



ARRL Standard



Pray for our  
Troops



God Bless America!

# QUA / HAMnews

August  
2018

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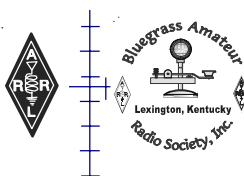
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145.010 and 145.090

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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>>.

**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 AUGUST MEETING . . .

. . . will be presented by **David Richardson/W9KHZ** chair of the Hamfest committee. David's topic will be about the Club's hamfest to be held Saturday, August 11. See "Meeting Notice" below and details on Page 4.

### --- CHAIR/EDITOR OF THE NEWSLETTER COMMITTEE ---

Club member **Bart Breeding/KB4FEE** has offered to accept the responsibilities as editor of the newsletter. He will be helping until the first of the year 2019 while he is setting up his computer, etc. . . . **Bill/N4DIT**

### --- THANKS FOR THE KIND WORDS ---

I would like to thank everyone who has sent me e-mails commenting on my retirement as editor of the Bluegrass ARS newsletter, **QUA/HAMnews**. Over the years I have made many friends through producing the newsletter, most of you I have never met, and your comments to me makes it difficult to put my typewriter down. Yes, when I started this enjoyable task there were no reliable word processing tools to produce published materials. . . we used typewriters and "cut and pasted" the articles on mats to be duplicated. And of course there was no Internet to distribute the copies each month. . . only the U.S. Postal service. As times have changed, so have the instruments we use, and as we grow old, we ourselves must be replaced. Thank goodness for faithful young folks who can guarantee our efforts are continued into the future.

**--- NOTE: REPORTS OF THE RECORD OF THE BYLAWS COMMITTEE MEETINGS AFTER REPORT #3 ARE NOT PUBLISHED IN THE NEWSLETTER DUE TO THE LENGTH OF THE MANUSCRIPTS. CONTACT SECRETARY CAMPBELL TO OBTAIN RECENT MEETING RECORDS, OR CONTACT ME FOR A COPY OF THE REPORTS ISSUED BY THE COMMITTEE ([billdit@twc.com](mailto:billdit@twc.com)) ---**



*"Politics is not a bad profession. If you succeed there are many rewards, if you disgrace yourself you can always write a book."*

**~ Ronald Reagan**

**QUA/HAMnews**

August 2018

## Meeting Notice

**Bill De Vore/N4DIT,**  
*Chair, Newsletter Committee*  
*Bluegrass ARS, Lexington, Kentucky*

The general meeting of the Bluegrass Amateur Radio Society, Inc., will be held Monday, August 6, 2018, 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 **David Richardson/W9KHZ**. David will be describing our plans for the hamfest: location, vendors who are coming, work crews, tables sold and tables available, and details about flea market spaces and sales, forums, exam session, food concession, etc. There will be tickets and tables available for purchase at pre-hamfest prices.

Details about the hamfest are given on Page 4 of this newsletter. If you need more information not given here you may contact David at [daveinlex3@gmail.com](mailto:daveinlex3@gmail.com) or **Andrew Cook/KF4OWP** at [kf4owp@gmail.com](mailto:kf4owp@gmail.com) or (859) 396-9930.

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 equipment 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.

The Club shack is open most Saturday mornings for anyone to operate the Club's stations, or to bring pieces of equipment out to be tuned or checked, or to learn about Amateur Radio, or to just sit around and talk. . . just drop in, no appointment necessary.

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 De Vore/N4DIT,** *Chair,*  
*Newsletter Committee*  
*Bluegrass ARS, Lexington, Kentucky*

The Board of Directors of the Bluegrass Amateur Radio Society, Inc., will meet Monday, August 20, 2018, 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 suggestions 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)>.

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. ♦

## Thanks From Darryl/ KD4CSW

**Darryl Bennett/KD4CSW**,  
Event Communications Coordinator and  
Member, Bluegrass ARS,  
Lexington, Kentucky

The 2018 Bluegrass 10K Marathon is now history. Thanks to all who helped with the event on the Fourth of July morning. Nothing bad happened to any runners, that I know of, and that's the way we like it. Seventeen people participated with communications this year. I hope to see you all again next year.

My personal thanks to all!

Following is a list of everyone who participated.

**Fernie Williams KE4MAI**  
**Ron Malinowski WX4GPS**  
**Harry Dence N4HT**  
**Rob Dence N4CBR**  
**Mike Hagen N0MH**  
**Joe Takacs KK4AJB**  
**Roger Postley WD4CRG**  
**Jane Johnson KY4JHJ**  
**Bill Johnson KY4WHJ**  
**Mark Elliott KN4HVX**  
Myself, **Darrell Bennett**  
**KD4CSW**

## July Club Meeting Open Discussion

Many thanks to president **Andrew Cook/KF4OWP** for leading a discussion about a few matters the Club is confronted with. Most important is the new Kentucky law that went into effect July 1, 2018 making sales tax collection mandatory for service providers, including nonprofits. Tentatively, our club will be responsible for collection, reporting, and paying sales taxes for our hamfest. . .but, as we understand the law, we will not be required to collect, report or pay sales taxes for membership dues. More information will be reported as the law is interpreted, and maybe even understood, over the next few weeks.

Club member **Harry Dence/N4HT** has made consultation with his personal/business accountant available for Club officers to contact for advice. Many, Many thanks to Harry,

After the general meeting was adjourned, **Bill Fuqua, WA4LAV**, presented a program on resonance in the BARS classroom. ♦



**Here they come! The mob of runners approaching the turn from N. Limestone unto Third Street.**

## Program Schedule for 2018

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

The following programs are scheduled for 2018. Your input and suggestions for programs for 2018 are needed. Call **James Schlessler/WA9MED** at (757) 478-2186, or e-mail to <wa9med@jschlessler.com>.

Month	Topic	Presenter(s)	Comments
✓ January	"Winter Field Day, January 27-28, 2018"	<b>David Richardson, W9KHZ.</b>	
✓ February	"Software Defined Radio (SDR)"	<b>James Schlessler/WA9MED</b>	What Programs Would You Like to Hear?
✓ March	"Severe Weather Identification and Reporting"	<b>Joe Sullivan/KC7ITG</b>	of the NWS, Louisville
✓ April	"Design and Construction/Use of an Eggbeater Omnidirectional Antenna"	<b>James Schlessler/WA9MED</b>	
✓ May	Members' Discussion, "How I Became Interested in Amateur Radio, Getting Licensed"		
✓ June	"Field Day" (Presenter Pending)	Site location, preparation, operating stations, etc.	
✓ July	Open		
August	Hamfest	<b>Dave 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	"Studying Solar and Lunar Eclipses with Homebrew Optical Projectors and Ham Radio Gear"	<b>Dale Covington, K4GSX</b>	
November	Report of Nominating Committee		
December	Annual Auction	<b>J.B. Young</b> will serve as auctioneer to see if he can get you some cash – Bring your items	



**Roger Colvin KJ4YSY** and  
grandson **Brian**  
**Rob Langdorf KY4RWL** and  
**Jocelyn**  
**Bill De Vore N4DIT**  
**Smokey Wallace KE6IVK. ✦**

## Kentucky Sales Tax

**John Barnes KS4GL,**  
Treasurer,  
Bluegrass ARS,  
Lexington KY 40544-4411

I am not a lawyer or a tax professional, so please do not take this E-mail as legal advice. But I owned and ran two small businesses from 2001-2011 and 2002-2013, and have been the Treasurer of various clubs for some 15-20+ years, including almost 4 years now as the Treasurer of the Bluegrass Amateur Radio Society, Inc. (BARS). I also have over 40 years of experience researching technical topics, which sometimes get tangled up in government laws, regulations, and standards.

I have been researching Kentucky's sales tax laws and regulations for a couple of months now, trying to find out:

1. Whether BARS will need to collect Kentucky sales tax at some of our upcoming activities.
2. How to get a Kentucky Sales Tax Permit.
3. How to keep our 501(c)(3) status with the Internal Revenue Service (IRS).
4. Kentucky's laws and regulations on sales tax.

At the regular BARS meeting on July 2nd, **Harry Dence N4HT** told us that Kentucky had recently made numerous changes to its sales tax laws, that took effect on July 1, 2018. Harry also offered to let the club talk to his Certified Public Accountant (CPA)-- at Harry's expense-- to get answers to our questions on these topics. We accepted Harry's offer, and decided that the BARS Board of Directors -- and any other interested members of the club -- would discuss these sales-tax concerns at the BARS Board of Directors meeting on Monday, July 18.

### Sources

Some basic information about Kentucky sales tax -- and links to more detailed information -- may be found in the Kentucky Department of Revenue's Sales & Use Tax web page at <<https://revenue.ky.gov/Business/Sales-Use-Tax/Pages/default.aspx>>.

