



God Bless America!

QUA / HAMnews

December
2017

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Club Station K4KJQ

MARS Station AAV4CAB



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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>>.

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; in Subject line type Subscribe plus <your call sign>

Post notes to the Club List Serv: <bars@lsv.uky.edu>.

--- THE PROGRAM FOR THE DECEMBER MEETING . . .

. will be hosted by **J.B. Young/WA4WWH**, as he serves as auctioneer for the Club's annual auction. . . See below

--- COMMUNICATIONS SUPPORT REQUESTED ---

I posted this in the "KYARES Discussion group" on Facebook and did not kick up too much interest, so I wanted to reach out to you directly: I was approached by

Kirsten Rowland of the Kentucky office of The American Diabetes Association. Their run and walk, based at Keeneland, is expanding to 12/30/63-mile bike options. They are looking for communication help to support the logistics of doing that. It is May 19 (yep, Dayton weekend). I promised nothing other than that I'd attempt to find a good contact for her to work with.

Should I reach out to Fayette Co. EC? DEC? Or is there a

person/group tasked with this type of work? Thanks for your thoughts. -73- de N8TFD/Steve, DEC, Ohio District 4, (513) 985-9844 "home", (513) 552-5388 "work", (859) 393-6563 cell.

--- A VISIT WITH TED WB4ELR ---

A lot of you have been wondering about **Ted Mullins, WB4ELR**, and asking about him at meetings. I visited Ted in his shack this afternoon. Ted is receiving in-home hospice care. He has a 2m HT that he sometimes uses and if he is monitoring he may respond to a call on the 146.760 repeater. He has checked into the Sunday night net on occasion. Presently, 2m FM is the only operating he is doing. It was great getting caught up with an old friend and neighbor after a number of years. **Chris KU4A**



"Of the four wars in my lifetime, none came about because the U.S. was too strong."

~ **Ronald Reagan**

QUA/HAMnews

December 2017

Meeting Notice

Bill DeVore/N4DIT,
Chair, Newsletter Committee
Bluegrass ARS, Lexington, Kentucky

The regular meeting of the Bluegrass Amateur Radio Society, Inc., will be held Monday, December 4, 2017, 7:30 PM, Meeting Room B, second floor of the Red Cross Building, 1450 Newtown Pike, Lexington.

The program will be the Club's annual auction in which you bring items you no longer use or need and Auctioneer **J.B. Young/WA4WWH** will try to get a good price for your item. The auctions we have held in the past have always been a lot of fun and many folks go home with some extra cash, or an item they have been wanting to buy but couldn't find a good price on, until now.

Also during the meeting the nominating committee will count the ballots for officers for 2018 and will announce the results of their count before the end of the meeting. As I mentioned in last month's newsletter, we need new faces, new ideas, and new leadership and our slate for 2018 is composed of a couple new folks who will help provide those qualities.

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 meeting, someone present will probably have an answer for you.

If you have a program you would like to hear or a topic you would like to present, contact **James Schlessler/**

WA9MED, during a Club meeting, or contact him at (757) 478-2186, or e-mail to <wa9med@jschlessner.com>. ♦

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, December 18, 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 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@jschlessner.com>.

Note that we still need volunteers to chair the Contest Committee and the Public Relations and Membership Committee. Contact **Smokey Wallace/KE6IVK** at <ke6ivk@arrl.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. ♦

Chris Gay/KU4A Retires

Chris Gay/KU4A, who has served as moderator for the Club's KYQRP group, has announced he will be retiring from that position effective December 31, 2017.

When asked about it, Chris said: "It's been a great 6 1/2-year run. **Bob Cooper/AF4OI** got KY-QRP started many years ago as a special interest group within BARS. After awhile he had to step away. **Fernie Williams/KE4MAI** picked it up and presided over meetings for quite some time. But he too had to move on to other things. Before he left, he suggested that KY-QRP meet for the half hour before the BARS meeting. It was an excellent idea, but there was nobody to organize the meetings. I volunteered beginning with the June, 2011 meeting. But now it's time for me to step aside and let some fresh lead-



November Club Meeting

Report by the Nominating Committee; Report of a Large Donation of Radio Equipment

Roger/KJ4YSY and **Loretta Colvin**, representing the Nominating Committee appointed by the president during the October Club meeting, presented the list of members whose names will appear on the slate of officers for 2018.

Bill Fuqua/WA4LAV gave details of a large donation of radio equipment the Club has received. Rich showed a number of photographs he had taken for the inside of the cabinet clearly showing the large filter transformer, tubes, etc., he had installed to achieve two kilowatts of output, and to improve the output signal. He said he had worked 13



(Left to Right) **Loretta and Roger/KJ4YFY Colvin, Bill Fuqua/WA4LAV.**

states, with Arizona being the furthest distance from central Kentucky. ♦

ership come in.

"KY-QRP has accomplished a lot during its existence," Chris said. "We had a fun miles-per-watt contest for a number of years where people tried to see how far away they could make QSOs at QRP power levels. Some of these contacts were made at well less than the typical 5 Watt 'standard' QRP power level. There have been many 'field events' where members

went to public parks and other places, set up portable stations running on battery power, and worked the world with make-shift antennas. And the monthly meetings were always enjoyable as ways to compare notes about what we had been doing (building kits, homebrewing antennas, etc.). A lot of BARS members who happened to wander into the meeting room early got a chance to see what QRP was

Program Schedule for 2017

James Schlessler/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 Schlessler/WA9MED** at (757) 402-8208, or e-mail to <wa9med@jschlessler.com>.

Month	Topic	Presenter(s)	Comments
✓ January	Open		
✓ February	"BOB"	David Richardson/W9KHZ	Personal Emergency Preparedness
✓ March	Severe Weather Identification and Reporting	tentatively by Joe Sullivan/KC7ITG	of the NWS, Louisville
✓ April		Stephen Bishop and Tim Brandewie	Lexington/Fayette Emergency Management
✓ May	Chemical Weapons Removal	– Bluegrass Ordinance Depot, Madison County, Kentucky.	
✓ June	"Field Day"	Smokey Wallace/KE6IVK	Site location, preparation, operating stations, etc.
✓ July	"Weatherproofing Cables, Coax, and Assemblies"	James Schlessler/WA9MED	
✓ August	Hamfest	Dave Richardson/W9KHZ and Fest Committee	Location, preparation, tickets, tables, work crews, etc.
✓ September	Annual Family Picnic	Fun, Food, Conversation	Picnic Shelter #2, Shillito Park, Lexington
✓ October	Conversion of Commercial AM Transmitters to Amateur Radio Use	Doug Ponder/K4PVN	Berea, Kentucky
✓ November	Report of Nominating Committee	Roger/KJ4YSY and Loretta Colvin	Ballot of Officers for 2018
December	Annual Auction	J.B. Young	will serve as auctioneer to see if he can get you some cash – Bring your items

all about.

"Chris hopes that the group will be able to continue on. "Hopefully someone will come forward to conduct the meetings. If not, perhaps the group will 'talk amongst themselves' as a monthly meeting. In any event, we will have our Yahoo Group and Facebook page for members to keep in touch." ♦

Origin of the Name "HAM" for Amateur Radio Operators

"Florida Skip Magazine" – 1959
Submitted by **J.B. Young/WA4WWH**
Member, Bluegrass ARS,
Lexington, Kentucky

If you search the Web for the origin of the term "HAM" for radio amateurs, you will find two or three accounts that are evidently most believed. However, this version seems to be the most credible. It was provided to me by a very active and accomplished HAM, **Mr. Cornell D.**, who is not given to propagating bad information. I tried unsuccessfully to locate an original version of the "Florida Skip Magazine" from 1959. If anyone has a copy that can provide a scan of the article, it would be a great service to all HAMs if you could send it to me for posting. Thanks.

