by the Federal Communications Commission and are trained in the art and science of communication and basic electronics theory. With very few exceptions, radio amateurs live in every county in the country; few other radio services can claim such widespread coverage. They are prohibited by law from receiving payment for their services; Amateur Radio operators own and maintain their own equipment and regularly give back to their communities and their country out of a sense of service and duty, *at no cost* to the communities they serve.

ARRL, the national association for Amateur Radio, has built relationships with other national served agencies such as FEMA, the American Red Cross, the Salvation Army, the National Weather Service, Department of Defense, Boy Scouts of America, and several others.

#### The Value of Amateur Radio

What value would you place on a group of people who:

- Can provide instant wireless communi-

cation during a disaster or community event with little advance notice;

- Have established relationships with local served agencies and law enforcement;
- Take enormous pride in being able to give their technical expertise back to their communities when asked?

This level of organized communications, especially during a disaster, usually comes with significant financial liability to a community at a time when resources are critical. In times of need, Amateur Radio already provides this level of infrastructure, free for the asking.

#### Communicate Globally, Volunteer Locally

In all areas of the country, Amateur Radio operators serve their communities through disaster communications, public service, and facilitating the instruction of STEM (Science, Technology, Engineering, and Math) topics at all educational levels.

For the past century, through FCC encouragement, Amateur Radio has been a valuable laboratory for wireless communications technology development, which ultimately flows to the benefit of consumers and business.



## Where's the Rare DX?

"OPDX Bulletin 1315"

April 10, 2017

<<http://www.papays.com/opdx1315.html>>

**BURUNDI (9U)** – A group will be active as 9U4M Nov 6-17 on the lower bands, and the WARC bands using Digi modes. They will have five stations, operating any mode around the clock. their web site is coming soon.

**CAMEROON (TJ)** – Dan/AA9WO became active as TJ3PD May 10 on 20 m SSB. Listen on 40, 20, and 10m SSB. He plans to eventually be active on 80-10m. QSL via LoTW.

**CHAGOS (VQ9)** – Jeremy/N1ZZZ will sign VQ9ZZ til mid-Jun on 20 and 17m, SSB and various low power Digi modes. QSL via his home CBA, direct, Buro or LoTW.

**CRETE (SV9)** – Ron/WB2GAI will sign SV9/WB2GAI/P from Crete (EU-015) Jul 2-Sep 29. USA stations QSL to his CBA. LogBook of the World is not used, NOTE: Ron has all his logs for PJ8 (1996), and SV9 (2001, 2005, 2009 and 2011), if you are in need of his QSL.

**DEM REP OF THE CONGO (9Q)** – Fernando/EA4BB will sign 9Q6BB for 3 years on HF (80-10m), mainly SSB. QSL via W3HNK.

**DJIBOUTI (J28)** – Jean-Philippe/F1TMY will sign J28PJ for at least 3 years on 160-6m. QSL via F1TMY.

**FRENCH POLYNESIA (FO)** – Jean-Pierre/F6CTF will sign FO/F6CTF from Taravao, Tahiti, and FO/F6CTF/MM Jun-Sep on 40/20/17/15m. QSL via his home CBA direct or eQSL.

**HONG KONG (VR2Ø) (Special Event)** – The Hong Kong Radio Sports Association (HRSA) members will sign VR2Ø from Jul 1, 2017-Jun 30, 2018, to commemorate the 20th anniversary of the Hong Kong Special Administrative Region of the People's Republic of China. <[https://www.itu.int/dms\\_pub/itu-t/opb/sp/T-SP-OB.1116-2017-OAS-PDF-E.pdf](https://www.itu.int/dms_pub/itu-t/opb/sp/T-SP-OB.1116-2017-OAS-PDF-E.pdf)>.

**INDIAN OCEAN 6M EME DXPEDITIONS (West Is/Cocos Is)** – Listen for Lance/W7GJ signing VK9CGJ Sep 12-28, and Christmas Island as VK9XGJ Oct 2-18) on 6m EME QSOs. <<http://www.bigskyspaces.com/w7gj/Indian%20Ocean%202017.htm>>.

**LEONT'YEVA ISLAND (AS-022)** – A group will sign RIØLI from the Medvezhyi (Bear) Islands group in the E Siberian Sea during the third week of Jul on various HF bands. <<http://www.riØli.com>>

**MALDIVES (8Q)** – John/G4IRN will sign

## Upcoming Contests

Sean Kutzko/KX9X,

QST, <<http://www.arrl.org/contest-calendar>>, scroll down, click on "Contest Corral"