Kentucky's sales-tax laws are found in Kentucky Revised Statutes (KRS) Chapter 139 <<http://www.lrc.ky.gov/statutes/>

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.

chapter.aspx?id=37663>.

Kentucky's sales-tax regulations are found in Kentucky Administrative Regulations -- Title 103 (Chapters 25-31) at <<http://www.lrc.ky.gov/kar/TITLE103.HTM>>.

The Kentucky government has an online Sales Tax Handbook at <<https://www.salestaxhandbook.com/kentucky/sales-tax-permits>>.

Kentucky Tax Registration Application and Instructions Form 10A100(P) (06-18) at: <<https://revenue.ky.gov/Forms/10A100.pdf>>.

### Brief History

You may have heard a quote attributed to Mark Twain, "No man's life, liberty, or property are safe while the legislature is in session."

This saying actually goes back to Judge Gideon J. Tucker, who wrote it in his decision on a New York legal case in 1866: <[https://en.wikipedia.org/wiki/Gideon\\_J.\\_Tucker](https://en.wikipedia.org/wiki/Gideon_J._Tucker)>.

A prime example is Kentucky (2018) House Bill 487 <<http://www.lrc.ky.gov/recorddocuments/bill/18RS/HB487/bill.pdf>>, which was passed on April 27, 2018. Sections 36 to 51 (pages 101 to 140, out of 417 pages total) make numerous changes to Kentucky's sales tax laws effective July 1, 2018. As of last night (Saturday July 14) these changes have been incorporated into the documents listed above.

### KRS CHAPTER 139

<<http://www.lrc.ky.gov/statutes/chapter.aspx?id=37663>>

I'm not going to try to interpret the government gobbledegook in this document. But here are the sections that I think apply to BARS, and why:

.010 Definitions for chapter.

Part (1) defines "admissions".

Part (24) defines "occasional sale" in a very-convoluted manner.

In combination with part (36), "retailer" and many other documents that I found on the Internet, the Kentucky Department of Revenue seems to treat a maximum of two sales by an organization in a 12-month period as "occasional sales".

.185 Corporate officers, managers of limited liability companies, and partners of registered limited liability partnerships personally liable.

Officers liable for sales taxes.

.200 Imposition of sales tax. Sales tax is 6% of gross receipts.

.210 Retailer's powers to collect from purchaser -- Separate display of tax -- Taxes collected constitute debt to Commonwealth. Sales tax displayed separately from cost.

.240 Application for retailer's or seller's permit to do business. Kentucky Sales Tax Permit.

.260 Presumption that all gross receipts and tangible personal property and digital property sold for delivery in this state are taxable -- Burden of proof.

.270 Resale certificate and certificates of exemption. Proof of exemption from sales tax.

.380 Separate display of tax and price. Show sales tax separate from price.

KRS 139.450 Presumption as to property shipped or brought into state -- Duty of retailers that do not collect tax to provide use tax liability notification to Kentucky customers -- Exemption. See exemption (8).

.470 Exempt transactions. (Effective April 27, 2018) Part (3), occasional sales are exempt. Part (16), refunds for returns.

**.495 Application of taxes to resident nonprofit institutions and to certain limited liability companies. Sales to 501(c)(3) organizations are exempt.**

.496 Exemption of certain sales. First \$1,000 per year of sales are exempt.

.540 Taxes are due monthly. Sales tax payments are due monthly.

.550 Required monthly return. Sales tax return form -- Kentucky Department of Revenue.

.570 Reimbursement of seller's collection costs. Get 1.75% of the first \$1,000 of tax due, and then 1.5% above \$1,000, for each return for collection costs.

.580 Delivery of return and remittance of tax. File return & pay Kentucky.

.720 Records required to be kept -- For how long. Keep records for at least 4 years.

.980 Civil penalties. Tax, interest, & penalties.

.990 Criminal penalties. Criminal penalties.

~~~~~  
From: Harry N4HT  
To: John Barnes KS4GL  
CC: James WA9MED, Bill N4DIT, Dave  
(Continued on Page 5)

## ANNOUNCING THE 2018 CENTRAL KENTUCKY ARRL HAMFEST

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

The 2018 Central Kentucky ARRL Hamfest will be held Saturday, August 11. If you have questions or would like to participate in our planning, you may contact Hamfest Chair **David Richardson/W9KHZ** at [daveinlex3@gmail.com](mailto:daveinlex3@gmail.com) or (859) 983-1380; or Club President **Andrew Cook/KF4OWP**, at [kf4owp@gmail.com](mailto:kf4owp@gmail.com) or (859) 396-9930.

**Location** this year will be at the same location as last year, the Jackpot Bingo Hall, in the rear of Eastland Shopping Center, on Winchester Road in Lexington, Kentucky (1230 Eastland Drive, Lexington, Kentucky 40505, 38.045842000, -84.459043000).

**Admission** is \$5.00 per person in advance, or \$6.00 at the gate on the day of the Hamfest. Admission includes one Grand Prize stub and the purchaser is eligible for the hourly door prize drawings. Children 12 years-of-age or younger are admitted free. Extra chances for the Grand Prizes may be purchased for \$1.00 each, or a set of six tickets for \$5.00. Area clubs are encouraged to contact us to reserve a table for your club members to use to display and sell their personal or club equipment items.

There will be no setup Friday evening. Setup will start very early Saturday morning. Make arrangements with Dave/W9KHZ (859-983-1380) to set a time of arrival and if you need assistance setting up. Cost for tables inside the building is admission for each person over 12 years-of-age, plus \$10.00 per table. If you need electricity, you must bring an extension cord.

As per shopping center security and Lexington Metro Police, there will be no outside flea market or tailgating allowed. Arrangements are being made for a special area inside to be reserved for "tailgaters."

**The Prizes.** You need not be present to win one of the major prizes. We will purchase items from our vendors who setup inside on hamfest day, and they always have exceptional items to choose from. Door prizes will be announced hourly over a PA system. You must be present to claim a door prize.

**Forums/Meetings/Special Events.** Fo-

runs will be presented and meetings will be held throughout the day. The following forums and meetings are tentatively scheduled, more may be arranged so inquire at the Club/ARRL table.

ARRL Great Lakes Division Meeting and Discussion -- **Tom Delaney/W8WTD**, Vice Director  
Kentucky ARRL Forum -- **Steve Mor-**

**gan/W4NHO**

Kentucky ARES -- **Bill Hicks/KG4ZXN** (not confirmed as of this writing)

Fayette County ARES -- **Smokey Wallace/KE6IVK** (not confirmed as of this writing)

KY-QRP Group Meeting -- Open discussion led by moderator **Roger**

Map image would not convert  
to .pdf. See

<http://www.bluegrassARS.org>  
for hamfest flyer

### Special Meeting

Early Saturday Morning, August 11

We will be needing help to prepare the Hamfest site (very) early Saturday morning. We will be helping the vendors unload and setup, arrange chairs, tables in the meeting rooms, and other little tasks that need doing in preparation for the hamfest to open at 8:00 AM. We will meet at the site at about 6:00 AM (contact David at [daveinlex3@gmail.com](mailto:daveinlex3@gmail.com) for time/details). Come out to the site Saturday morning and join in. We get a whole lot done in a very short time, and the vendors are very appreciative of our help. . . and we have fun doing it!

**Colvin/KJ4YSY**

(Others to be announced)

**Other Activities:**

Bluegrass Amateur Radio Society "Ernie Farmer Memorial Award" presentation  
FCC License Examinations (ARRL VEC), **Fernie Williams/KE4MAI** (see "License Exams" below)

**QSL Card Checking: Jim Vaughan/K4TXJ** will check your QSL cards during the morning, so bring your logs to Jim's table early.

Meetings may be scheduled for groups such as contest groups, nets, QRP groups, or others (final forums/meetings, times and locations will be announced during the

hamfest)

-- Food by the Bingo Hall Kitchen --

**License Exams.** Amateur radio examinations (ARRL VEC) are scheduled to be conducted Saturday morning. Registration starts at 10:30 AM, testing at 11:00 AM. Preregistration would be appreciated, but not required. To advance register for the exam or for information contact **Fernie Williams/KE4MAI** by e-mail (ferniew@ke4mai.com) or by telephone (859) 652-3303. You will need: a check or money order for \$15.00 marked payable to ARRL VEC; a COPY of your signed Amateur Radio license (if you are currently licensed); the original and copy of any Certificate of

**Andy Rooney** wrote that . . .

*"People will generally accept facts as truth only if the facts agree with what they already believe."*

Successful Completion of Examination for any element you have passed during the past 12 months; photo ID, and social security card.

If you are disabled, it is mandatory that you send a description of your disability and the test elements that you wish to take so that Fernie can prepare to accommodate you. Applicants should check in at the exam area (location will be announced Saturday) at about 10:30 AM on Hamfest day. All written exam elements will be given.

**Parking is Free!** A large parking area is outside the Bingo Hall, just look for the giant water tower. Remember, the police will not allow any tailgating in the parking area. . .this is beyond our control.

**Motels/Restaurants/Attractions.** Motels and restaurants are located along U.S. 60 (Winchester Road), and near all Lexington exits off Interstates 64 and 75. Most motels are minutes from the Hamfest site, just Google "Lexington KY" to view a listing.

**The Kentucky Horse Park** is located at Exit 120 off I-75 (follow signs posted on I-64 and I-75), and has modern, reasonably priced camping facilities. You may want to come into the area early on Saturday and tour the Horse Park.

Hope to see you August 11! ♦

**Sales Tax**

(Continued from Page 3)

W9KHZ, Fernie KD4MAI, Tim KF4MPPM, Bruce KM4EHU, Harry N4HT, Bill WA4LAV, Blaine KM4EFQ

Date: 15 July 2018

John -

"You have done a huge amount of research and are to be thanked and congratulated. Thank you also for including me in your distribution list. I am neither an officer of the club nor do I have a horse in the race, so you may include me or not at your option. I just wanted to be sure the club would be compliant because the taxation is on gross receipts, not net profits, and an event like the hamfest could have a very high percent of net profits lost if sales tax is not collected and remitted correctly and timely.

"Your research certainly describes the process: get registered, collect, file. . .

"I will advise [my accountant via email

**Schedule for Volunteer Examinations in 2018****Harry Sparks/KN4S,\***

Bluegrass Volunteer Examiners,  
kn4s@kn4s.com

The exam schedule for 2018 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<br>1450 Newtown Pike<br>Lexington KY 40509 | Clark County EOC<br>200 Maryland Ave<br>Winchester KY 40391 | Amer Legion Post 46<br>45 Spears Lane<br>Danville KY 40422 | Georgetown Police Dept<br>550 Bourbon Street<br>Georgetown KY 40324 |

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

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

**Contact Information**

**ARRL VEC:** Lexington and BARS ARRL Hamfest test sessions – Liaison **Fernie**

**Williams/KE4MAI**, ke4mai@arrrl.net, 859-652-3393

(www.bluegrassars.org)

Danville – Liaison **John Wulf/K4FT**, johnk4ft@gmail.com, 563-505-

0339, Wilderness Road ARC, http://www.wrarc.com

Georgetown – Liaison **Ron Malinowski/WX4GPS**,

wx4gps@arrrl.net, 502-542-8252

**WCARS VEC:** Lexington – Liaison **Margueritte Williams/KE4MAJ**,

ke4maj@arrrl.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>August 11, 2018</b>     | 11:00 AM | ARRL BARS Hamfest       |
| Saturday, <b>September 8, 2018</b>  | 10:00 AM | ARRL Georgetown         |
| Saturday, <b>September 15, 2018</b> | 12:30 PM | W5YI **Richmond Hamfest |
| Tuesday, <b>September 18, 2018</b>  | 7:00 PM  | WCARS Lexington         |
| Saturday, <b>October 13, 2018</b>   | 10:00 AM | W5YI Winchester         |
| Saturday, <b>October 27, 2018</b>   | 10:00 AM | ARRL Danville           |
| Saturday, <b>November 10, 2018</b>  | 10:00 AM | ARRL Lexington          |
| Saturday, <b>December 8, 2018</b>   | 10:00 AM | ARRL Georgetown         |
| Tuesday, <b>December 11, 2018</b>   | 7:00 PM  | WCARS Lexington         |

\*Additional exam locations, dates, times are listed at website kn4s@kn4s.com



now that he is authorized to charge me for a basic consultation with one or two follow-ups with BARS duly appointed representative. You will find him friendly and knowledgeable, and very easy to talk with. Let me know if there are any problems.

"If time permits I will attend the Board meeting tomorrow night. Keep up the good work. And send more Mark Twain aphorisms."

Very 73,  
Harry N4HT