All copyrights acknowledged, but unknown

Have you ever wondered why radio amateurs are called "HAMS?" Well, it goes like this: The word "HAM" as applied to 1908 was the station CALL of the first amateur wireless stations operated by some amateurs of the Harvard Radio Club. They were **ALBERT S. HYMAN**, **BOB ALMY**, and **POOGIE MURRAY**.

At first they called their station "HYMAN-ALMY-MURRAY". Tapping out such a long name in code soon became tiresome and called for a revision. They changed it to "HY-AL-MU," using the first two letters of each of their names. Early in 1901 some confusion resulted between signals from amateur wireless station "HYALMU" and a Mexican ship named "HYALMO." They then decided to use only the first letter of each name, and the station CALL became "HAM."

In the early pioneer days of unregulated radio, amateur operators picked their own frequency and call-letters. Then, as now, some amateurs had better signals than commercial stations. The resulting interference came to the attention of congressional committees in Washington and

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.

Congress gave much time to proposed legislation designed to critically limit amateur radio activity. In 1911 ALBERT HYMAN chose the controversial WIRELESS REGULATION BILL as the topic for his Thesis at Harvard. His instructor insisted that a copy be sent to Senator **DAVID I. WALSH**, a member of one of the committees hearing the Bill. The Senator was so impressed with the thesis is that he asked HYMAN to appear before the committee. ALBERT HYMAN took the stand and described how the little station was built and almost cried when he told the crowded committee room that if the BILL went through that they would have to close down the station because they could not afford the license fees and all the other requirements which the BILL imposed on amateur stations.

Congressional debate began on the WIRELESS REGULATION BILL and little station "HAM" became the symbol for all the little amateur stations in the country crying to be saved from the menace and greed of the big commercial stations who didn't want them around. The BILL finally got to the floor of Congress and every speaker talked about the "...poor little station HAM." That's how it all started. You will find the whole story in the Congressional Record.

Nationwide publicity associated station ""HAM" with amateur radio operators. From that day to this, and probably until the end of time in radio an amateur is a "HAM."

Heard on the ListServ

Fight for the Right to Repair Our Electronics

Bill Cotter/N4LG

n4lg@qx.net

Wednesday, November 1, 2017

Here is an interesting article from the "IEEE Spectrum" magazine explaining what we all know. And, Pending U.S. legislation that could force manufacturers to make repair parts and information available at fair prices, our inability to repair modern gadgets is intentional.

<<https://spectrum.ieee.org/green-tech/conservation/why-we-must-fight-for-the-right-to-repair-our-electronics>>
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~~~~~

**Bob Lunsford/KK5R**

*Wednesday, November 1, 2017*

Pending? Who is blocking this or causing it to be delayed?

Not only have hams been innovators, inventing electronic apparatus since the beginning, if not for hams and the operational and experimental test-bed of the Amateur world, it would in many cases not have given us the equipment we have. And this extends to other areas of electronics.

Manufacturers have depended upon the feedback from Amateur Radio. We would not see the equipment we now have nor would be have licenses to operate our radios as we see them today, replete with technical material that goes beyond mere operation of the equipment, if not for Amateur Radio.

If we are not allowed to repair, modify and improve our equipment, then the exams need to be rewritten to cover only the operation (twisting knobs, flipping switches, etc.) and have all that technical stuff removed from the exams. Can everyone imagine what that would do to Amateur Radio? It would not be the same.

~~~~~

Pete Kragh/K2UPD

k2upd@aol.com

Wednesday, November 1, 2017

Nothing new. Industry has been trying to limit DIY repairs for a long time. Look at the auto industry. Also, look at planned obsolescence built into most products, not just operating systems and IT stuff. Industry can't sell new stuff if the old stuff doesn't stop working at some point.

~~~~~

**John Clark/KM4MVD**

*johndclark@CLARKTECHNOLOGIES.COM*

*Wednesday, November 1, 2017*

With Respect, here is another point of view.

While I am all for any legislation that would protect our individual right to repair, modify, upgrade, & improve our equipment. If I own it, I should be able to do anything I (legally) want with it. This is critical for our hobbies and future innovation.

However to force any manufacture to provide repair information and parts could have unintended consequences. As a potential small time manufacture of

equipment (we have a few projects and ideas we are considering bringing to market), I have these concerns.

I don't have the repair information. Some projects use third party electronics and assemblies. Now days so much stuff is "plug & play," I don't have detailed parts or repair information on most of the components in a project. To force me to provide that would be very costly, if even possible at all.

Intellectual property rights, or IP for short. In short IP is my design, both hardware and software, that I created or assembled. I would hate to spend 2 years working out how to make a product of mine work, just to then have to give up the details of my unique and proprietary design so any unscrupulous Chinese manufacture can get a hold of my "repair" information and start reproducing my product cheaply and put me out of business. I would hate for even to force the "big" US companies to give up their IP, even if they could afford the loss. It is still not fair.

Other considerations:

Many parts inside our modern electronics, even the assemblies themselves, are a one time run production. Even if you have the repair information, you probably can't get the part or it is too expensive. To force a manufacture of any size to have "parts" available at a fair price would be a huge mistake. It will drive up the cost of electronics and equipment in general. Or, to comply with any misguided law that they may come up with, larger manufactures can do an overrun of the chips and components to have extra "parts" on hand, but when you really need one to fix your phone or TV or tractor, they are already sold out of them. They have complied with the law but the law was totally ineffective in solving the problem it intended to fix in the end.

A concern is all the electronic waste that is being generated. However a new law will not fix this problem. As even if we could get all the parts and service manuals we need to repair our broken electronics, it would still be too costly for the end use to have their electronics repaired. IF the law worked, you and I, the electronically trained and inclined could fix things. But the cost for the average consumer to get something repaired would not be worth the cost of unit or buying a new one.

Point in case, back during the capacitor plague, I had a customer with a really nice all in one Apple computer. It would cost \$20 to replace the (20-30) capacitors that had leaked. BUT It would take SEVERAL of my hours to take it apart and

*"No matter how cynical you get, it is impossible to keep up."*

*~ Lily Tomlin*

unsolder all the components, replace them, and try to put it all back together. I was only going to charge them 3-4 hours of labor, even though I knew it would probably take at least 8 to do it correctly. So at a cost of about \$250 or so, even though the unit was worth much more when it worked, it was not worth it to them to get it fixed (and I wasn't going to warrant the work, who could, there could be other things wrong we didn't know about.)

And we are not even going to talk of the ideological side of it. What right does our (American) government have to tell ANY private company, big or small, how to run it's business (since this is not a Safety, Health, or Ethical issue). To force a company to reveal it's IP and keep warehouses stocked of parts so some tinkers of electronics can try to repair their stuff, is simply unAmerican.

So while I fully support our right to repair, modify, upgrade anything we physically own, I don't support the idea of forcing any company or manufacture to have to give me their information.

Like many laws, it is very well intentioned, but the end result can do more damage than good. The bigger companies can afford to "comply" but will find a way around the law so the net effect is we haven't changed anything (But drive the prices up).

Smaller companies and manufactures (like myself) will be forced into a new set of laws and regs that I can't afford to comply with or implement, preventing innovation and advancement. After all, even Apple was started in someone's garage! The smaller designers & manufactures are the backbone of this country and forward innovation, yet they would be hurt the most or put out of business!!!