- Jun 1 NRAU 10-Meter Activity Contest, CW/Digi/Phn, [www.nrau.net](http://www.nrau.net)
- Jun 3 Wake-Up! QRP Sprint, 40/20m, CW, [www.qrp.ru/contest/wakeup](http://www.qrp.ru/contest/wakeup)
- Jun 3-4 PVRC Reunion, 160-10m, CW/Phn, [www.pvrc.org/reunion/reunion.htm](http://www.pvrc.org/reunion/reunion.htm)
- Jun 3-4 10-10 International Open Season PSK Contest, 10m, Digi, [www.ten-ten.org](http://www.ten-ten.org)
- Jun 3-4 DigiFest, 80-10m, [www.mixw.net](http://www.mixw.net)
- Jun 3-4 SEANET Contest, 80-10m, CW/Phn, [www.seanet2017.com/seanet-contest](http://www.seanet2017.com/seanet-contest)
- Jun 3-4 UKSMG Summer Contest, 6m, CW/Digi/Phn, [www.uksmg.org/contest.php](http://www.uksmg.org/contest.php)
- Jun 3-4 IARU Region 1 Field Day, 160-10m, CW, [www.darc.de](http://www.darc.de)
- Jun 3-4 Dutch Kingdom Contest, 40-6m, CW/Phn, [www.dkars.nl/index.php?page=rules](http://www.dkars.nl/index.php?page=rules)
- Jun 3-4 RSGB National Field Day, 160-10m, CW, [www.rsgbcc.org/hf](http://www.rsgbcc.org/hf)
- Jun 3-4 Alabama QSO Party, 160-10m, CW/Phn, [www.alabamاقsoparty.org](http://www.alabamاقsoparty.org)
- Jun 5 RSGB 80-Meter Club Championship, Data, [www.rsgbcc.org/hf](http://www.rsgbcc.org/hf)
- Jun 6 ARS Spartan Sprint, 80-10m, CW, [www.arsqrq.blogspot.com](http://www.arsqrq.blogspot.com)
- Jun 9 HA3NS Sprint Memorial Contest, 80/40m, CW, [www.radioamator.honlapepites.hu](http://www.radioamator.honlapepites.hu)
- Jun 10 Asia-Pacific Sprint, SSB, 29/15m, Phn, [www.jsfc.org/apsprint/aprule.txt](http://www.jsfc.org/apsprint/aprule.txt)
- Jun 10-11 DRCG WW RTTY Contest, 80-10m, Digi, [www.drcg.de/drcgww](http://www.drcg.de/drcgww)
- Jun 10-11 VK Shires Contest, 80-10m, CW/Phn, [www.wia.org.au](http://www.wia.org.au)
- Jun 10-11 Portugal Day Contest, 80-10m, CW/Phn, [www.ep.pt/portugal\\_day\\_contest](http://www.ep.pt/portugal_day_contest)
- Jun 10-11 SKCC Weekend Sprintathon, 160-6m, CW, [www.skccgroup.com](http://www.skccgroup.com)
- Jun 10-11 GACW WWSA CW DX Contest, 80-10m, [www.wwsatest.org/english](http://www.wwsatest.org/english)
- Jun 10-11 REF DDFM 6-Meter Contest, CW/Phn, [www.concours.r-e-f.org](http://www.concours.r-e-f.org)
- Jun 10-12 ARRL June VHF Contest, 6m and Up, CW/Digi/Phn, [www.arrl.org/june-vhf](http://www.arrl.org/june-vhf)
- Jun 11 Cookie Crumble QRP Test, all bands, CW/Digi/Phn, [www.w3atb.com/cookie-crumble](http://www.w3atb.com/cookie-crumble)
- Jun 12 4 States QRP Grp Second Sunday Sprint, 160-10m, CW/Phn, [www.4sqrq.com/SSS](http://www.4sqrq.com/SSS)
- Jun 14 NAQCC CW Sprint, 80-20m, CW, [www.naqcc.info](http://www.naqcc.info)
- Jun 14 RSGB 80-Meter Club Championship, 80m, CW, [www.rsgbcc.org/hf](http://www.rsgbcc.org/hf)
- Jun 17 AGCW VHF/UHF Contest, 2m/70cm, CW, [www.agcw.org](http://www.agcw.org)
- Jun 17 Feld Hell Sprint, 160-6m, Digi, [www.sites.google.com/site/feldhellclub](http://www.sites.google.com/site/feldhellclub)
- Jun 17-18 All Asian DX Contest, CW, 160-10m, [www.jarl.org/English](http://www.jarl.org/English)
- Jun 17-18 SMIRK Contest, 6m, CW/Phn, [www.smirk.org](http://www.smirk.org)
- Jun 17-18 Ukrainian DX Classic RTTY Contest, 80-10m, Digi, [www.urdx.org/rtty](http://www.urdx.org/rtty)
- Jun 17-18 ARR BPSK63 Contest, 160-10m, Digi, [www.ct1arr.org](http://www.ct1arr.org)
- Jun 17-18 IARU Region 1 50 MHz Contest, CW/Phn, [www.concours.r-e-f.org](http://www.concours.r-e-f.org)
- Jun 17-18 Stew Perry Topband Challenge, 160m, CW, [www.kkn.net/stew](http://www.kkn.net/stew)
- Jun 17-18 West Virginia QSO Party, 80-10m, CW/Digi/Phn, [www.qsl.net/wvsarc/wvqp](http://www.qsl.net/wvsarc/wvqp)
- Jun 18 WAB 50 MHz Phone, [www.wab.intermip.net](http://www.wab.intermip.net)
- Jun 18 Kids Day Contest, 3.5-14, 18, 21, 24, 28, repeaters, Phn, Name, age, QTH, favorite color, [www.arrl.org/kids-day](http://www.arrl.org/kids-day)
- Jun 19 Run for the Bacon QRP Contest, 160-10m, CW, [www.qrpcontest.com/pigrun](http://www.qrpcontest.com/pigrun)
- Jun 22 NAQCC CW Sprint, 80-20m, [www.naqcc.info](http://www.naqcc.info)
- Jun 22 RSGB 80-Meter Club Championship, SSB, [www.rsgbcc.org/hf](http://www.rsgbcc.org/hf)
- Jun 24 UFT QRP Contest, 80-10m, CW, [www.uft.net/reglement/eng.pdf](http://www.uft.net/reglement/eng.pdf)
- Jun 24-25 Battle of Carabobo International Contest, 40-10m, CW/Phn, [www.radioclubvalenciaac.org.ve](http://www.radioclubvalenciaac.org.ve)
- Jun 24-25 His Majesty King of Spain Test, SSB, 160-10m, Phn, [www.concursos.ure.es/en](http://www.concursos.ure.es/en)
- Jun 24-25 Ukrainian DX DIGI Contest, 80-10m, [www.izmail-dx.com](http://www.izmail-dx.com)
- Jun 24-25 ARRL Field Day, all bands, CW/Digi/Phn, [www.skccgroup.com](http://www.skccgroup.com)

8Q7RN from Maldive Is (AS-013) in Jun 2017 on various HF bands. QSL via his home CBA or OQRS.