~~~~~  
From: John Barnes  
To: Fernie, KD4MAI  
Date: 15 July 2018

> Anyway, it appears that the membership dues might be taxable - assuming the receipts are greater than \$1,000?

> Do you see that?

"Andrew Cook asked the Kentucky Department of Revenue this very question, shortly before the July 2nd regular meeting. Personally, I don't trust oral answers given me by a government employee, because they don't give me any protection against another government employee taking a contrary position to try to screw me over. So I ask for copies of the document(s) that a government employee used to give their answer, and study it myself to see if I agree. If I am feeling particularly suspicious, I may ask the government employee to sign and date the copies that they gave me-- which really freaks them out!

"To me, the distinction between admission to our hamfest being taxable, and membership [dues] in the Bluegrass Amateur Radio Society, Inc. (BARS) not being taxable, comes from KRS 139.010(1) at <<http://www.lrc.ky.gov/statutes/statute.aspx?id=47344>>.

"I suspect that the Kentucky Department of Revenue would claim that our hamfest admission is "fees paid for ... the privilege of ... participating in an event" -- and thus not subject to Kentucky sales tax because of the recent amendments by Kentucky (2018) House Bill 487.

"But BARS dues go to fund \*all\* BARS activities and operations, with no specific charges for:

- \* Attending BARS meetings.
- \* Using the BARS hamshack.
- \* Participating in Field Day.
- \* Attending the BARS picnic in September.
- \* Etc.

"Bill DeVore and Bruce Campbell have the sign-up sheets from BARS meetings, so they have much more accurate data on BARS member attendance and participa-

tion than I do. But I have been:

- \* A BARS member for nearly 25 years, attending almost all of our regular meetings and picnics over that time,
- \* The BARS Treasurer for almost 4 years now, also attending almost all of our Board of Directors meetings, and getting BARS dues payments by various means.

"Thus I think that we have:

- \* Many BARS members who participate in as many face-to-face BARS activities as they have time and interest.
- \* Some longtime members who almost never participate in face-to-face BARS activities.
- \* Some nonmembers (or members who have let their memberships lapse) who participate in \*many\* face-to-face BARS activities.

"Therefore I don't think that BARS dues come under the definition of "admissions" in KRS 139.010, and thus are not subject to Kentucky sales tax.

"But this might be a very good question to ask Harry's CPA, before we send our first Kentucky sales tax report to Frankfort."

~~~~~  
From: Andrew Cook KF4OWP  
To: John Barnes KS4GL  
CC: James WA9MED, Bill N4DIT, Dave W9KHZ, Fernie KD4MAI, Tim KF4MPM,

Bruce KM4EHU, Harry N4HT, Bill WA4LAV, Blaine KM4EFQ  
Date: 15 July 2018

"The specific exemption covering our dues is for "fraternal and professional organization dues," also that answer was given through an email, the question was asked using the tax help link on the Kentucky department of revenue's Website, we can ask the cpa if necessary but in reality it shouldn't be that complicated, also if you need any help getting the sales tax and use forms I've done it three times in the last 5 years for businesses, unless we have to go through a different process as a 501c3 it's been a pretty straight forward process."

~~~~~  
From: Andrew Cook KF4OWP  
To: John Barnes KS4GL  
CC: James WA9MED, Bill N4DIT, Dave W9KHZ, Fernie KD4MAI, Tim KF4MPM, Bruce KM4EHU, Harry N4HT, Bill WA4LAV, Blaine KM4EFQ