Anyway I have said enough. My opinions are my own. Feel free to agree or disagree with them. If you disagree with me, I offer no offense and I take none. I just wanted to provide a different perspective on these well intentioned laws that could have unintended and negative consequences.

**Malcolm Walters/KM4MJW**

*chuckles.mookie@GMAIL.COM*

*Wednesday, November 1, 2017*

I think it is what they don't know will not hurt them lol :)

**John Clark/KM4MVD**

*johnclark@clarktechnologies.com*

*Wednesday, November 1, 2017*

I would say this on obsolescence, Industries can sell stuff, even if the old stuff does not break.

Point in case, who would want a 20 year old TV, most people will eventually want to upgrade, the technologies are advancing and improving so fast that MAJOR improvements to our electronics and products are happening every year.

Who can do real work on Windows 95 now days? Just because something can last or work for a long time, does that mean it should or is best??

I'll shut up now, honest. :)

**Bob Lunsford/KK5R**

*Wednesday, November 1, 2017*

I went to technical school for electronics in 1959 and the old Philco radios could still be found. The one I had was the Model 650, a great radio. I asked my teacher at school, who was a ham, why Philco radios were no longer available. He said that Philco designed the radios to use special tools for repairs and alignment and did not provide information except to dealers. This was the downfall of Philco and because people lost interest in it because other radios were easier to work on and cheaper to buy.

I also had a friend who worked for Texas Instruments and is also a ham. He said that the TI-99 was a very popular mini-computer and many hams loved it for use with CW encode and decode and a few used it for RTTY. But TI did a study for how to improve the TI-99 and the study said that they needed to make it more peripheral-friendly like the others were starting to do. TI promptly put the study in a drawer and forgot it. Two years later, they noticed the sales of the TI-99 had started to bomb out and they pulled the study out of the drawer and decided to stop all production of it.

When I first noticed the TI-99, it cost almost \$1000 but at the end, you could buy them at Western Auto for \$49...

Sure, this is nothing new but that legislation, if it should go through, would be good for buyers who are forced to throw their equipment away if there is no one to work on it. If the legislation were in force, you would not have to depend on some engineer friend at the factory to keep from throwing equipment away or selling it for a TI-99 price. What keeps this from being something new is as I asked, why is this being held up? This is where the politicians need to feel the heat more from



the consumer than from the manufacturers. Who are the politicians working for, anyway?

**Jim Schings/AI4SR**

sracing@MINDSPRING.COM

Wednesday 1, 2017

Gotta go with John Clark (mostly) on this one. By the time something in electronics (or most any tech) breaks it is long past its obsolescence. Also, having worked

in an industry for 30 years that designed and built industrial and consumer electronics, I have never seen any design criteria to consciously build in a failure rate (other than one that KEPT IT PERFORMING through it's useful obsolescence life time.) This was due to competitive pressures. Having a reputation for early failure is not something any company wants.

Someone mentioned the auto industry. Like most everything higher tech, things are more difficult to repair without the proper

**Andy Rooney** wrote that . . .

. . . "If you smile when no one else is around, you really mean it."

equipment. However, given the proper equipment and considering the myriad of functions now available in new cars, the on-board diagnostics are remarkable. Also having been in the auto industry for 10+ years most recently, I would far prefer working on the newer stuff. Yes, the shade tree mechanic can't succeed anymore.

But based upon \$ inflation and options, new cars are FAR cheaper to buy and operate. When is the last time you have had to do a tune-up on a modern car? Maybe 50k miles vs. 10k? Fuel consumption 1/2 or 1/3. More HP, far more safety and comfort options, that don't break. You don't even get flat tires anymore and they wear twice as long.

The above all apply to most all ham gear. The old stuff was neat to see glow in the dark and usually easy to repair (and quite often), but I will take the new stuff any day. When I want to do some soldering, I build something from QST, etc. :) )

**Bob Lunsford/KK5R**

Wednesday, November 1, 2017

I see your point, John. This brings up another scenario:

Why not then pop a Rolls Royce feature into all the equipment we buy? For example, RR welded shut the hood of some of their models to keep people out of the works and allow RR to do all the work on it. This was done at one time, at least. But along with this was a guarantee that left the buyer with little or no remorse because he knew there was someone to make repairs and tune-ups. Do we want this?

Do we want to only buy kits so we will know what's under the hood? Or do we depend on design and component reliability to give us the confidence in something we spend much money on and expect it to last 20 years or more? This last is what many are doing.

Some of the old radios are still humping along. Take some old Swans, for example. They are still out there doing their thing until a bad switch or relay comes along. Then do we send it back to Swan? (That is just an idea, not a suggestion.)

Some of the design engineers are geniuses. Some of them can make a radio that is able to last more than one person's lifetime. But consider the Elecraft and maybe this is the way to go: When something goes bad, you send it back to the

## 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>January 13</b> , 2018 10:00 AM  | W5YI  | Winchester   |
| Saturday, <b>January 27</b> , 2018 10:00 AM  | ARRL  | Danville     |
| Saturday, <b>February 10</b> , 2018 10:00 AM | ARRL  | Lexington    |
| Saturday, <b>March 10</b> , 2018 10:00 AM    | ARRL  | Georgetown   |
| Tuesday, <b>March 20</b> , 2018 07:00 PM     | WCARS | Lexington    |
| Saturday, <b>April 14</b> , 2018 10:00 AM    | W5YI  | Winchester   |
| Saturday, <b>April 28</b> , 2018 10:00 AM    | ARRL  | Danville     |
| Saturday, <b>May 11</b> , 2018 10:00 AM      | ARRL  | Lexington    |
| Saturday, <b>June 9</b> , 2018 10:00 AM      | ARRL  | Georgetown   |
| Tuesday, <b>June 12</b> , 2018 07:00 PM      | WCARS | Lexington    |
| Saturday, <b>July 14</b> , 2018 10:00 AM     | W5YI  | Winchester   |
| Saturday, <b>July 28</b> , 2018 10:00 AM     | ARRL  | Danville     |
| Saturday, <b>August 11</b> , 2018 11:00 AM   | ARRL  | BARS Hamfest |
| Saturday, <b>September 8</b> , 2018 10:00 AM | ARRL  | Georgetown   |

geniuses at Elecraft and they make repairs. Satisfaction guaranteed.

I'm reminded of RL Drake of decades ago. One friend left the radio for some minor check/repair with the plan to stop back by later and pick up the radio. Drake not only repaired the little problem but they replaced other items in the radio and did a complete realignment – at no charge....!!! Imagine doing this with some radio made in Japan or China. That's right, imagine it.

I'm also reminded of a VFO assembly I had in a TenTec radio that had chatter marks on the slug drive screw and this made the frequency jitter or step when tuning instead of smoothly going across a signal or carrier. I mentioned this to one of the TT Techs at Dayton and he got my address to send me a new drive screw but was I surprised when they sent me a completely new replacement VFO. I called them and they said that they'd rather I be happy with the radio and also that they did not want the old VFO returned because it was substandard. They asked me to discard it, instead.

There are loads and loads of rationale and views from the top and from the bottom on political matters. Never are you going to see everyone completely happy. Some people seem to sit up nights to try to find a new pain. Perhaps this is nothing but human nature...

#### Mike Vanatta/KW8RQ

<kw8rq@KW8RQ.COM>

Wednesday, November 1, 2017

If you'll read the article this goes far beyond just access to parts and schematics and issues around "planned obsolescence." Now, companies are saying you don't own anything that uses their software (tractors, coffee makers, microwaves, cars), you are only licensing the hardware. You give up any right to have anyone repair it other than the manufacturer. Apple did this years ago when they pushed a software update that identified non-OEM screens on iPhones and iPads and zapped the devices. The story gives an example about \$75k tractors.