**MALDIVES (8Q)** – Phil/G4PWO will sign 8Q7PW from Fonimagoodhoo Is, Baa Atoll (AS-013), starting July 18 concentrating on 40/20/17/15m – SSB if conditions are good, Digital modes if conditions are bad. QSL via ClubLog. Look for updates on QRZ.com.

**MALTA (9H)** – Haru/JA1XGI will sign 9H3XG from Sliema, Malta (EU-023) Jun 7-12 on 40-15m using CW and RTTY. QSL via his home CBA or LoTW. <<http://www.geocities.jp/maltahpliday>>

**MINAMI TORISHIMA (JD1)** – Take/JG8NQJ will sign JG8NQJ/JD1 from Marcus Is in the Minami Torishima (OC-073, JCG 10007) group til mid-Jul mainly

on 17m but also on 20/15/12/10/6m using CW and RTTY. QSL via JA8CJY or by the Buro via JG8NQJ.

**PALAU (T8)** – Operators Kay/JH3AZC (T88CX), Takio/JH3QFL (T88CU), Mamoru/JH3VAA (T88CV), and Taka/JP3EKR (T88DG) will be on Koror Is (OC-009) Oct 11-16.

**PALAU (T8)** – Listen for T88CX, T88DG on 2-m EME (grid locator PJ77fi), T8CU on satellites, and T88CV on the HF bands.

The team call sign will be T8EM. QSL T88CX and T8EM via JH3AZC, T88DG via JP3EXR, T88CU via JH3QFL and T88CV via JH3VAA.

**REPUBLIC OF THE CONGO (TN)** – Ken/LA7GIA will sign TN5E until Jun 4e on 80-10m (possibly 6m) using CW and SSB. QSL via MØOXO, LoTW, or ClubLog's OQRS Buro cards MUST be requested via OQRS!! <<http://la7gia.com/tn%20-%20congo/index.html>>.

**SOUTH COOK ISLANDS (E5)** – Shirley/VK5YL will sign E51XYL from Rarotonga Island (OC-013) Jun 10-17 on 20m SSB. QSL via her home CBA.

**SOUTH COOK ISLANDS (E5)** – Alex/F4GHS will sign E51GHS from two of the South Cook Islands during August: August 7-16 -- from Aitutaki Island (OC-083); August 16-25 -- from Rarotonga Island (OC-013). He will operate on various HF bands. QSL via his home CBA.

## Meeting Schedules for Area Clubs, Exam Sessions, etc.

*Bill DeVore/N4DIT*

Volunteer examinations are held in or near Lexington on a schedule that has tests in central Kentucky every month of the year. Schedules for area sessions are as follows:

The **Bluegrass Amateur Radio Society, Inc.** (Lexington) – (**Fernie Williams/KE4MAI** (ARRL – \$15.00) and **Margie Williams/KE4MAJ** (WCARS – \$10.00)), with **Darrell/AC4YD** in Winchester and Richmond (W5YI), **John/K4FT** in Danville (ARRL), and **Ron/WX4GPS** in Georgetown (ARRL – \$15.00), have a schedule to offer an exam monthly in Lexington/central Kentucky. (See schedules on page 5 of this newsletter). ARRL-sponsored tests are held the second Saturday of the month, 10:00 AM in the Red Cross Building, Meeting Room “B”, 1450 Newtown Pike, Lexington (except the August session is the Saturday of the second weekend of the month and is held at the site of the Central Kentucky ARRL Hamfest), and WCARS-sponsored sessions are held the third Tuesday of the scheduled month, 7:00 PM in Meeting Room “A” in the Red Cross Building, 1450 Newtown Pike, Lexington. Contact **Margie/KE4MAJ** at 859-489-6274 or email to [ke4maj@arrl.net](mailto:ke4maj@arrl.net). Go to <<http://www.lexkywcars.org>> for information.

**Winchester (W5YI VEC)** – Test sessions are the second Saturday of January, April, July, and October at 10:00 AM. They are located in the Clark County EOC, 200 Maryland Avenue, Winchester, Kentucky. Their 2017 schedule: Saturday, January, 9, Saturday, April 9, Saturday, July 9, and Saturday, October 8. Contact Liaison **Darrell Epperson/AC4YD**, [eppersond@aol.com](mailto:eppersond@aol.com), 859-771-1834

**Danville (ARRL VEC)** – Test sessions are fourth Saturday in January, April, July and October at 10:00 AM. Liaison **John Wulf/K4FT**, 563-505-0339, Wilderness Road Amateur Radio Club, Red Cross Building, 454 South Third Street, Danville.

**Georgetown (ARRL VEC)** – Liaison **Ron Malinowski/WX4GPS**, [wx4gps@arrl.net](mailto:wx4gps@arrl.net), 502-542-8252, Georgetown Police Dept, 550 Bourbon St., Georgetown (for dates see schedule on page 5 of this newsletter).

**Radio Theory and Construction Workshop** – Each Saturday 1:00-3:00 PM in the Bluegrass ARS Education Center, basement of the Red Cross Building, 1450 Newtown Pike, Lexington. Contact **Bill Fuqua/WA4LAV** at (859) 272-9523 or [wa4lav@arrl.net](mailto:wa4lav@arrl.net).

**Versailles/Woodford County** – The Woodford County Amateur Radio Club meets the first Wednesday of each month at 7:00 PM in the Versailles Fire Station No. 2 on Big Sink Pike. Anyone interested in amateur radio is cordially invited. Also, visit their web site at <<http://www.ky4wc.org>>. You may contact **Todd**

**Rose/KE4YAH** ([atrose@windstream.net](mailto:atrose@windstream.net)).

**Fayette County ARES Net**, Wednesday, 9:00 PM, 147.120 (Tone 141.3) repeater.

**Amateur Television and Specialized Communications Net** – An informal meeting is held every Sunday evening at 9:00 PM (local time) on the 146.760 (-600 offset) repeater in Lexington.