Here is a screen shot of the tax help link on the Kentucky Department of Revenue's Website (shown below).

~~~~~  
From: John Barnes KS4GL  
To: Andrew KF4OWP, James WA9MED, Bill N4DIT, Dave W9KHZ, Fernie KD4MAI, Tim KF4MPM, Bruce KM4EHU, Harry N4HT, Bill WA4LAV, Blaine KM4EFQ

#### Can DOR provide guidance on the taxability of various categories of admissions, effective July 1, 2018?

Below are examples of taxable and nontaxable admissions charges DOR has recently reviewed:

##### Taxable

1. Sports league fees to participate in games
2. Shelter rentals for picnics
3. Gyms, ball fields, tennis courts, disc golf courses, miniature golf
4. Rental of pool facilities and party rentals
5. Locker rentals at health clubs, gyms, golf courses
6. Slip rental at boat docks - the privilege of using facilities in the context of sporting activities
7. Entry fees for fishing tournaments
8. Entry fees for bridge tournaments or other competitive, amusement activities
9. Gun clubs, shooting ranges
10. Bingo
11. Go-karts, batting cages, zip-lines

##### Nontaxable

1. Team membership fees - payment to join a team will not be considered a taxable admission. This treatment is consistent with memberships to fraternal orders, professional organizations, etc. The new admissions language refers to membership fees in the context of participating in an event or activity not to join an organization.
2. Professional or fraternal order memberships
3. Instructor-led recreational classes or one on one instruction for swimming lessons, fitness classes, personal trainer exercise instruction, riding lessons, golf lessons, etc.
4. Classes to obtain a professional designation, continuing education credits, or certified training programs such as lifeguard certification classes are exempt. School tuition, registration fees, or charges paid to attend instructional seminars, conferences, or educational workshops are not taxable sales of admissions if the primary intent of the program is for education rather than entertainment.
5. Day care or child care facilities and fees
6. Summer resident camps and day camps with educational/instructional components
7. Personal training received for music lessons, dance lessons, art classes - painting, pottery, etc.
8. Driver's license, hunting license, or fishing license fees
9. General facility rentals - conference rooms, ballrooms, temporary storage facilities

Screen shot from the tax help link on the Kentucky Department of Revenue's website,

"My earlier E-mail covered Kentucky's sales tax laws, as recently amended by Kentucky (2018) House Bill 487. Now we will look through the regulations issued by Kentucky's Department of Revenue to see if there are any more gotcha's hiding in the Kentucky Administrative Regulations – Title 103 (Chapters 25-31) at <<http://www.lrc.ky.gov/kar/TITLE103.HTM>>

### Chapter 28 Sales and Use Tax; Miscellaneous Retail Transactions 010 Admissions

"Andrew Cook called the Kentucky Department of Revenue, and they told him that:

- \* Admission tickets to our hamfest will be subject to sales tax.
- \* BARS dues are not subject to sales tax.

"From (2)(a) and (2)(b) it looks like we will need to provide a receipt with each ticket sale. In the past we have charged \$5.00 for each admission ticket in advance, or \$6.00 at the door. Keeping these same overall prices to avoid messing with change at the ticket sales:

- \* Advance ticket \$4.72 + \$0.28 6% Kentucky sales tax = \$5.00.
- \* Ticket at door \$5.66 + \$0.34 6%

Kentucky sales tax = \$6.00.

- \* Raffle ticket \$0.94 + \$0.06 6% Kentucky sales tax = \$1.00.
- \* 6 raffle tickets \$4.72 + \$0.28 6% Kentucky sales tax = \$5.00.

### Chapter 30 Sales and Use Tax; General Exemptions

190. Interstate and foreign commerce. Lots of gobbledegook in Section 2. But I \*think\* that (1) means that if we sell/deliver something to someone in Kentucky, we have to charge them Kentucky sales tax. (2) means that if we sell something to someone outside of Kentucky, and mail/ship it to them (such as eBay sales), we don't charge them Kentucky sales tax.

### Chapter 31 Sales and Use Tax; Administration and Accounting

011 Methods of accounting for and remitting tax

More gobbledegook. I think we want to use cash basis, and just keep track of the money as it comes in and goes out.

### Chapter 31 Sales and Use Tax; Administration and Accounting

020 Records

Keep the records for 4 years.

### Chapter 31 Sales and Use Tax; Administration and Accounting

111 Sales and purchases for resale  
Sales-tax exemption certificates. ♦

## Radio Shack to Open in Hobby Town USA Stores

"The ARRL Letter,"

July 19, 2018

Rick Lindquist, WW1ME, Editor

According to a July 13 article in the *New York Post*, Radio Shack is planning to open "express stores" inside Hobby Town USA locations. The nearly century-old, twice-bankrupt retailer has signed a deal with Hobby Town USA to put a mini Radio Shack outlet in some 50 Hobby Town USA stores across the country that would sell items that might appeal to radio amateurs and experimenters. Those locations will be identified with Radio Shack signage.

The article quoted **Steve Moroneso**, chief executive of General Wireless Operations, Inc., which acquired Radio Shack in 2015 — as saying that Radio Shack's strategy now is not to own brick-and-mortar stores. Radio Shack came out of bankruptcy in January with 400 dealers, an on-line retail presence, and a distribution center. ♦



## It's the Rule

## ARRL Urges FCC to Keep Nonamateur Satellite Experiments Off Amateur Spectrum

"The ARRL Letter,"

July 12, 2018

ARRL wants the FCC to facilitate bona fide Amateur Satellite experimentation by educational institutions under Part 97 Amateur Service rules, while precluding the exploitation of amateur spectrum by commercial, small-satellite users authorized under Part 5 Experimental rules. In comments filed July 9 in an FCC proceeding to streamline licensing procedures for small satellites, ARRL suggested that the FCC adopt a "bright line test" to define and distinguish satellites that should be permitted to operate under Amateur Satellite rules, as opposed to nonamateur satellites that could be authorized under Part 5 Experimental rules.

"Specifically, it is possible to clarify which types of satellite operations are properly considered amateur experiments conducted pursuant to a Part 97 Amateur Radio license, and [those] which should be consid-

ered experimental, nonamateur facilities, properly authorized by a Part 5 authorization."

ARRL said it views as "incorrect and overly strict" the standard the FCC has applied since 2013 to define what constitutes an Amateur Satellite, forcing academic projects that once would have been operated in the Amateur Satellite Service to apply for a Part 5 Experimental authorization instead. This approach was based, ARRL said, on "the false rationale" that a satellite launched by an educational institution must be "nonamateur" because instructors were being compensated and would thus have a "pecuniary interest" in the satellite project. ARRL said well-established Commission jurisprudence contradicts this view.

ARRL told the FCC that justification exists to expand the category of satellite experiments conducted under an Amateur Radio

license, "especially those in which a college, university, or secondary school teacher is a sponsor." But, ARRL continued, a compelling need exists to discourage Part 5 Experimental authorizations for satellites intended to operate in amateur allocations by non-amateur sponsors, "absent compelling showings of need."

"There is no doubt but that Amateur Radio should be protected against exploitation by commercial entities, and there should be a compelling justification for a Part 5 Experimental license issued for a satellite experiment to be conducted in amateur spectrum," ARRL said.

AMSAT-NA also filed comments in the proceeding. The AMSAT remarks reflect several of the same concerns expressed by ARRL. Interested parties may file reply comments in the proceeding, IB Docket No. 18-86, by August 7, 2018.