There's a lot of complicated issues on both sides, and lots of lobbying money. As usual, that will mean any legislation will end up looking like a hastily cobbled committee effort, with all the contradictions and ill-conceived outcomes that come along with it.

#### Bob Lunsford/KK5R

Wednesday, November 1, 2017

To put it briefly, you nailed it, Mike. Of course, this is only my h?u?m?b?l?e? opinion. {->

$$111,111,111 \times 111,111,111 = 12,345,678,987,654,321$$

#### John Clark/KM4MVD

Wednesday, November 1, 2017

Awesome points from you all. I'm not really going to comment on much of it, else we could go on and on in circles.

I did think of something else through these discussions. I appreciate Bob's perspective from his decades of experience before I was even born! :) That leads me to my next point, I think it is also a generational thing as well.

Consider:

My wife and I got married in 2006. She had a fairly new crock-pot that was only a few years old. Basic, turn the knob to the 3 positions. On our wedding list we had registered for a nicer crock-pot, it was digital. Well someone graciously bought it for us and we have been using it ever since. You can program the time for how long you want it to run for, it will auto switch from high/low to warm when the time is up, which is great for us when we didn't know exactly when we would get home. Etc., etc. Her crock-pot still works, we still use it, only about 10% of the time when we need two of them. Now contrast that to my elderly neighbors. . . she has the same crock-pot since like the 70s!!!! Still works. She probably still wonders why we wanted a newer crock-pot when we had a new one that still worked great. She comes from a totally different background and time. Things have changed or at least perspectives have.

Point in case: I have a modern microwave in my camper, full size, turntable, digital controls. It works really well. However the LCD screen is mostly scrambled. Almost a pain sometimes. I could fix it, maybe. Maybe I could easier fix it if I had the manual and Sharp still had the part(s) available or I can find a suitable replacement. But I don't have the time any more and for \$80, if/when I get tired of it, I can get a much better one for the space. So in my mind, why bother. And for those that don't know me, I am not one just to throw stuff out, my house and work is filled with crap that I "will fix" some day. . . (and I would probably give the old one away to a college kid who would be more than happy to have a microwave.)

So I think it also comes down to an interesting generational issue on how we see our stuff. I'm not going to say one

is better or worse than the other, just different ways of thinking from different situations and times. Half of you are probably yelling at your screen going "John why don't you just fix your microwave" while the other half is nodding in agreement saying "yeah and you can get a \$100 microwave for \$50 on black Friday, just replace it." :)

The generation younger than me is even worse and wouldn't even THINK of repairing anything. Sad. And admittedly, I am very frustrated when I can't get a modern cell phone to last more than 2 years and they cost me \$500-\$900!! :(

#### Bob Lunsford/KK5R

Wednesday, November 1, 2017

Again, interesting perspective, John. I've had the PM's from TenTec, a couple of Argonauts and think they were great. I built nearly every version of Heath's offerings for hams and they were also great. The SB's and HW's but one HW-102 was "upgraded" to an SB-102 by buying the parts that made it the digital version. In fact, the little resistor in the power supply that gave it remote sensing capabilities was my idea and it was because I did not like the panel light/s flickering when I was using SSB.

I've also had my share of Swans. The 350 and the lesser models and revamped the power supplies with newer parts. Even had the 100MX which rivals a lot of radios we have today for what it was able to do. Quality was worlds above the earlier Swans.

Now, to give a bit of insight into my "generational thing," my rigs are primarily a Yaesu FT-450AT and an Icom 718 backup. Also, I have a Xiegu X108G which is an HF radio with up to 20W output and includes all the WARC bands. Therefore, with these radios, would I go back to a tube radio? While I liked some of them very much, I'd not trade what I have now for the best of the Glow Boxes. In fact, the 450 has features I have yet to use. But let's consider the Xiegu for a moment.

The X108G is a rare piece of equipment in that it does nearly everything I want in a general purpose radio and for it's size, it's amazing. It's chock full of the latest and greatest, even some specialized IC's that would take a milk case full of discrete parts to build an equivalent radio. But here's the rub: The operating manual is all you get with it. With its 18 pages or so, you get all you need to operate it but not a single thing about taking it apart and working on it. Sure, you can send it back to China but from some stories on Yahoo Groups about the radio, I'd rather just palm it off to my least liked "friend" if it

goes belly up.

Another company has/had a version of it that included a few added features like built-in SWR checker with video display, spectrum analyzer, etc. But the person who owns that company had some of the same complaints: Even though he sells the radio, there is little support from the company or, at least, not as much as he would like. Add to this that it was initially sold by another company (in North Carolina) but Xiegu left him in the dust of "progress" when they picked up the other seller who is in California.

So you can see that I'd love to have a form of maintenance manual for the radio but if there were a law that required it, I have some severe doubts as to whether Xiegu would respond to it.

It's not always about Intellectual Property or some resistance to be helpful to the buyer. For Xiegu, I believe it's also a matter of being so busy building, selling and promoting the business that customer support takes place much lower in priority. It is also a matter of their belief that the radio is so reliable and foolproof that they do not see it as a requirement. Heaven forbid if someone wants to modify it or adapt it for some other, more exotic use. That is not what they designed the radio to do. You buy it like people bought the VW Beetle and drove it all the way to the bank where the savings by buying the less expensive goodie was put away for the future.

Again, it may be good to remind people that everyone's taste is in his/her own mouth. To each his own, as they say. Also, as someone else said, it's a mixed blessing since the Federales are behind the

*"Listening with the eyes, ears, and heart will help us understand feeling, meaning, and content."*

~ Stephen R. Covey

"pending" legislation. Mark Twain had a lot to say about lawmakers.

**John Clark/KM4MVD**

Wednesday, November 1, 2017

Thanks Bob, I enjoy hearing things like this! I had never heard of Xiegu before. Looks like a nice radio (from looking at Amazon). I wonder if they (Xiegu) would even know how to repair their radio. The design of many of the components and boards may have been subbed out to different designers and they just put it all together. I know in my design of things, some areas it would be far cheaper and quicker for me to hire someone to design that part of my product, and I just implement it. For better or worse.

This type of thing drives our Love/Hate relationship with manufactures like Baofeng and the many others that have popped up. I may miss the quality, repairability, upgradability of some of the traditional major radio brands (if I could afford them that is), but I still wouldn't give up my \$30 radio, even if 1 in 6 failed.

This is why I love the Arduino, Raspberry PI, etc. It brings modern component power back down to our level for a reasonable price. The \$35 computer, the \$15 GPS, the \$10 SDR, brings innovation, imagination, learning, and fun back into our hobby!! The joy and learning that you all had in tinkering with the "big glowing

boats", that was lost over the years with modern "untouchable" electronics, is coming back and starting to inspire a new and up and coming generation. And that will slowly alter public opinion and buying power, which will slowly alter, create, persuade some of these manufactures to play nicely with us again. :)

**Bob Lunsford/KK5R**

Wednesday, November 1, 2017

Here is Connect Systems' website on their version of the X108G which has many more features. Also, the manual is an improvement over the factory manual although some features described in the manual are for the Connect System version...