**Kentucky Six-Shooters Net** – Wednesday evenings at 8:00 PM six meters FM on 52.525 MHz (vertically polarized). **David Jordan/KI4AWZ** net control; and, Daily Six-Meter FM Ragchew net 7:00-9:00 PM on 52.525 MHz (vertically polarized). **James Peel/KG4VAR** net control.

**KY-QRP** – Contact **Chris Gay/KU4A**, [ku4a@arrl.net](mailto:ku4a@arrl.net). Meetings are the same schedule as Bluegrass ARS, first Monday each month, but at 7:00 PM, in Meeting Room “B”, second floor of 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 AM in the Solarium room at Georgetown Community Hospital, 1140 Lexington Road, Georgetown. Check in to their weekly simplex net Tuesdays at 7:00 PM on 146.685 (PL 141.3).

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

**Pioneer ARC** (Winchester) – Fourth Tuesday each month, Golden Corral Restaurant at 7:00 PM (eat at 6:00), except March 24 will meet at City Hall (SkyWarn). Talk-in and info on the 145.430 (T-103.5) repeater.

**Jessamine Amateur Wireless Society** (Nicholasville) – Second Monday each month at 7:00 PM in the St. Joseph/R.J. Corman Ambulatory Care Center, 1250 Keene Road. (U.S. 27 Bypass south to intersection with 169; turn left at the light.) Talk-in and information on the 145.490 (T-123.0).

**The Jessamine County ARES Net**, Tuesdays at 7:30 PM, 145.490. . . Byron Smith, Sr./KA3WOD EC, [byronllx@aol.com](mailto:byronllx@aol.com).

**The Madison County ARES Net** meets Monday at 7:00 PM, 146.865 (pl 192.8). Everyone is invited to check in. . . Wilderness Trail Emergency Net, Wednesdays, 8:30 PM, 146.715 (pl 100.0). . . Glenn/KO4OL.

Please send any changes or corrections to these notices, or notices not listed here, to my attention, **Bill DeVore/N4DIT**, in care of Bluegrass Amateur Radio Society, Inc., PO Box 4411, Lexington, KY 40544-4411, or e-mail to [billdit@twc.com](mailto:billdit@twc.com).



## Minutes of the General Meeting of the Bluegrass Amateur Radio Society, Inc., May 1, 2017\*

Recorded and submitted by:  
**Bruce A. Campbell, KM4EHU**, Secretary

The May general meeting was called to order by President **Smokey Wallace, KE6IVK**, at 7:30pm. Self-introductions were made by all seventeen(17) licensed amateur radio operators in attendance which included three(3) non-member visitors.

President **Smokey Wallace, KE6IVK**, welcomed all present for the Bluegrass Chemical Agent Destruction Pilot Plant (BCADPP) presentation. **Jeff Krejsa**, Deputy Site Project Manager, and **Susan Kahler**, Outreach Specialist, from the Bluegrass Army Depot (BGAD) were introduced and conducted an informative session on the mission, process, and schedule for the destruction of the chemical weapons stored at the Department of Defence (DoD) facility in Richmond, KY. Questions were answered during the presentation, and concluded with a brief overview of the amateur radio involvement in the Chemical Stockpile Emergency Preparedness Plan (CSEPP) notifications and communications procedures.

After conclusion of the BCADPP presentation, President Smokey Wallace, KE6IVK, called for a shortened general meeting of the Bluegrass Amateur Radio Society.

Treasurer **John Barnes, KS4GL**, presented the BARS membership application for **Jeff Cole, KM4BJT**. The application had been reviewed and accepted by the directors at the past April director's meeting. **J.B. Young, WA4WWH**, moved, and **Tim Kunkel, KF4MPM**, seconded, that the application be accepted, which was approved unanimously.

Treasurer **John Barnes, KS4GL**, submitted the summary treasurer's report of amounts available in deposits as of April 30, 2017. (See inset at the right).

**J.B. Young, WA4WWH**, moved, and **James Schlessler, WA9MED**, seconded, that the treasurer's report be accepted, which was approved unanimously.

BARS members not feeling at their best this month are **Bill Fuqua, WA4LAV**, and **Alan Martin, KV4YB**.

### Old Business:

- I. The joint BARS/JAWS Kids Family Day is scheduled for Saturday, May 13th, from 11:00am to 3:00pm, Jacobson Park Shelter #4. Setup time will begin around 9:00am. Lunch-time food will be provided.

## TREASURER'S FINANCIAL SUMMARY

Respectfully submitted, **John Barnes/KS4GL**, Treasurer

### BLUEGRASS AMATEUR RADIO SOCIETY, INC. INCOME, EXPENSES, AND ACCOUNT BALANCES April 30, 2017

	Checking Account	Pay Pal Account	Savings Account	Total
<b>Income:</b>				
ARRL Dues	0.00	0.00	0.00	0.00
BARS Dues	20.00	0.00	0.00	20.00
Coax/Repeater	0.00	0.00	0.00	0.00
Donations	0.00	0.00	0.00	0.00
Education	0.00	0.00	0.00	0.00
Hamfest	0.00	0.00	0.00	0.00
Interest	0.00	0.00	0.01	0.01
Miscellaneous	0.00	0.00	0.00	0.00
<b>Total</b>	<b>20.00</b>	<b>0.00</b>	<b>0.01</b>	<b>20.01</b>

<b>Expenses:</b>				
ARRL Dues	0.00			0.00
Coax/Repeaters	0.00			0.00
Donations	0.00			0.00
Education	0.00			0.00
Election	0.00			0.00
Equipment	0.00			0.00
Field Day	0.00			0.00
Hamfest	0.00			0.00
Insurance	0.00			0.00
Miscellaneous	0.00			0.00
Newsletter	0.00			0.00
Picnic	0.00			0.00
P.O. Box/Postage	0.00			0.00
Subscriptions	0.00			0.00
Telephone	0.00			0.00
<b>Total</b>	<b>0.00</b>			<b>0.00</b>