## Where's the Rare DX?

"OPDX Bulletin 1369"

June 28, 2018

<<http://www.papays.com/opdx1369.html>>

**AMERICAN SAMOA (KH8)** – Ops will sign KH8/W5MJ Aug 15-25 on 160-6m using CW, SSB and RTTY. QSL via MØURX.

**AUSTRAL ISLANDS (TX5)** – A group will sign TX5T from Raivavae Is (OC-114) Aug 13-22 on 160-6meters using CW, SSB, RTTY, and FT8 (DXpedition mode). Suggested frequencies are:

CW: 1822.5, 3528, 7028, 10128, 14028, 18078, 21028, 24898 and 28028

SSB: 1848, 3788, 7088/7188, 14188/14288, 18138, 21288, 24938 and 28488

RTTY: 3588, 7088, 10138, 14088, 18100, 21088, 24920 and 28088 kHz 6m: 50108/CW

QSL via MØURX. <<http://australs2018.com>>

**BAKER ISLAND (KH7Z)** – An interesting article (w/pictures) about the KH1/KH7Z Baker Is DXpedition ua posted at: <<https://www.naia.com.fj/blog/dxpedition-baker-island>>.

**CANADA (VEØ) (NA-047)** – Mike/VE2XB is signing VYØBRR from Iqaluit, Nunavut at least til Christmas 2018 on all modes and all bands except 160m. QSL via VE2XB. <<http://vy0brr.jimdo.com>> <<https://www.qrz.com/lookup/vy0brr>>

**CHINA (BO)** – Ops Lide/BI8CKU and Rui-Li/BI8JDW will sign B0/BI8CKU from Lhasa, Tibet, China, Aug 6-14 on 40 and 20m using FT8 only. QSL via BI8CKU.

**DJIBOUTI (J28)** – F1TMY is signing J28PJ til 2020 on 160-6m. QSL via F1TMY.

**DODECANESE (SV5)** – Claudio/HB9OAU will sign SV5/HB9OAU from Amooopi, Karpathos Is(EU-001), Sep 8-20 on 80-10m using SSB and FT8. QSL via his home CBA, direct, by the Buro, ClubLog, eQSL or LoTW.

**EGYPT (SU)** – Jovica/E78A til the end of 2018 signing SU9JT. QSL via E73Y by the Buro or direct, and Clublog's OQRS.

**JAPAN (8N3EXPO)** – Special event station 8N3EXPO will continue thru Nov 30 to promote the 2025 Intl Expo. QSL ONE WAY ONLY. By Osaka prefecture branch of JARL. <<http://www.expo2025-osaka-japan.jp/en>>

**KIRKONMAA ISLAND (EU-140) (OH3)** – The Radioclub Riihimaen Kolmoset will sign OH3AD/5 til Aug 14 on

## Upcoming Contests

Sean Kutzko/KX9X,

QST, <<http://www.arrl.org/contest-calendar>>.

- Aug 2 NRAU 10-Meter Activity Contest, CW/Digi/Phn, [www.nrau.net](http://www.nrau.net)
- Aug 2 SKCC Sprint Europe, 160-10m, CW, [www.skccgroup.com](http://www.skccgroup.com)
- Aug 4 European HF Championship, 160-10m, CW/Phn, [www.lea.hamradio.si/scc](http://www.lea.hamradio.si/scc)
- Aug 4 WAB 144 MHz Low-Power Phone, 2m, [www.wab.intermip.net](http://www.wab.intermip.net)
- Aug 4-5 10-10 International Summer Contest, 10m, Phn, [www.ten-ten.org](http://www.ten-ten.org)
- Aug 4-5 North American QSO Party, 160-10m, CW, [www.ncjweb.com](http://www.ncjweb.com)
- Aug 4-5 ARRL 222 MHz and Up Distance Contest, CW/Digi/Phn, [www.arrl.org/222-mhz-and-up-distance-contest](http://www.arrl.org/222-mhz-and-up-distance-contest)
- Aug 5 SARL HF Phone Contest, 80-20m, Phn, [www.sarl.org.za](http://www.sarl.org.za)
- Aug 7 ARS Spartan Sprint, 80-10m, CW, [www.arsqrq.blogspot.com](http://www.arsqrq.blogspot.com)
- Aug 11-12 WAE DX Contest, 80-10m, CW, [www.darc.de](http://www.darc.de)
- Aug 11-12 SKCC Weekend Sprintathon, 160-6m, CW, [www.skccgroup.com](http://www.skccgroup.com)
- Aug 11-12 Maryland-DC QSO Party, 160m-70cm, CW/Digi/Phn, [www.w3vpr.org](http://www.w3vpr.org)
- Aug 11-13 MMonVHF/DUBUS 144 MHz Meteorscatter Sprint, CW/Digi/Phn, [www.mmonvhf.de/ctestinfo.php](http://www.mmonvhf.de/ctestinfo.php)
- Aug 13 4 States QRP Group Second Sunday Sprint, 160-10m, CW/Phn, [www.4sqrq.com](http://www.4sqrq.com)
- Aug 15 NAQCC CW Sprint, 80-20m, CW, [www.naqcc.info](http://www.naqcc.info)
- Aug 18 Feld Hell Sprint, 160-6m, Digi, [www.sites.google.com/site/feldhellclub](http://www.sites.google.com/site/feldhellclub)
- Aug 18-19 SARTG WW RTTY Contest, 80-10m, Digi, [www.sartg.com](http://www.sartg.com)
- Aug 18-19 ARRL 10 GHz and Up Contest, CW/Digi/Phn, [www.arrl.org/10-ghz-up](http://www.arrl.org/10-ghz-up)
- Aug 18-19 Russian District Award Contest, 160-10m, CW/Phn, [www.rdaward.org/rdac1.htm](http://www.rdaward.org/rdac1.htm)
- Aug 18-19 Keyman's Club of Japan Contest, 160-6m, CW, [www.kcj-cw.com](http://www.kcj-cw.com)
- Aug 18-19 North American QSO Party, 160-10m, Phn, [www.ncjweb.com](http://www.ncjweb.com)
- Aug 18-19 CVA DX Contest, 80-10m, CW, [www.cvadx.org](http://www.cvadx.org)
- Aug 19 SARL HF Digital Contest, 80-20m, [www.sarl.org.za](http://www.sarl.org.za)
- Aug 19 ARRL Rookie Roundup, RTTY, 80-6m, Digi, [www.arrl.org/rookie-roundup](http://www.arrl.org/rookie-roundup)
- Aug 20 Run for the Bacon QRP Contest, 160-10m, CW, [www.qrpcontest.com/pigrun](http://www.qrpcontest.com/pigrun)
- Aug 22 SKCC Sprint, 160-10m, CW, [www.skccgroup.com](http://www.skccgroup.com)
- Aug 25-26 Hawaii QSO Party, 160-10m, CW/Digi/Phn, [www.hawaiiqsoparty.org](http://www.hawaiiqsoparty.org)
- Aug 25-26 ALARA Contest, 80-2m, CW/Phn, [www.alara.org.au/contests](http://www.alara.org.au/contests)
- Aug 25-26 W/VE Islands QSO Party, 160-6m, CW/Digi/Phn, [www.usislands.org](http://www.usislands.org)
- Aug 25-26 SCC RTTY Championship, 80-10m, Digi, [www.lea.hamradio.si/scc](http://www.lea.hamradio.si/scc)
- Aug 25-26 YO DX HF Contest, 80-10m, CW/Phn, [www.yodx.ro/en/english](http://www.yodx.ro/en/english)
- Aug 25-26 Kansas QSO Party, 80-6m, CW/Digi/Phn, [www.ksqsoparty.org](http://www.ksqsoparty.org)
- Aug 25-26 Ohio QSO Party, 80-10m, CW/Phn, [www.ohqp.org](http://www.ohqp.org)
- Aug 25-26 CVA DX Contest, 80-10m, Phn, [www.cvadx.org](http://www.cvadx.org)
- Aug 25-26 50 MHz Fall Sprint, CW/Digi/Phn, [www.svhfs.org](http://www.svhfs.org)
- Aug 26 SARL HF CW Contest, 80-20m, CW, [www.sarl.org.za](http://www.sarl.org.za) ♦

80-6m using CW, SSB, RTTY, PSK and FT8. (Also RSGB IOTA Contest Jul 28-29 signing OH3D/5). QSL both calls, by the Buro, ClubLog, LoTW, or eQSL. <<http://www.oh3ad.fi>>

**OSPOTA CONTEST 2018** – The 11th annual Ohio State Parks On The Air (OSPOTA) Contest will be held 1400-2200Z, Sepr 8. Details, rules, and entry form at <<http://www.ospota.org>>.

**MACQUARIE ISLAND (VKØ/M) (AN-006)** – Norbert/VK5MQ is signing VKØAI from Macquarie Is (AN-005) for one year. QSNs show that he was on 30/20m running FT8 0440-0630z. QSL via VK5MQ.

**MALDIVES (8Q)** – Christian/OE3DEC will sign 8Q7EC from Biyadhoo Is, South

Male Atoll (AS-013) Sep 14-23 on various HF bands. QSL via his home CBA by the Buro.

**MALDIVES (8Q)** – Gabor/HA3JB will sign 8Q7IP from Hulhumale Island (AS-013) September 19-30 on 80-10m using CW, SSB, RTTY and FT8, also in the CQWW DX RTTY Contest (Sep 29-30). QSL via HA3JB. <<http://ha3jb.com/index.html>>

**RWANDA (9X)** – Alan/KE4TA will sign 9XØTA for 2-1/2 years on 20/17m SSB, Digi and some CW. QSL direct or to N4GMR. and also LoTW. <<http://www.rwandadx.com>>

**SOUTH COOK ISLANDS (E5)** – Dave/G4BUO will sign E51BUO from

Rarotonga Is (OC-013) til Aug 6, CW only using 100 Watts into wire antennas. QSL via his home CBA.

**SRI LANKA (4S)** – Takayuki/JI1SHQ is signing 4S7TNG for several years on 30 and 20m using CW. QSL via JI1SHQ by the Buro.

**TONGA (A3)** – Roly/ZL1BQD will sign A35RR from Togatapu (OC-049) [may spend two days on Vava'u (OC-063) Aug 8-17 on 160-10m using mostly FT8 and

JT65. QSL via ZL1BQD.

**TONGA (A3)** – Dr. Hardy/DL7JLL will return to the Pacific to activate several islands from Tonga during Aug and Sep signing A35JLL on 40/20/15/10m. His schedule is:

Aug 8-15th -- Nuku Alofa (OC-049)  
Aug 15-30th -- Vava'u (OC-064);  
Vaka'eitu Is, Taunga Is, Euakafa Is,  
Tapanu Is, Ofu Island/Kenutu Is,  
Umuna Is and Mala Is.

Aug 30-Sep 14 -- Ha'apai (OC-069);  
Uoleva is, Tatafa Is/Uiha Is,  
Uanukuhahaki Is, Lifuka Is and Salote  
Pilolevu.

Sep 14-19 -- Nuku Alofa (OC-123). QSL  
all QSOs via DL7JLL direct or by the  
Buro.

**VIETNAM (3W)** – Megumu/  
JA6QGF is signing 3W9A from Ho  
Chi Minh City on 17 and 6m SSB.  
QSL via JA6CBA. ♦