<<http://www.connectsystems.com/products/top/radios%20CS108G.htm>>

Manual:

<[http://www.connectsystems.com/products/manuals/CS108G%20USERS\\_MANUAL.pdf](http://www.connectsystems.com/products/manuals/CS108G%20USERS_MANUAL.pdf)>

There is another radio that is for 40M and is interesting. Comes from Vibroplex: <<http://www.vibroplex.com/contents/en-us/d84.html>> ♦

### 3.916 Santa Net Kicked Off November 24

For the 12th consecutive year, The Santa Net will be held on 3.916 MHz. Good girls and boys will be able to talk to Santa Claus, via amateur radio, nightly at 7:30 PM (Central) starting Friday, November 24, 2017, until Christmas Eve, December 24, 2017. ♦



## It's the Rule

### Court Dismisses Ham's Suit Against ARRL

**Kent Peterson KC0DGY for  
Amateur Radio Newsline Report 2090,  
November 17, 2017**

In our top story, a federal appeals court has ruled in a defamation lawsuit filed against the ARRL. **Kent Peterson KC0DGY** has those details.

KENT: A U.S. district court has dismissed a defamation lawsuit filed against the American Radio Relay League by its former Eastern Pennsylvania Section Manager **Joseph Ames W3JY**. The suit was filed last year after an article appeared explaining his dismissal in June of 2016.

The Third Circuit Court of Appeals ruling on the 13th of November found the

ARRL's contention to be true -- that the Malvern, Pennsylvania, amateur had improperly conducted disaster planning directly with the Federal Emergency Management Agency. The ARRL said Joseph Ames had violated ARRL bylaws which state that the league is responsible for its own representation with government agencies such as FEMA. The ARRL argued that the arrangement was thus unauthorized.

According to the court papers the three-judge panel found "Ames treated NTS like a separate entity from ARRL

by making decisions on policy issues, issuing press releases, doing government advocacy and giving NTS volunteers the false impression that NTS is separate from ARRL."

Ames had been chairman of the ARRL National Traffic System's Eastern Area when he was voted out by the executive committee. He had sued the ARRL and three of its officers. The NTS was created by the league in 1949.

(LAW 360, ARRL, U.S. COURT OF APPEALS THIRD CIRCUIT)



## Where's the Rare DX?

"OPDX Bulletin 1341"

November 27, 2017

<<http://www.papays.com/opdx1341.html>>

**AFGHANISTAN (T6)** – Salvatore/I21BWB is now signing T6/I21CCK from Herat til Dec mainly on 20m using CW and SSB. QSL via I21BWB, direct or by the Buro.

**AO-91 COMMISSIONED, DECLARED OPEN** – The ARRL Web page reports: "AMSAT-NA's latest Amateur Radio CubeSat, RadFxSat (Fox-1B), known as AO-91. Read the complete press release at <<http://www.arrl.org/news/view/ao-91-commissioned-declared-open-for-amateur-use>>."

**BOUVET DXPEDITION (3ØY)** – Posted Nov 22: Our sea container should be near the port of San Antonio, Chile, on its way to Bouvet. Our band plan is now posted on this website: <<http://www.bouvetdx.org/band-plan-frequencies>>. Please visit this page if you intend to try contacting 3YØZ on FT8. It is "must" reading.

**BRUNEI (V8)** – By the time you read this, Tom/KCØW will be signing V85/KCØW from Brunei til Dec 10 on 80-6m using CW and possibly FT8. QSL via his home CBA direct. No LoTW; No Buro.

**CAMBODIA (XU)** – Tom/KCØW cut his operation from Vietnam short and is signing XU7XXX from Cambodia. His length of stay is not known. Activity is on 80-6m CW only. QSL via KCØW direct. No LoTW – No Buro.

**CORSICA (TK)** – Georg/NZ1C will sign TK/NZ1C Dec 16-24 on 40-10m using CW and FT8, with some SSB, RTTY and PSK. QSL via DD5ZZ.

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

**FRENCH SOUTHERN INDIAN OCEAN TOUR** – Gildas/TU5KG is traveling the South Indian Ocean on a fishing boat. He is sailing in both the Kerguelen and Crozet Is regions, and may activate the islands (if he goes ashore) signing FT5XT (Kerguelen) and FT5WQ (Crozet). When at sea he will sign callsign/mm. QSL via F4DXW direct only. View his QSL card on QRZ.com.

**HONG KONG (VR2Ø) (Special Event)** – Hong Kong Radio Sports Assoc (HRSA) members will sign VR2Ø til 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)>.

**ISRAEL (4XØ) (Special Event)** –

## Upcoming Contests

**Sean Kutzko/KX9X,**  
**QST,** <<http://www.arrl.org/contest-calendar>>, scroll down, click on "Contest Corral"

- Dec 1-3 ARRL 160-Meter Contest, CW [www.arrl.org/160-meter](http://www.arrl.org/160-meter)
- Dec 2 Wake-Up! QRP Sprint, 40/20m, CW, [www.qrp.ru/contest/wakeup/333-wakeup-eng](http://www.qrp.ru/contest/wakeup/333-wakeup-eng)
- Dec 2-3 TOPS Activity Contest, 80-10m, CW, [www.procwclub.ro/TAC%20Rules.html](http://www.procwclub.ro/TAC%20Rules.html)
- Dec 2-3 EPC Ukraine DX Contest, 80-10m, Digi, [www.qrz.ru/contest/detail/261.html](http://www.qrz.ru/contest/detail/261.html)
- Dec 3 Ten-Meter RTTY Contest, Digi, [www.rttycontesting.com](http://www.rttycontesting.com)
- Dec 3 SARL Digital Contest, 80-20m, Digi, [www.sarl.org.za](http://www.sarl.org.za)
- Dec 5 ARS Spartan Sprint, 80-10m, CW, [www.arsqrp.blogspot.com](http://www.arsqrp.blogspot.com)
- Dec 7 QRP ARCI Topband Sprint, 160m, CW/Phn, [www.qrparci.org](http://www.qrparci.org)
- Dec 7 NRAU 10-Meter Activity Contest, CW/Digi/Phn, [www.nrau.net/activity-contests](http://www.nrau.net/activity-contests)
- Dec 9-10 ARRL 10-Meter Contest, CW/Phn, [www.arrl.org/10-meter](http://www.arrl.org/10-meter)
- Dec 9-10 SKCC Weekend Sprintathon, 160-6m, CW, [www.skccgroup.com](http://www.skccgroup.com)
- Dec 9-10 Intl Naval Test, 80-10m, CW/Phn, [www.marinefunker.de/eng/show.php3?pos=16](http://www.marinefunker.de/eng/show.php3?pos=16)
- Dec 9-17 AWA Bruce Kelley 1929 QSO Party, 160-40m, CW, [www.antiquewireless.org](http://www.antiquewireless.org)
- Dec 10 QRP ARCI Holiday Spirits Homebrew Sprint, 160-10m, CW, [www.qrparci.org](http://www.qrparci.org)
- Dec 10-14 CQC Great Colorado Snowshoe Run, 20m, CW, [www.coloradoqrclub.org](http://www.coloradoqrclub.org)
- Dec 11 4 States QRP Group Second Sunday Sprint, 160-10m, CW/Phn, [www.4sqrp.com](http://www.4sqrp.com)
- Dec 13 NAQCC CW Sprint, 80-20m, CW, [www.naqcc.info](http://www.naqcc.info)
- Dec 15 Russian 160-Meter Contest, CW/Phn, [www.qrz.ru/contest/detail/90.html](http://www.qrz.ru/contest/detail/90.html)
- Dec 15 AGB-Party Test, 80/40m, CW/Digi/Phn, [www.ev5agb.com/contest/agb\\_party.htm](http://www.ev5agb.com/contest/agb_party.htm)
- Dec 16 Feld Hell Sprint, 160-6m, Digi, [www.sites.google.com/site/feldhellclub](http://www.sites.google.com/site/feldhellclub)
- Dec 16 OK DX RTTY Contest, 80-10m, Digi, [www.okrtty.crk.cz/index.php?page=english](http://www.okrtty.crk.cz/index.php?page=english)
- Dec 16 Padang DX Contest, 80-10m, Phn, [www.padang.qrzyb.com](http://www.padang.qrzyb.com)
- Dec 16-17 Croatian CW Contest, 160-10m, CW, [www.9acw.org](http://www.9acw.org)
- Dec 17 ARRL Rookie Roundup, 80-6m, CW, [www.arrl.org/rookie-roundup](http://www.arrl.org/rookie-roundup)
- Dec 18 Run for the Bacon QRP Contest, 160-10m, CW, [www.qrpcontest.com/pigrun](http://www.qrpcontest.com/pigrun)
- Dec 21 NAQCC CW Sprint, 80-20m, CW, [www.naqcc.info](http://www.naqcc.info)
- Dec 24 RAEM Contest, 80-10m, CW, [www.raem.srr.ru/en/main](http://www.raem.srr.ru/en/main)
- Dec 26 DARC Christmas Contest, 80/40m, CW/Phn, [www.darc.de/?id=820](http://www.darc.de/?id=820)
- Dec 27 SKCC Sprint, 160-10m, CW, [www.skccgroup.com](http://www.skccgroup.com)
- Dec 30 RAC Winter Contest, 160-2m, CW/Phn, [www.wp.rac.ca](http://www.wp.rac.ca)
- Dec 30-31 Stew Perry Topband Challenge, 160m, CW, [www.kkn.net/stew](http://www.kkn.net/stew)
- Dec 31 Bogor Old and New Contest, 80/40m, Phn, [www.orari-bogor.org](http://www.orari-bogor.org) ♦