### Account Balances

	March 31, 2017	April 30, 2017
Checking*	\$13129.71	\$13149.71
Pay Pal Balance	\$ 2506.64	\$ 2506.64
Savings Balance	\$ 200.29	\$ 200.30
<b>Total Balance</b>	<b>\$15836.64</b>	<b>\$15856.65</b>

### \*Fund Specific Balances (Checking)

General	\$ 9969.77	\$ 9989.77
Coax/Repeater	\$ 1164.64	\$ 1164.64
Education	\$ 1995.30	\$ 1995.30
<b>Total</b>	<b>\$13129.71</b>	<b>\$13149.71</b>

\*Reference made to "BARS" means Bluegrass Amateur Radio Society, Inc., wherever it occurs.

II. **Martin Weaver, KM4HPK**, will be conducting a Boy Scout Radio Merit Badge session on Saturday, June 10th, in the BARS education room.

#### New Business:

I. The Fayette County EOC will hold an Open House for amateur radio operators on May 4th at the new facility on Cisco Rd.

II. **John Barnes, KS4GL**, moved and **J.B. Young, WA4WWH**, seconded that \$60.00 be appropriated for the procurement of six (6) sets of licensed software for the computers that are planned on being donated by new member **Jeff Cole, KM4BJT**. The motion passed unanimously.

III. The Bluegrass Amateur Radio Society is now considered an inactive affiliated club on the ARRL due to out-dated and un-renewed club information. Secretary **Bruce Campbell, KM4EHU**, will take the necessary steps

to provide the ARRL with the current club information in order to regain active ARRL affiliated club status.

IV. President **Smokey Wallace, KE6IVK**, requests that the standing committee chairman consider providing him a written committee report shortly before the scheduled general meetings in order facilitate the presentation of the committee reports during the meetings in case of committee chairman absences.

The next formal BARS scheduled meetings in May and June are:

Joint BARS/JAWS Family Day: Saturday, May 13th, 11:00am-3:00pm, Jacobson Park, Shelter #4.

Armed Forces Day: Saturday, May 13th  
MARS/Ham Crossband Communications Test.

Hamvention: Friday, May 19th, thru Sunday, May 21st, Xenia, Ohio.

Directors' Meeting: Monday, May 15th,

at 7:30pm, in the BARS room at the Red Cross Bldg.

KY-QRP Meeting: Monday, June 5th, at 7:00pm, in the meeting room at the Red Cross Building.

General Meeting: Monday, June 5th, at 7:30pm, in the meeting room at the Red Cross Building. Program: Field Day Preparations.

Boy Scout Radio Merit Badge: Saturday, June 10th, in the BARS Room.

ARRL Kids' Day: Sunday, June 18th.

Directors' Meeting: Monday, June 19th, at 7:30 pm, in the BARS room at the Red Cross Bldg.

ARRL Field day: June 24-25, Veterans' Park.

With no other business at 9:10 pm, **J.B. Young, WA4WWH**, moved, and **Bill DeVore, N4DIT**, seconded that the meeting be adjourned, which was approved unanimously.

## Minutes of the Board of Directors Meeting, May 15, 2017

Recorded and submitted by:  
**R. William De Vore, N4DIT**  
Secretary (Retired)

The meeting was called to order by President **Joseph "Smokey" Wallace, KE6IVK**, at 7:39 PM. In attendance were: President **Smokey Wallace, KE6IVK**; Second Vice President **James Schlessler, WA9MED**; Treasurer **John Barnes, KS4GL**; Directors-at-Large **Tim Kunkel, KF4MPM** and **David Richardson, W9KHZ**; and Newsletter Committee Chair **R. William De Vore, N4DIT**. In addition, MARS representatives **Barry Jackson, WB4N** and **Harvey Fry, AA4HF** were present.

The president called for officer and committee chairs' reports.

Treasurer **John Barnes, KS4GL**, submitted his treasurer's report of amounts in available deposits as of April 30, 2017. **James Schlessler, WA9MED**, moved John's report be accepted. A second was voiced by **Tim Kunkel, KF4MPM**. The motion was approved unanimously.

President Wallace reported Secretary **Bruce Campbell, KM4EHU**, was not able to attend the board meeting due to a family member being ill. The president reported that Secretary Campbell was working on submitting the paperwork necessary to reaffiliate our Club with the American Radio Relay League (ARRL).

#### Committee Reports

**Hamfest:** **David Richardson, W9KHZ**, reported he is working with **John Barnes, KS4GL**, to print a batch of hamfest flyers to take to Dayton Hamvention, and other events during the summer. John has printed copies of our flyer free-of-charge for a number of years.

**Newsletter:** **R. William DeVore,**

**N4DIT**, said he has nothing new to report and as always mentioned content is always welcome for inclusion in future editions of the newsletter.

**Program:** **James Schlessler, WA9MED**, said a suggestion had been made to have a program on how to survive in nature. He is checking into it. James will be giving a program on weather proofing cable and assemblies for the July meeting.

**Shack:** **Smokey Wallace, KE6IVK**, said nothing new has been done, other than he has removed all of his personal equipment and has taken it home. He noted both antennas are working well.

#### Old Business

President **Smokey Wallace, KE6IVK**, noted the flyer **Bill De Vore, N4DIT**, had designed for the Family Amateur Radio Field Day last Saturday. He said it had helped attract quite a few visitors to the activity. He also reported the Police officer and fire engines displayed attracted visitors also, and he expressed his gratitude to them for taking the time to do so.