## 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, plus meetings, etc., 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. Go to <<http://www.lexkywcars.org>> for information.

**Winchester (W5YI VEC)** – They are located in the Clark County EOC, 200 Maryland Avenue, Winchester, Kentucky. Their 2017 schedule (10:00 AM): Saturday, January, 9, Saturday, April 9, Saturday, July 9, and Saturday, October 8. Contact Liaison **Darrell Epperson/AC4YD**, 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**, johnk4ft@gmail.com, 563-505-0339, Wilderness Road Amateur Radio Club, American Legion Post 46, 45 Spears Lane, Danville, KY 40422 – Repeater 145.310 (100 pl).

**Georgetown (ARRL VEC)** – Liaison **Ron Malinowski/WX4GPS**, 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.

**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 (38°3'34" N 84°43'11" W). 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).

**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** – 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.

**Greater Mason County ARA** meeting, 7:00 PM, second Tuesday each month, Maysville Community College Science Building.

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

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

**The Jessamine County ARES Net** – Tuesdays at 7:30 PM, 145.490 Repeater, **Gary Britten W4GNB** net control.

**The Madison County ARES Net**, 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.

**The Southeast Kentucky ARC** – meet at the Laurel County EOC, 168 Substation St, London. Meetings on odd number months (Jan, Mar, etc.) are on the Second Tuesday at 6:00 PM; meetings on even number months (Feb, Apr, etc.) are the Second Saturday at 11:00 AM. Talk-in on 147.180 (PL-74.4) for directions for other information. District 11 Skywarn Net meets Sundays at 8:00 PM on 146.925 (-PL-79.7) and is linked to 147.180 (PL-74.4) and other repeaters in and close to the area. District 11 ARES Net meets Mondays at 9:00 PM on 146.925 (PL-79.7) and is linked to 147.180 (PL-74.4) and other repeaters in and close to the area.

Please send any changes or corrections to these notices to my attention, **Bill DeVore/N4DIT**, in care of Bluegrass ARS, Inc., PO Box 4411, Lexington, KY 40544-4411, or e-mail to billdit@twc.com.

## Bluegrass Amateur Radio Society, Inc. (BARS) Board of Directors' Meeting Minutes of June 18, 2018

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

The June, 2018, Directors' Meeting was called to order at 7:40pm by First Vice President **Bill Fuqua, WA4LAV**.

In attendance were: Second Vice President – **James Schlessner, WA9MED**; Treasurer – **John Barnes, KS4GL**; Secretary – **Bruce Campbell, KM4EHU**; Director-at-Large – **David Richardson, W9KHZ**. MARS Representatives **Barry Jackson, WB4N**, and **Harvey Frye, AA4HF** were also present.

Treasurer **John Barnes, KS4GL**, reported that no new applications for membership have been received.

Treasurer **John Barnes, KS4GL**, submitted the summary treasurer's report of amounts available in deposits as of May 31, 2018 (see John's report as published and approved in the July issue of **QUA/HAMnews**). **David Richardson, W9KHZ**, moved, and **James Schlessner, WA9MED**, seconded that the treasurer's report be accepted, which was approved unanimously.

Secretary **Bruce Campbell, KM4EHU**, reported that copies of the current Bylaws was e-mailed to new members: **Michael Saulsbury, WB0-JZO**, and **Joe Raber** (no license).

### Committee Reports

**Contest: Pete Kragh, K2UPD. David Richardson, W9KHZ**, reported that Field Day setup will begin at 9:00am at Shelter#2 at Veterans Park.

**Education: Bill Fuqua, WA4LAV.**

- 1) Summer participation in the workshops is slow.
- 2) **Pete Kragh, K2UPD**, and **Bill Weaver, WE5P**, are conducting Morse code class at the Red Cross on Tuesday evenings at 7:00pm.

**Emergency Preparedness:** The committee's chairman position is currently vacant, and volunteers for the committee will be considered. This committee is the club's liaison with the Red Cross.

**Hamfest: David Richardson, W9KHZ.**

- 1) Volunteers will be needed for various administrative functions during the hamfest.
- 2) A third commercial vendor has reserved tables.

**Newsletter: Bill DeVore, N4DIT.** A Newsletter chairman/editor will be needed beginning in 2019.

### Treasurer's Report

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

#### BLUEGRASS AMATEUR RADIO SOCIETY, INC. INCOME, EXPENSES, AND ACCOUNT BALANCES June 30, 2018

|                | Checking Account | Pay Pal Account | Savings Account | Total         |
|----------------|------------------|-----------------|-----------------|---------------|
| <b>Income:</b> |                  |                 |                 |               |
| ARRL Dues      | 0.00             | 0.00            | 0.00            | 0.00          |
| BARS Dues      | 55.00            | 0.00            | 0.00            | 55.00         |
| 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        | 80.00            | 0.00            | 0.00            | 80.00         |
| Interest       | 1.96             | 0.00            | 0.04            | 2.00          |
| Miscellaneous  | 0.00             | 0.00            | 0.00            | 0.00          |
| <b>Total</b>   | <b>136.96</b>    | <b>0.00</b>     | <b>0.04</b>     | <b>137.00</b> |

|                  |               |  |  |               |
|------------------|---------------|--|--|---------------|
| <b>Expenses:</b> |               |  |  |               |
| ARRL Dues        | 0.00          |  |  | 0.00          |
| Coax/Repeaters   | 0.00          |  |  | 0.00          |
| Donations        | 146.00        |  |  | 146.00        |
| 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>146.00</b> |  |  | <b>146.00</b> |

#### Account Balances

|                      | May 31, 2018      | June 30, 2018     |
|----------------------|-------------------|-------------------|
| Checking*            | \$11507.56        | \$11498.52        |
| Pay Pal Balance      | \$ 3010.33        | \$ 3010.33        |
| Savings Balance      | \$ 200.61         | \$ 200.65         |
| <b>Total Balance</b> | <b>\$14718.50</b> | <b>\$14709.50</b> |

#### \*Fund Specific Balances (Checking)

|               |                   |                   |
|---------------|-------------------|-------------------|
| General       | \$ 8422.63        | \$ 8424.59        |
| Coax/Repeater | \$ 1164.64        | \$ 1164.64        |
| Education     | \$ 1909.29        | \$ 1909.29        |
| <b>Total</b>  | <b>\$11507.56</b> | <b>\$11498.52</b> |

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



**Program: James Schlessner, WA9MED.**

- 1) The July program will be announced.
- 2) The October program is tentatively "Solar Eclipse Propagation."
- 3) Suggestions for future program topics are welcome, and member's activities are always good subjects.

**Public Relations and Membership: Bart Breeding, KB4FEE.** Letters have been sent to radio and news organizations announcing the BARS Field Day activity.

**Repeater: Andrew Cook, KF4OWP.** Bill Fuqua, WA4LAV, is working on a new repeater configuration to alleviate the chronic interference problem.

**Shack: David Richardson, W9KHZ.** HF Liaison: David Richardson, W9KHZ. A fourth(4th) high frequency antenna has been installed.

VHF Liaison: Tim Kunkel, KF4MPM. (no report).

**Volunteer Examinations: (Ferne Williams, KE4MAI).** A license test session is scheduled for Tuesday evening, June 19th at 7:00pm at the Red Cross Building.

**Historian: Bill DeVore, N4DIT.** (no report).

**KYQRP (ad hoc) – (Roger Colvin KJ4YSY moderator).** (no report).

**Library: John Barnes, KS4GL.** Copies of Electric Radio magazine have been

donated to the club.

**MARS: Harvey Frye, AA4HF, and Barry Jackson, WB4N.**

- 1) A new location for MARS stations in Frankfort and Danville are being [discussed].