Jan/4X1VF informs that the UNESCO World Heritage Committee has declared Shivta to be a World Heritage Site. Shivta National Park is on the list of confirmed WFF Israel National Parks Award (4XFF- 032). Nine members of the "The Holy land DX Group" will operate 0800 UTC Friday, Dec 22-24 signing the call 4XØXMAS with three stations with CW and SSB on the WFF frequencies. Visit QRZ.com under 4X9XMAS). QSL via LoTW and eQSL.

**LUZON ISLAND PHILIPPINES (OC-042)** – Chris/F4EBK will sign DU3/F4EBK during Feb on 20/15/10m. Listen for QSL route.

**MALAWI (7Q)** – Members of the EIDX Group will sign 7Q7EI from Lake Malawi Mar 21-Apr 3 on 160-10m using CW, SSB and RTTY. They plan to enter the CQWW WPX SSB Contest (Mar 24-25) There are four ways to QSL: via MØOXO, direct, or via OQRS (direct or Buro). Log will not

be uploaded to LoTW for up to 3 months. <<http://www.7q7ei.com>>

**MAURITANIA (5T)** – Ops Obaid/A61M (5T1R) and Fawaz/A92AA (5T1A) will be active til Dec 20 on 40-10m using SSB and FT8. QSL both via A92AA. They will be joined by Ahmad/9K2AI (5T2AI), who is there for the next two years. He will activate Tidra Is (AF-050) as 5T5TI Dec 1-7 on 40-10m using SSB and the Digi modes (FT8 was mentioned). QSL via NI5DX, LoTW or ClubLog. <<http://5t5ti.blogspot.com>>

**MOZAMBIQUE (C8)** – The Lion DX Team (OT8T) will sign C8T May 2-15 on 160-6m using CW, SSB and RTTY (maybe PSK, FT8), 60m and also 2m-EME. QSL Manager has not been named, but they will be using ClubLog. <<https://mozambique2018.wordpress.com>>

**MICRONESIA (V6)** – Sumio/J11MDM will sign V63AKB48 (SSB) and V63AKB (FT8) from Pohnpei Is (OC-010, WW Loc

QJ96cx) Jan 15-18 on 20/17/15/12m. QSL via JI1MDM by the Buro.

**NEPAL (9N)** – Gerhard/OE3GEA is signing 9N7GE from Kathmandu on HF (QRNs on 30/17m) using CW. QSL via his home CBA, direct or by the Buro.

**RODRIGUEZ ISLAND (3B9) (AF-017)** – Olof/GØCKV will sign 3B9HA til Dec 11 on the low bands and CW, maybe FT8. He may upload his log daily to LOTW and ClubLog. QSL via MØOXO or LoTW.

**SRI LANKA (4S)** – Takayuki/JI1SHQ

has moved to Sri Lanka (AS-003) and will sign 4S7TNG for the next several years mainly on 30 and 20m using CW. QSL via JI1SHQ by the Buro.

**ST. HELENA ISLAND (ZD7)** – Bill/GØVDE will sign ZD8VDE operating SSB and some Data (maybe FT8!). Online log will be via ClubLog and QSLs via OQRS. Info at <<http://www.sthelenadx.com>>.

**TABOGA ISLAND (NA-072)** – Four Ops will sign H91IT Jan 6-9 on 40-10m using CW and SSB. QSL via HP1RCP.

**THE GAMBIA (C5)** – Andre/ON7YK is

signing C5YK from Bijilo for 2 months (he is currently the only resident licensed operator in The Gambia) on 40-6m. He has been active on FT8. QSL via his home CBA direct, LoTW or eQSL. <<http://www.on7yk.eu/index.html>>

**TOGO (5V)** – John/N9MDH will sign 5V1JE til the end of May on 80-10m (he likes the 30m band) using SSB and Digi. QSL via eQSL or LoTW.

**VIETNAM (3W)** – Megumu/JA6QGF is signing 3W9A from Ho Chi Minh City on 17 and 6m SSB. QSL via his home JA6 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, 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](mailto: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](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**, [johnk4ft@gmail.com](mailto: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](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** – 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, [byronrlx@aol.com](mailto:byronrlx@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.

**The Southeast Kentucky ARC** – meet at the Laurel County EOC, 168 Substation St, London. Meetings on odd number months (Jan, Mar, etc.) are 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 tor 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, 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., November 6, 2017\*



The November BARS general meeting was called to order by President [Joseph] Smokey Wallace, KE6IVK, at 7:30pm.

Self-introductions were made by seventeen (17) member licensed amateur radio operators plus one (1) nonlicensed member in attendance, which consisted a quorum. In addition, three(3) licensed nonmember amateur radio operators were present.

Welcome and congratulations were extended to newly licensed **John Frost, KN4HCC**. John is seeking mentor advice for the setup and operation of a new station.

### Members News

The Club received QSL requests for QSO's on May 13th during Military Day, when **John Schlessler, WA9MED**, was operating from the K4KJQ shack.

**Terry Layman, N6OKR**, reported that the International Space Station will be seen orbiting over Lexington at various times during the second half of November (weather permitting). Visit the ISS website for exact times and sky locations. The ISS operates an amateur radio VHF and UHF packet digipeater. Visit the ARRL website for frequency details.

**Bill Fuqua, WA9LAV**, reported that he did not participate in the ARRL Frequency Measurement Test on November 2nd.

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

Treasurer Barnes presented the bills for the shack insurance premium and the post office box rental. **Andrew Cook, KF4OWP**, moved and **David Richardson, W9KHZ**, seconded to approve the payments, which were consented unanimously.

Treasurer **John Barnes, KS4GL**, submitted the summary treasurer's report of amounts available in deposits as of October 31, 2017. (See table at the right). **Andrew Cook, KF4OWP**, moved and **J.B.Young, WA4WWH**, seconded to accept the treasurer's report, which was approved unanimously.