President **Smokey Wallace, KE6IVK**, read the requirements as printed in a copy of the Club Bylaws for a Director-at-Large to serve as HF Liaison for below 50 MHz to the Shack Committee Chair. He noted that this copy of the Bylaws does not specify a Director as liaison, it specifies that the president is the sole person responsible for the shack.

**MARS:** **Harvey Frye, AA4HF**, reported that Club member **Jeff Cole, KM4BJT**, donated a laptop computer to be used for MARS activities. Jeff was thanked by all present.

Harv also said he will be donating a bunch of Yaesu hats he has collected over the years. He thought they will make nice door prizes, gifts, etc. Harv was thanked.

**James Schlessler, WA9MED**, moved that the Club pay member **Jeff Cole, KM4BJT**, \$60.00 for a license to use Windows software with the Club's computers. A second was voiced by **Tim Kunkel, KF4MPM**. The motion must now be taken to the members present during an official Club meeting for consideration, discussion, and approval.



**David Richardson, W9KHZ**, has donated a flat screen television to mount on the wall in the Education Center. A motion to accept was made by **James Schlessner, WA9MED**; second by **John Barnes, KS4GL**. Motion passed.

### New Business

President **Smokey Wallace, KE6IVK**, announced he will hold a Field Day coordinating meeting Saturday, June 3 and everyone who will participate, attend, provide equipment, etc., will be required to attend.

A long discussion followed about com-

puters that were donated, where they will be located, and the arrangement of items in the workshop/office.

The next formal BARS scheduled meetings for June are:

**KY-QRP Meeting:** Monday, June 5, at 7:00 PM, in meeting room "B" in the Red Cross Building.

**General Meeting:** Monday, June 5, at 7:30 PM, in meeting room "B" in the Red Cross Building. Program: Field Day Preparations.

**Boy Scout Radio Merit Badge:** Saturday, June 10, in the Club's Education

Center, basement of the Red Cross Building.

**ARRL Kids' Day:** Sunday, June 18.

**Directors' Meeting:** Monday, June 19, at 7:30 PM, in the Club's Education Center, basement of the Red Cross Building.

**ARRL Field Day:** June 24-25, Veterans' Park, Lexington.

With no other business at 8:40 PM, **Bill De Vore, N4DIT**, moved, and **James Schlessner, WA9MED**, voiced a second, that the meeting be adjourned, which was approved unanimously. ♦

## Looking Back. . . From QUA/HAMnews. . . June 2000, page 5

### 2000 Rolex 3-Day Event a Success

*Pat Spencer/KD4PWL, Communications Liaison for the Event, and Member, Bluegrass ARS, Lexington, Kentucky*

On April 29-30, twenty-nine amateur radio operators, and significant others, turned out to assist Central Kentucky Riding for the Handicapped (CKRH). The group helped CKRH with providing both manpower, and communications for disabled and spectator shuttles. These shuttles, consisting of golf carts, and vans, provided a valuable service to the thousands of attendees at the event. The volunteers were definitely in the limelight for their hard work, long hours, and most of all, organizational skills. The ability of the operators to communicate, as well as our training in accomplishing tasks in large groups, showed the worth of every individual involved.

Everyone, from Leslie Young, Chief Stewart-Services for the Disabled to members of Rolex Management, complemented the efforts of everyone involved. I will have to admit, that probably the most appreciative parties were the thousands of tired spectators with sore legs.

Despite the hard work, a good time was had by all! For the second year, this has served as both an event, and a chance at fellowship for the amateurs of Central Kentucky.

Some of the fun was had by Darryl "Gimme Sumptin' to do" Bennett, KD4CSW who offered me the sage advice of "don't give choices, give assignments." Darryl ended up with one of the worse assignments in the opinion of most. Honorable mention will also have to be given to Johnnie "Stickem' Like Glue" Watson, NA4J for keeping up with Leslie throughout the entire event. Anyone who knows Leslie knows that is no small task.

No single person however, needs to be singled out above any other for their contribution to the event. Let me take this moment to personally thank everyone who worked their hindquarters off, and made it appear as if I had one iota of knowing what I was doing. Although we came from several counties, we all worked as one. We showed the level of discipline, and organization we possess. I truly hope that everyone comes back next year for what Ted James, WD4KYD calls .The Big .R... Also, an open invitation to all amateur radio operators; events are fun! Get involved! Just ask any of the following volunteers who gave of themselves to make this happen!

#### Bourbon County:

Pete Clough, WD4GPO; Jennifer Webb, KF4DXJ.

#### Fayette County:

Darryl Bennett, KD4CSW; Lou Berry, AG4LB; Hap. Bourgois, KF4WFI; Bill DeVore, N4DIT; Jack Dickerson, K2JJK; Craig McKechnie, KE4FFQ; Ron Ritchie, KF4MOM; Kim Spencer, Pat Spencer, KD4PWL; Johnnie Watson, NA4J; Wilson Wells,

N4ZQT; and last but not least, Jerry Young, WA4WWH for helping with off-site relays, and talk-in.

#### Henderson County:

Claudia Behnke, KG4EYB.

#### Madison County:

Martin Hensley, KF4EBC.

#### Montgomery County:

Larry George, WD4IRW.

#### Scott County:

Jenny Ballanger; Daryl Casey; David Glass, WA4QAL; Gary Glass, KD4VKJ; Ron Headley, WD8QAZ; Kathy James; Ted James, WD4KYD; Kathy Jordan, KG4DJK; Danny Judd, KG4DOJ; Doris Mehs, KF4SKG; Rich Mehs, AE4EH, Eric Westerfield, KE4KWR; Michele Westerfield, KF4YVY.

#### Woodford County:

Jim Hughes, KZ4PL.

Again, many many thanks to everyone. The entire operation was a complete success thanks to what you did! I can't say that enough.

A very sincere and happy 73!

Pat/KD4PWL

# QUA/HAMnews

QUA/HAMnews is published monthly by the Newsletter Committee of the Bluegrass Amateur Radio Society, Inc., and is distributed by e-mail only.