**Trustee: Andrew Cook, KF4OWP.** (no report).

**Bylaws: Andrew Cook, KF4OWP.** Bruce Campbell, KM4EHU, is recording the proceedings of the Bylaws committee, which is meeting at 6:00pm before the general club meeting and the Directors' meeting. The current Bylaws are being reviewed article-by-article, and are revised likewise. The revisions as they are made are being submitted to the Directors for review for ultimate approval and to be presented to the club for general acceptance by vote. The Bylaws committee meeting is open to any interested BARS member.

### Old Business

New locks have not yet been installed on the shack or shop room doors.

### New Business

- 1) Secretary Bruce Campbell, KM4EHU, was given permission by the Board to contact commercial vendors to inquire about special retail pricing schedules for amateur radio clubs such as BARS.
- 2) The annual picnic and abbreviated gen-

eral meeting is scheduled for Monday, September 10th at Shillito Park.

### Upcoming BARS Schedule

- July 2nd, 6:00pm. Bylaws Committee Meeting.
- July 2nd, 7:00pm. KY-QRP Meeting.
- July 2nd, 7:30pm. BARS General Meeting. Program: (to be announced).
- July 23rd, 6:00pm. Bylaws Committee Meeting.
- July 23rd, 7:30pm. BARS Directors' Meeting.
- August 6th, 6:00pm. Bylaws Committee Meeting.
- August 6th, 7:00pm. KY-QRP Meeting.
- August 6th, 7:30pm. BARS General Meeting. Program: Hamfest.
- August 20th, 6:00pm. Bylaws Committee Meeting.
- August 20th, 7:30pm. BARS Directors' Meeting.
- September 10th, 6:00pm Annual Picnic at Shillito Park.
- September 17th, 6:00pm. Bylaws Committee Meeting.
- September 17th, 7:30pm. BARS Directors' Meeting.

With no other business at 8:56pm, David Richardson, W9KHZ, moved, and James Schlessner, WA9MED, seconded, that the meeting be adjourned, which was approved unanimously. ♦

## Minutes of the General Meeting of the Bluegrass Amateur Radio Society, Inc., July 2, 2018\*

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

The July BARS General Meeting was called to order at 7:34pm by President **Andrew Cook, KF4OWP.** Self-introductions were made by eighteen(18) member licensed amateur radio operators, which consisted a quorum, plus four(4) licensed and one(1) non-licensed visitor. Three newly licensed ham operators; **Shawn Young, KN4NOM, Wisam Owais, KN4NIN, and John Phillips, KN4NIP,** were recognized and welcomed to the amateur radio community.

### Club and Members' News

No members' activities were reported for this month.

**Treasurer's Report – John Barnes, KS4GL.** One membership application had been received for **Shawn Young, KN4NOM,** which will be reviewed by the Board of Directors at their next meeting on July 16th, and presented to the club during the next scheduled general meeting on August 6th.

John then read his summary treasurer's report of amounts available in deposits as

\*Editor's Note: Use of BARS herein refers to Bluegrass Amateur Radio Society, Inc., and no other organization.

of June 30, 2018; his report is displayed on Page 10 of this newsletter. **Martin Weaver, KM4HPK,** moved and **Bart Breeding, KB4FEE,** seconded to accept the treasurer's report, which was approved unanimously.

### Committee Announcements

**Contest – Pete Kragh, K2UPD: David Richardson, W9KHZ** reported the Field Day results. BARS operated on CW, phone and data with ten(10) stations, in class 8A, and accumulated 3,198 points. **Adam Burniston, KG5MVK,** from WKYT-TV, reported from the Field Day location at Veterans Park on Sunday which was later televised on the evening and late-night news

programs.

**Education - Bill Fuqua, WA4LAV:** Two students have been attending his Radio Theory and Construction Workshop on Saturdays.

**Emergency Preparedness –** (open chair position needs volunteer).

**Hamfest – David Richardson, W9KHZ:** The Hamfest is on schedule for Saturday, August 11th, at the Eastland Shopping Center Bingo Hall. Approximately 100 tables have been reserved by attendees. Help is needed for setup on Friday night August 10th at 11:30pm in preparation for vendor setups at 7:00am Saturday morning.

**Newsletter – Bill DeVore, N4DIT:**

- 1) Articles for the Newsletter can be e-

mailed to the editor (billdit@twc.com).  
 2) A new newsletter chairman and editor will be needed beginning in 2019. It would be desirable if a new chair person would assume the duties as soon as possible for a smooth transition of responsibilities and to form a committee to share the various tasks.

**Program – James Schlessler, WA9MED:** Suggestions for program topics of interest at the general meetings are always welcome.

**Public Relations and Membership – Bart Breeding, KB4FEE:**

1) Bart was interviewed by **Adam Burniston, KG5MVK**, from WKYT-TV on Sunday during Field Day and explained BARS operations during the event.

2) A sample of T-shirts with BARS logo will be available at future meetings

**Repeater – Andrew Cook, KF4OWP:** Nothing to report.

**Shack – David Richardson, W9KHZ:**

1) The shack is undergoing some rearrangements to make better use of space for the operating positions.

2) A video monitor has been installed in the shop.

**Volunteer Examinations – Fernie Williams, KE4MAI:** (no report).

**Historian – Bill DeVore, N4DIT:** Nothing to announce.

**Librarian – John Barnes, KS4GL:** Newly donated books and magazines have been filed and stored.

**MARS – Harvey Fry, AA4HF, and Barry Jackson, WB4N:** (no report).

**Trustee: Shack – Andrew Cook, KF4OWP,** Nothing to announce. **VHF**

**Repeater – Andrew Cook, KF4OWP:** Nothing to announce.

**Bylaws – Andrew Cook, KF4OWP:**

The Bylaws committee is meeting each month at 6:00pm before the General Meetings and the Directors' Meetings to revise the current Bylaws. The committee meeting is open to all BARS members for input and discussion.

#### Old Business

None presented.

#### New Business.

1) **Terry Layman, N6OKR**, plans to provide a trivia question at the August general meeting on Ross Hull from the November, 1938, issue of **QST** magazine.

2) The Museum of Radio Technology in Huntington, WV., will be holding a swap-meet on July 21st.

3) **Harry Dence, N4HT**, suggested that BARS consider the use of a professional accountant concerning the new tax laws now in effect for future financial transactions and fund raising activities. This topic will be discussed at the next Board of Directors' meeting.

4) Nominations for this years' Ernie Farmer Memorial Award are due the July Directors' Meeting. **Martin Weaver, KM4HPK**, will chair and **James Schlessler, WA9MED**, and **John Barnes, KS4GL**, will sit on the Ernie Farmer Memorial Award selection committee.

#### Program

After the general meeting was adjourned, **Bill Fuqua, WA4LAV**, presented a program on resonance in the BARS classroom.

**BARS and other scheduled meetings and activities in August and September are:**

**JAWS Tailgate Swap Meet:** June 16th , 10:00am in Nicholasville.

**Bylaws Committee Meeting:** Monday, June 18th, 6:00pm.

**Directors' Meeting:** Monday, June 18th, 7:30pm.

**Summer Field Day:** Saturday – Sunday, June 23rd – 24th, at Veterans Park.

**Bylaws Committee Meeting:** Monday, July 2nd, 6:00pm.

**KY-QRP Meeting:** Monday, July 2nd, 7:00pm.

**General Meeting:** Monday, July 2nd, at 7:30pm,

**Program:** (to be announced).

**Bylaws Committee Meeting:** Monday, July 16th, 6:00pm.

**Directors' Meeting:** Monday, July 16th, 7:30pm.

**Bylaws Committee Meeting:** Monday, August 6th, 6:00pm.

**KY-QRP Meeting:** Monday, August 6th, 7:00pm.

**General Meeting:** Monday, August 6th, 7:30pm, Program: Hamfest.

**Hamfest:** Saturday, August 11th, 8:00am, at Eastland Shopping Center bingo hall.

**Picnic and Short General Meeting:** Monday, September 10th, 6:00pm, at Shillito Park.

**Richmond Hamfest:** Saturday, September 15th, 8:00am, at Madison County Fairgrounds.

**Bylaws Committee Meeting:** Monday, September 17th, 6:00pm.

**Directors' Meeting:** Monday, September 17th, 7:30pm.

With no other business at 8:25pm, **J.B. Young, WA4WWH**, moved, and **Bill Weaver, WE5P**, seconded, that the meeting be adjourned, which was approved unanimously ♦