### Committee Announcements

**Hamfest Committee - David Richardson, W9KHZ**: Next year's summer hamfest is tentatively scheduled for



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

## Treasurer's Report

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

### BLUEGRASS AMATEUR RADIO SOCIETY, INC. INCOME, EXPENSES, AND ACCOUNT BALANCES October 31, 2017

|                | Checking<br>Account | Pay Pal<br>Account | Savings<br>Account | Total       |
|----------------|---------------------|--------------------|--------------------|-------------|
| <b>Income:</b> |                     |                    |                    |             |
| ARRL Dues      | 0.00                | 0.00               | 0.00               | 0.00        |
| BARS Dues      | 0.00                | 0.00               | 0.00               | 0.00        |
| 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       | 1.68                | 0.00               | 0.02               | 1.70        |
| Miscellaneous  | 0.00                | 0.00               | 0.00               | 0.00        |
| <b>Total</b>   | <b>1.68</b>         | <b>0.00</b>        | <b>0.02</b>        | <b>1.70</b> |

|                  |               |  |  |               |
|------------------|---------------|--|--|---------------|
| <b>Expenses:</b> |               |  |  |               |
| ARRL Dues        | 0.00          |  |  | 0.00          |
| Coax/Repeaters   | 0.00          |  |  | 0.00          |
| Donations        | 307.60        |  |  | 307.60        |
| 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>307.60</b> |  |  | <b>307.60</b> |

### Account Balances

|                      | September 30, 2017 | October 31, 2017  |
|----------------------|--------------------|-------------------|
| Checking*            | \$12879.95         | \$12674.03        |
| Pay Pal Balance      | \$ 2661.84         | \$ 2661.84        |
| Savings Balance      | \$ 200.41          | \$ 200.43         |
| <b>Total Balance</b> | <b>\$15742.20</b>  | <b>\$15436.30</b> |

### \*Fund Specific Balances (Checking)

|               |                   |                   |
|---------------|-------------------|-------------------|
| General       | \$ 9806.02        | \$ 9500.10        |
| Coax/Repeater | \$ 1164.64        | \$ 1164.64        |
| Education     | \$ 1909.29        | \$ 1909.29        |
| <b>Total</b>  | <b>\$12879.95</b> | <b>\$12574.03</b> |

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



the second Saturday in August, August 11, 2018, at the Eastland Shopping Center Bingo Hall.

**Repeater Committee – Andrew Cook, KF4OWP:** The 146.165 repeater is back in operation. The on-line log is operating for the 146.760 repeater. The club repeater frequencies are presently coordinated [by Southeastern Repeater Association (SERA)] through 2018.

**Volunteer Examinations Committee – Fernie Williams, KE6MEI:** License exams scheduled for Saturday, November 11th.

**Librarian – John Barnes, KS4GL:** New bookcase rearrangements and construction has been completed by **David Richardson, W9KHZ**, **Bill DeVore, N4DIT**, **James Schlessner, WA9MED**, and **Barry Jackson, WB4N**.

**Ad Hoc Bylaws Committee – Andrew Cook, KF4OWP:** No new bylaws proposals or changes will be included with the December election ballots.

#### Old Business

President, **Smokey Wallace, KE6IVK**, reported that two boy scouts, with their adult leader **Scott Swift**, participated in the Jamboree-on-the-Air on October 21st. Each scout made three contacts on high frequency from the K4KJQ shack station.

#### New Business

1. Nominating committee members **Roger Colvin, KJ4YSY**, and **Loretta Colvin** submitted eight (8) names from

the current club membership who were eligible and agreed to run for elected officer positions in 2018. They were:

**Andrew Cook, KF4OWP** – President;

**Bill Fuqua, WA9LAV** – First Vice President;

**James Schlessner, WA9MED** – Second Vice President;

**Bobby Rolph, KB4QNR** – Second Vice President;

**Bruce A. Campbell, KM4EHU** – Secretary;

**John Barnes, KS4GL** – Treasurer;

**Tim Kunkel, KF4MPM** – Director-at-Large;

**David Richardson, W9KHZ** – Director-at-Large.

With no other nominations proposed from the floor by the membership in attendance, the nominations were closed and approved by general consensus.

Ballots will be mailed to all members currently eligible to vote for the 2018 officers. The ballots are due by 7:30pm at the beginning of the general meeting on December 4, 2017.

2. The January, 2018, General Meeting is scheduled for New Year's Day January 1st. **J.B.Young, WA4WWH**, moved and **James Schlessner, WA9MED**, seconded that the meeting date be postponed to the second Monday in January, 2018, on January 8th to avoid the holiday conflict. The motion was approved unanimously.

3. Rental of a bucket truck for tower and antenna maintenance was discussed.

4. A members' auction is planned for the December 4th general meeting during ballot counting.

The next formal BARS scheduled meetings in December, 2017, and January, 2018:

Directors' Meeting: Monday, November 20th, at 7:30pm, in the education center, basement of the Red Cross Bldg.

KY-QRP Meeting: Monday, December 4th, at 7:00pm, in meeting room "B," second floor of the Red Cross Building.

General Meeting: Monday, December 4th, at 7:30pm, in meeting room "B," second floor of the Red Cross Building. Program: Members' auction and election ballot counting.

Directors' Meeting: Monday, December 18th, at 7:30pm, in the education center, basement of the Red Cross Bldg.

KY-QRP Meeting: Monday, January 8th (second Monday), at 7:00pm, in meeting room "B," second floor of the Red Cross Building.

General Meeting: Monday, January 8th (second Monday), at 7:30pm, in meeting room "B," second floor of the Red Cross Building. Program: Winter Field Day.

With no other business at 8:25pm, **J.B.Young, WA4WWH**, moved, and **Andrew Cook, KF4OWP**, seconded that the meeting be adjourned, which was approved unanimously. ♦

## Minutes of the Board of Directors' Meeting, November 20, 2017\*

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

## Looking Back. . . From "Ham News," December 1977

### HR Report

FCC's dropping of Docket 19750, the proposal that the 220 MHz Amateur band provide a home for a new CB service, doesn't mean that the band won't still become the new CB home. It does remove the immediate threat to the band, however, and many opinions have it that the longer the decision on where CB should go is delayed, the less likely 220 becomes as a choice.

Repeater deregulation is being delayed, reported FCC Safety and Special Services Chief Charley Higgenbotham at the SAROC banquet in Hawaii. . . Enough serious questions about some provisions of the Docket 21033 Report and Order were raised by concerned Amateurs -- and particularly the ARRL in its petition for reconsideration -- to justify staying its effective date pending further review. Charley expects the Commission to move quickly in its reconsideration, probably before the year's end.

Individual secondary station licenses will be on their way out when the Commission announces a decision on Docket 21135, but military recreation, club, and RACES station licenses will be continued. (Good news for K4KJQ!!! ed.) Charley also predicted that by sometime next year we'll no longer need to change call signs when moving from one call area to another. Call areas will continue, but having a prefix corresponding to your call area will become optional. He also predicted a "lifetime" Amateur license will be adopted, as the Commission moves toward a "one call sign/one set of privileges" Amateur licensing concept. In addition he expects we'll soon be able to claim credit for "elements passed" in an Amateur license exam -- take the whole test even if you fail the CW, then return for only the failed portion next time.

Autopatch abuses. . . continue to jeopardize interconnects for the Amateur Service. . . if we don't clean up our act we'll end up with formal Commission proceedings that will severely curtail, if not eliminate, Amateur ability to tie into the phone system.