Letters to the editor, technical articles, items of interest to the Ham community and guest editorials are invited and will be published at the discretion of the editor. Items for sale by members of the Society will be advertised without charge for one issue, and may be resubmitted as often as desired. These ads must be noncommercial in nature.

Commercial ads can be arranged, contact the editor.

All copy must be in the hands of the editor by the end of the Board of Directors' meeting on the third Monday of each month. All articles submitted must be accompanied by the author(s) name(s) and contact information.

Articles published in QUA/HAMnews do not necessarily represent the views of the Officers, Board of Directors, editor, or Society membership, nor does publication thereof represent concurrence by the Officers, Board of Directors, editor, or Society membership of the contents of the article. No article will be published unless it is accompanied by the name(s) of the person(s) submitting the material.

**R. William (Bill) DeVore/N4DIT**, 112 Brigadoon Pkwy,  
Lexington, Kentucky 40517-1305 (859) 273-8345 billdit@twc.com

## Standing Committee Chairs:

Contest ..... Need Chair  
Education ..... Bill Fuqua/WA4LAV (859) 272-9523 (wlfuqu00@uky.edu)  
Emergency Preparedness (Liaison Bluegrass ARS with LFUCG DEM)  
..... David Richardson/W9KHZ (859) 983/1380 (daveinlex3@gmail.com)  
Hamfest ..... David Richardson/W9KHZ (859) 983/1380 (daveinlex3@gmail.com)  
Newsletter ..... Bill DeVore/N4DIT (859) 273-8345 (billdit@twc.com)  
Program ..... James Schlessler/WA9MED (757) 478-2186 (wa9med@jschlessler.com)  
Public Relations and Membership ..... Need Chair  
Repeater ..... Andrew Cook/KF4OWP (859-396-9930) (kf4owp@gmail.com)  
Shack ..... Joseph "Smokey" Wallace/KE6IVK (859) 402-8208 (ke6ivk@arri.net)  
Volunteer Examinations ..... Fernie Williams/KE4MAI (859-652-3393) (ke4mai@arri.net)

## Trustees, Ex Officio Committee Chairs, and Contacts for Special Activities:

Historian ..... Bill DeVore/N4DIT (859) 273-8345 (billdit@twc.com)  
KY-QRP Group ..... Chris Gay/KU4A (859) 299-9393 (KU4A@juno.com)  
Library ..... John Barnes/KS4GL (859) 253-1178 (jrbarnes@iglou.com)  
Shack Trustee ..... Andrew Cook/KF4OWP (kf4owp@gmail.com)  
VHF Repeaters Trustee ..... Andrew Cook/KF4OWP (kf4owp@gmail.com)  
HF Liaison to Shack Committee ..... David Richardson/W9KHZ  
VHF Liaison to Shack Committee ..... Tim Kunkle/KF4MPM

## President:

Joseph Wallace/KE6IVK  
409C Laredo Court  
Lexington, Kentucky 40517  
859/402-8208  
ke6ivk@arri.net

## Second Vice-President:

James Schlessler/WA9MED  
1492 Elizabeth Street  
Lexington, Kentucky 40503  
757/478-2186  
wa9med@jschlessler.com

## Treasurer:

John Barnes/KS4GL  
216 Hillsboro Avenue  
Lexington, Kentucky 40511-2105  
859/253-1178  
jrbarnes@iglou.com

## First Vice-President:

Bill Fuqua/WA4LAV  
3395 Greentree Drive  
Lexington, Kentucky 40517  
859/272-9523  
wlfuqu00@uky.edu

## Secretary:

Bruce Campbell/KM4EHU  
169 Millwood Drive  
Winchester, Kentucky 40391  
859/744-7608  
bruce\_campbell@mymail.eku.edu

## Directors-at-Large:

Tim Kunkle/KF4MPM  
426 Blueberry Lane  
Lexington, Kentucky 40503  
859/279-6307, and  
David Richardson/W9KHZ  
1809 Wayland Drive  
Lexington, Kentucky 40505  
859/983-1380  
daveinlex3@gmail.com

Annual Dues (January 1 – December 31)

Payable using Pay Pal – Go to <http://www.

BluegrassARS.org>, click on "Membership."

click on the option for your preference as below:

Regular Membership

One year – \$20.00; two years – \$38.00; three years – \$55.00

(Additional family member(s) at the same address \$1.00 each per year)

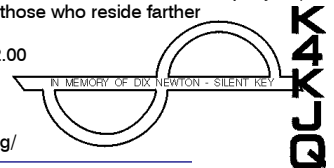
Associate Membership – \$15.00 (for those who reside farther than 50 miles from Lexington)

Full-Time Student Membership – \$12.00

(for those 21 and under, and no other Club member in the family)