## Looking Back. . . From “QUA/HAMnews,” August 1997, page 1

### \* \* \* \* \* CENTRAL KENTUCKY ARRL HAMFEST \* \* \* \* \*

Countdown to the Hamfest, only a couple more weeks. As a reminder, we will be needing people to sell tickets at the gate, people to help control parking and traffic in the flea market area, people to present forums (call me right away if you have a forum you would like to present (Bill at (606) 273-8345 evenings), ARRL accredited VE's to help with the license exams, volunteers to talk-in, and volunteers to man the ARRL and Club tables during the day. Be sure to spread the word, especially the date, time and location: Sunday, August 10, 8:00 a.m. until about 3:00 p.m., Western Hills High School, Frankfort, Kentucky. Vendors as of this date are R&L Electronics, Tower Electronics, TAW, Wayne D. Russell, Lanz Company, and Transel. There will be many more.

#### HAMFEST VE TEST SESSION REMINDER

We do not take walk-ins for this test session. If you are planning to upgrade your license at the ARRL Central Kentucky Hamfest August 10, your Form 610, check to ARRL/VEC for \$6.25, copy of your present license (there is no copier at the Hamfest site, you must bring your copies with you), copy of any Form 610 pending action by the FCC, and copy of any CSC (certificate of successful completion) from a previous test session, must be received by Bill Fuqua/WA4LAV by August 1. Send it to Bill Fuqua/WA4LAV, 3395 Greentree Road, Lexington, Kentucky 40517, or call Bill at (606) 272-9523

We'll be looking forward to seeing you all at the hamfest!

# 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.

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 ..... Pete Kragh/K2UPD (859) 223-9389 (k2upd@aol.com)  
Education ..... Bill Fuqua/WA4LAV (859) 272-9523 (wifuqu00@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@jsschlessler.com)  
Public Relations and Membership .. Bart Breeding/KB4FEE (859) 644-2216 (aratat291@twc.com)  
Repeater ..... Andrew Cook/KF4OWP (859) 396-9930 (kf4owp@gmail.com)  
Shack ..... David Richardson/W9KHZ (859) 983-1380 (daveinlex3@gmail.com)  
Volunteer Examinations ..... Fernie Williams/KE4MAI (859) 652-3393 (ke4mai@arrl.net)

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

Historian ..... Bill DeVore/N4DIT (859) 273-8345 (billdit@twc.com)  
KY-QRP Group ..... Roger Colvin/KJ4YSY (859) 494-6268 (KJ4YSY@GMAIL.COM)  
Library ..... John Barnes/KS4GL (859) 253-1178 (jrbarnes@iglou.com)  
Shack/Repeater Trustee ..... Andrew Cook/KF4OWP (kf4owp@gmail.com)  
HF Liaison to Shack Committee ... David Richardson/W9KHZ  
VHF Liaison to Shack Committee ... Tim Kunkle/KF4MPM

## President:

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320 Given Avenue  
Lexington, Kentucky 40502  
859/396-9930  
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## Second Vice-President:

James Schlessler/WA9MED  
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## Treasurer:

John Barnes/KS4GL  
216 Hillsboro Avenue  
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859/253-1178  
jrbarnes@iglou.com

## First Vice-President:

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Lexington, Kentucky 40517  
859/272-9523  
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## Secretary:

Bruce Campbell/KM4EHU  
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Winchester, Kentucky 40391  
859/744-7608  
bruce\_campbell@mymail.uky.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 August 2018



- Wed 1 **Six Shooters Net**, 8:00 PM on 52.525 MHz FM (vertically polarized); **Fayette County ARES Net, 9:00 PM, 146.760 repeater.**
- Thu 2 **Meeting of Bluegrass ARS Technical Group**, 6:30 PM, Education Ctr, basement, Red Cross Building, 1450 Newtown Pike, Lexington; **Jessamine Cty ARES Net**, 7:30 PM, 145.490 Repeater, Gary Britten W4GNB net control.
- Sat 4 **Shack open 9:00-Noon; Radio Theory and Construction Workshop**, 1:00-3:00 PM, basement, Red Cross Bldg, 1450 Newtown Pike;
- Sun 5 **Amateur Television & Specialized Communications Net**, 9:00 PM (146.760 Repeater); **District 11 Skywarn Net**, 8:00 PM, 146.925 (PL-79.7 Hz) linked to 147.180 (PL-74.4 Hz).
- Mon 6 KY-QRP meeting (open discussion)**, 7:00 PM, Meeting Room “B,” Red Cross Bldg, 1450 Newtown Pike, Lexington.
- Mon 6 Bluegrass ARS Club meeting**, 7:30 PM, Meeting Room “B,” Red Cross Bldg, 1450 Newtown Pike; **District 11 ARES Net** 9:00 PM 146.925 (PL-79.7) linked to 147.180 (PL-74.4) and other repeaters in the area.
- Tue 7 **Amateur Swap Net**, 145.370 (T-192.8) 8:00 PM; **“Casual Communicators Net,”** 9:00 PM Eastern, 443.325+ MHz.
- Wed 8 **Six Shooters Net**, 8:00 PM on 52.525 MHz FM (vertically polarized); **Fayette County ARES Net, 9:00 PM, 146.760 repeater.**
- Thu 9 **Meeting of Bluegrass ARS Technical Group**, 6:30 PM, Education Ctr, basement, Red Cross Building, 1450 Newtown Pike, Lexington; **Jessamine Cty ARES Net**, 7:30 PM, 145.490 Repeater, Gary Britten W4GNB net control.
- Sat 11 Central Kentucky ARRL Hamfest**, Jackpot Bingo, Eastland Shopping Center, Winchester Road, Lexington, 8:00AM-2:00 PM.
- Sat 11 **Shack open 9:00-Noon; Radio Theory and Construction Workshop**, 1:00-3:00 PM, basement, Red Cross Bldg, 1450 Newtown Pike; License Exam Session, Lexington during Central Kentucky ARRL Hamfest, 11:00 AM, ARRL VEC Liaison **Fernie Williams KE4MAI**, (859) 652-3393 (ke4mai@arrl.net)
- Sun 12 **Amateur Television & Specialized Communications Net**, 9:00 PM (146.760 Repeater); **District 11 Skywarn Net**, 8:00 PM, 146.925 (PL-79.7 Hz) linked to 147.180 (PL-74.4 Hz).
- Mon 13 **Jessamine Amateur Wireless Society meeting**, 7:00 PM, St. Joseph/R.J. Corman Ambulatory Care Center, 1250 Keene Road, Nicholasville; **District 11 ARES Net** 9:00 PM 146.925 (PL-79.7) linked to 147.180 (PL-74.4).
- Tue 14 **Amateur Swap Net** 145.370 (T-192.8) 8:00 PM; **“Casual Communicators Net,”** 9:00 PM Eastern, 443.325+ MHz;
- Wed 15 **Six Shooters Net**, 8:00 PM on 52.525 MHz FM (vertically polarized); **Fayette County ARES Net, 9:00 PM, 146.760 repeater.**
- Thu 16 **Meeting of Bluegrass ARS Technical Group**, 6:30 PM, Education Ctr, basement, Red Cross Building, 1450 Newtown Pike, Lexington; **Jessamine Cty ARES Net**, 7:30 PM, 145.490 Repeater, Gary Britten W4GNB net control.
- Sat 18 **Shack open 9:00-Noon; Radio Theory and Construction Workshop**, 1:00-3:00 PM, basement, Red Cross Bldg, 1450 Newtown Pike.
- Sun 19 **Amateur Television & Specialized Communications Net**, 9:00 PM (146.760 Repeater); **District 11 Skywarn Net**, 8:00 PM, 146.925 (PL-79.7 Hz) linked to 147.180 (PL-74.4 Hz)\
- Mon 20 Bluegrass ARS Board of Directors’ Meeting**, 7:30 PM, Education Center in basement of Red Cross Building; **District 11 ARES Net** 9:00 PM 146.925 (PL-79.7) linked to 147.180 (PL-74.4) and other repeaters in the area.
- Tue 21 **Amateur Swap Net** 145.370 (T-192.8) 8:00 PM; **“Casual Communicators Net,”** 9:00 PM Eastern, 443.325+ MHz;
- Wed 22 **Six Shooters Net**, 8:00 PM on 52.525 MHz FM (vertically polarized); **Fayette County ARES Net, 9:00 PM, 146.760 repeater.**
- Thu 23 **Meeting of Bluegrass ARS Technical Group**, 6:30 PM, Education Ctr, basement, Red Cross Building, 1450 Newtown Pike, Lexington; **Jessamine Cty ARES Net**, 7:30 PM, 145.490 Repeater, Gary Britten W4GNB net control.
- Sat 25 **Shack open 9:00-Noon; Radio Theory and Construction Workshop**, 1:00-3:00 PM, basement, Red Cross Bldg, 1450 Newtown Pike;
- Sun 26 **Am TV & Specialized Communications Net**, 9:00 PM (146.760 Repeater); **District 11 Skywarn Net**, 8:00 PM, 146.925 (PL-79.7 Hz) linked to 147.180 (PL-74.4 Hz)\
- Mon 27 **District 11 ARES Net** 9:00 PM 146.925 (PL-79.7) linked to 147.180 (PL-74.4) and other repeaters in the area.
- Tue 28 **Amateur Swap Net** 145.370 (T-192.8) 8:00 PM; **“Casual Communicators Net,”** 9:00 PM Eastern, 443.325+ MHz;
- Wed 29 **Six Shooters Net**, 8:00 PM on 52.525 MHz FM (vertically polarized); **Fayette County ARES Net, 9:00 PM, 146.760 repeater.**
- Thu 30 **Meeting of Bluegrass ARS Technical Group**, 6:30 PM, Education Ctr, basement, Red Cross Building, 1450 Newtown Pike, Lexington; **Jessamine Cty ARES Net**, 7:30 PM, 145.490 Repeater, Gary Britten W4GNB net control.