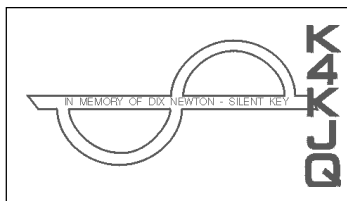
\*\*\*\*\*

### ANNUAL CHRISTMAS DINNER

As most members know, the BgARS sort of a peace offering to the all year long. They usually turn fully this year's event will be

This year the dinner will be held Room), 208 New Circle Road NW Sat-7:00 PM. The cost will be \$6.00 per

The meal will be a buffet con-



has a Christmas dinner each year as XYL's who put up with our craziness out to be very enjoyable and hope-better attended than last year's. at the Catalina Steakery (El Toro urday, December 17th. It will begin at person. This includes the tax and tip. sisting of:

Three meats -- Beef, Chicken, and Ham / Three vegetables -- Mashed potatoes, green beans, and corn / Salad Bar -- plus extra salads / Beer Cheese, etc. / Dessert Bar -- Cobbler, pie, and cake / Coffee or tea -- Drinks may be purchased at the bar.

Please make reservations by calling 299-1679 (Cathy Prenetta). Also please be prepared to pay your money at the December meeting or make arrangements to get the money to Cathy. This was necessitated by the number of no-shows last year causing the club to take up the slack.

\*\*\*\*\*

### THE PRESIDENT SPEAKS

What else can one say about the turnout for our last meeting but "FANTASTIC!!!" We can all say thanks and congratulations to our new PR chairperson, Cathy Prenetta, WA4EAG. Cathy had some big shoes to fill and has done so very well. Of the 69 in attendance, 12 were there because of the notice in the local paper. "Fantastic," and thanks Cathy. Thanks also to Mike, WA4UQA and Pat, WA4UOI for an interesting presentation on TTL.

Our club has many things going now. Now we need many members going. The code practice on Tuesday and Friday evenings is picking up listeners.

We have not forgotten our "Foxhunt" though we have been set back on this project. Our emergency preparedness call-up is complete and ready for distribution. Program presentation volunteers are stepping up to be counted. The shack downstairs is still a go for us. The antenna system materials collection is about complete. With all this plus Novice/General classes, the Hamfest, Field Day, and the Mall demo, we are going to be busy and active. Stand up and be counted, help make 1978 a year of much success for BGARC and K4KJQ.

At our last meeting we all learned together that Dave, WA4HTM has finally found employment (work) and will be leaving soon for another world (Chicago). Dave is one of our hardest working members. His way has sometimes annoyed us, but they were effective. We at BGARC are going to miss Dave, especially in our Novice program. Dave's relationship with Novices is unequalled. He was always ready for any call I made of him. We in Central Kentucky wish you all the success you desire in your newest adventure. Thanks Dave for all of BGARC.

We'll see everyone in December, and if you can, bring a friend. Our program will be on microprocessing and be given by John Bottoms, WB9GVO. John joined our club at the last meeting. That's really getting involved and active.

Sam, WA4KKV

# 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 ..... 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@arrrl.net)  
Volunteer Examinations ..... Fernie Williams/KE4MAI (859-652-3393) (ke4mai@arrrl.net)

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

Historian ..... Bill DeVore/N4DIT (859) 273-8345 (billdit@twc.com)  
KY-QRP Group ..... Need moderator  
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@arrrl.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.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 December 2017



- Sat 2 **Shack open** 9:00-Noon; **Radio Theory and Construction Workshop**, 1:00-3:00 PM, basement, Red Cross Bldg, 1450 Newtown Pike.
- Sun 3 **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 4 KY-QRP meeting**, 7:00 PM, Meeting Room "B," Red Cross Bldg, 1450 Newtown Pike, Lexington.
- Mon 4 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).
- Tue 5 **Amateur Swap Net** 145.370 (T-192.8) 8:00 PM; **"Casual Communicators Net,"** 9:00 PM Eastern, 443.325+ MHz.
- Wed 6 **Six Shooters Net**, 8:00 PM on 52.525 MHz FM (vertically polarized); **Fayette County ARES Net, 9:00 PM, 146.760 repeater.**
- Thu 7 **Meeting of Bluegrass ARS Technical Group**, 6:30 PM, Education Ctr, basement, Red Cross Building, 1450 Newtown Pike, Lexington; **Ragchew Net**, 7:30 PM, 146.760 Repeater, Malcolm/KY4MJW net control.
- Sat 9 **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**, 10:00 AM, ARRL, Liaison **Ron Malinowski/WX4GPS**, wx4gps@arrrl.net, 502-542-8252
- Sun 10 **Amateur Television & Specialized Communications Net**, 9:00 PM (146.760 Repeater); District 11 Skywarn Net, 8:00 PM, 146.925 (PL-79.7) linked to 147.180 (PL-74.4).
- Mon 11 **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 12 **Amateur Swap Net** 145.370 (T-192.8) 8:00 PM; **"Casual Communicators Net,"** 9:00 PM Eastern, 443.325+ MHz. **License Exam Session**, 7:00 PM, WCARS, Liaison **Margueritte Williams/KE4MAJ**, ke4maj@arrrl.net, 859-489-6274 ([www.bluegrassars.org](http://www.bluegrassars.org))
- Wed 13 **Six Shooters Net**, 8:00 PM on 52.525 MHz FM (vertically polarized); **Fayette County ARES Net, 9:00 PM, 146.760 repeater.**
- Thu 14 **Meeting of Bluegrass ARS Technical Group**, 6:30 PM, Education Ctr, basement, Red Cross Building, 1450 Newtown Pike, Lexington; **Ragchew Net**, 7:30 PM, 145.490 Repeater, Malcolm/KY4MJW net control.
- Sat 16 **Shack open** 9:00-Noon; **Radio Theory and Construction Workshop**, 1:00-3:00 PM, basement, Red Cross Bldg, 1450 Newtown Pike.
- Sun 17 **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 18 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).
- Tue 19 **Amateur Swap Net** 145.370 (T-192.8) 8:00 PM; **"Casual Communicators Net,"** 9:00 PM Eastern, 443.325+ MHz.
- Wed 20 **Six Shooters Net**, 8:00 PM on 52.525 MHz FM (vertically polarized); **Fayette County ARES Net, 9:00 PM, 146.760 repeater.**
- Thu 21 **Meeting of Bluegrass ARS Technical Group**, 6:30 PM, Education Ctr, basement, Red Cross Building, 1450 Newtown Pike, Lexington; **Ragchew Net**, 7:30 PM, 145.490 Repeater, Malcolm/KY4MJW net control.
- Sat 23 **Shack open** 9:00-Noon; **Radio Theory and Construction Workshop**, 1:00-3:00 PM, basement, Red Cross Bldg, 1450 Newtown Pike.
- Sun 24 **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 25 District 11 ARES Net** 9:00 PM 146.925 (PL-79.7) linked to 147.180 (PL-74.4).
- Tue 26 **Amateur Swap Net**, 145.370 (T-192.8) 8:00 PM; **"Casual Communicators Net,"** 9:00 PM Eastern, 443.325+ MHz.
- Wed 27 **Six Shooters Net**, 8:00 PM on 52.525 MHz FM (vertically polarized); **Fayette County ARES Net, 9:00 PM, 146.760 repeater.**
- Thu 28 **Meeting of Bluegrass ARS Technical Group**, 6:30 PM, Education Ctr, basement, Red Cross Building, 1450 Newtown Pike, Lexington; **Ragchew Net**, 7:30 PM, 145.490 Repeater, Malcolm/KY4MJW net control.
- Sat 30 **Shack open** 9:00-Noon; **Radio Theory and Construction Workshop**, 1:00-3:00 PM, basement, Red Cross Bldg, 1450 Newtown Pike.
- Sun 31 **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).