Shack telephone: (859) 231-0974

web page: <http://www.BluegrassARS.org/>



## Calendar of Ham Radio Activities for June 2017



Thu 1 Meeting of Bluegrass ARS Technical Group, 6:30 PM, Education Center, basement of the Red Cross Building, 1450 Newtown Pike, Lexington  
Thu 1 Jaws Ragchew, 7:30 PM, 145.490(-) no PL; Woodford Cty ARES Net, 8:00 PM, 145.330(-) PL 107.2; Pioneer Amateur Radio Net, 8:45 PM, 145.430(-) PL 203.5.  
Sat 3 Shack open 9:00-Noon; Radio Theory and Construction Workshop, 1:00-3:00 PM, Edu Ctr, Basement of the Red Cross Building, 1450 Newtown Pike  
Sun 4 Amateur Television & Specialized Communications Net, 9:00 PM (146.760 Repeater), Greg, W8FJK net control.  
**Mon 5 KY-QRP Group Meeting**, 7:00 PM, Meeting Room "B", Red Cross Building, 1450 Newtown Pike, Lexington  
**Mon 5 Bluegrass ARS Monthly Meeting**, 7:30 PM, Meeting Room "B", Red Cross Building, 1450 Newtown Pike, Lexington  
Mon 5 Madison Cty ARES net, 7:00 PM, 146.865(-) PL 192.8; Kentucky Emergency net, 7:30 PM, 3.972.5 MHz LSB; KYy Digi net, 8:30 PM, 3.587 MHz, PSK31  
Tue 6 NE4ST SCARES Net, 7:00 PM, 146.685(-) PL 141.3; Traders Net 8:00 PM, 145.37(-) PL192.8; Amateur Swap Net 145.370 (T-192.8) 8:00 PM; "Casual Communicators Net," 9:00 PM Eastern, 443.325+ MHz  
Wed 7 Six Shooters Net, 9:00 PM, 52.525 MHz FM, Crossbanded on 145.430(-) PL 203.5; Fayette Cty ARES Net, 9:00 PM (2100hrs), 147.120(-) T-141.3  
Thu 8 Meeting of Bluegrass ARS Technical Group, 6:30 PM, Education Center, basement of the Red Cross Building, 1450 Newtown Pike, Lexington  
Thu 8 Jaws Ragchew, 7:30 PM, 145.490(-) no PL; Woodford Cty ARES Net, 8:00 PM, 145.330(-) PL 107.2; Pioneer Amateur Radio Net, 8:45 PM, 145.430(-) PL 203.5.  
Sat 10 Shack open 9:00-Noon; Radio Theory and Construction Workshop, 1:00-3:00 PM, Edu Ctr, Basement of the Red Cross Building, 1450 Newtown Pike  
Sun 11 Amateur Television & Specialized Communications Net, 9:00 PM (146.760 Repeater), Greg, W8FJK net control.  
Mon 12 JAWS monthly meeting, 7:00 PM, St. Joseph/R.J. Corman Ambulatory Care Center, 1250 Keene Road, Nicholasville; Madison Cty ARES net, 7:00 PM, 146.865 (-) PL 192.8; Kentucky Emergency net, 7:30 PM, 3.972.5 MHz LSB; KYy Digi net, 8:30 PM, 3.587 MHz, PSK31  
Tue 13 NE4ST SCARES Net, 7:00 PM, 146.685(-) PL 141.3; Traders Net 8:00 PM, 145.37(-) PL192.8; Amateur Swap Net 145.370 (T-192.8) 8:00 PM; "Casual Communicators Net," 9:00 PM Eastern, 443.325+ MHz  
Wed 14 Six Shooters Net, 9:00 PM, 52.525 MHz FM, Crossbanded on 145.430(-) PL 203.5; Fayette Cty ARES Net, 9:00 PM (2100hrs), 147.120(-) T-141.3  
Thu 15 Meeting of Bluegrass ARS Technical Group, 6:30 PM, Education Center, basement of the Red Cross Building, 1450 Newtown Pike, Lexington  
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Sat 17 Shack open 9:00-Noon; Radio Theory and Construction Workshop, 1:00-3:00 PM, Edu Ctr, Basement of the Red Cross Building, 1450 Newtown Pike  
Sun 18 Amateur Television & Specialized Communications Net, 9:00 PM (146.760 Repeater), Greg, W8FJK net control.  
**Mon 19 Bluegrass ARS Board of Directors' Meeting**, 7:30 PM, Education Center, Basement of the Red Cross Bldg, 1450 Newtown Pike, Lexington  
Tue 20 NE4ST SCARES Net, 7:00 PM, 146.685(-) PL 141.3; Traders Net 8:00 PM, 145.37(-) PL192.8; Amateur Swap Net 145.370 (T-192.8) 8:00 PM; "Casual Communicators Net," 9:00 PM Eastern, 443.325+ MHz  
Wed 21 Six Shooters Net, 9:00 PM, 52.525 MHz FM, Crossbanded on 145.430(-) PL 203.5; Fayette Cty ARES Net, 9:00 PM (2100hrs), 147.120(-) T-141.3  
Thu 22 Meeting of Bluegrass ARS Technical Group, 6:30 PM, Education Center, basement of the Red Cross Building, 1450 Newtown Pike, Lexington  
Thu 22 Jaws Ragchew, 7:30 PM, 145.490(-) no PL; Woodford Cty ARES Net, 8:00 PM, 145.330(-) PL 107.2; Pioneer Amateur Radio Net, 8:45 PM, 145.430(-) PL 203.5.  
Sat 24 Shack open 9:00-Noon; Radio Theory and Construction Workshop, 1:00-3:00 PM, Edu Ctr, Basement of the Red Cross Building, 1450 Newtown Pike  
Sun 25 Amateur Television & Specialized Communications Net, 9:00 PM (146.760 Repeater), Greg, W8FJK net control.  
Tue 27 NE4ST SCARES Net, 7:00 PM, 146.685(-) PL 141.3; Traders Net 8:00 PM, 145.37(-) PL192.8; Amateur Swap Net 145.370 (T-192.8) 8:00 PM; "Casual Communicators Net," 9:00 PM Eastern, 443.325+ MHz  
Wed 28 Six Shooters Net, 9:00 PM, 52.525 MHz FM, Crossbanded on 145.430(-) PL 203.5; Fayette Cty ARES Net, 9:00 PM (2100hrs), 147.120(-) T-141.3  
Thu 29 Meeting of Bluegrass ARS Technical Group, 6:30 PM, Education Center, basement of the Red Cross Building, 1450 Newtown Pike, Lexington  
Thu 29 Jaws Ragchew, 7:30 PM, 145.490(-) no PL; Woodford Cty ARES Net, 8:00 PM, 145.330(-) PL 107.2; Pioneer Amateur Radio Net, 8:45 PM, 145.430(-) PL 203.5.