



ARRL Standard



Pray for our  
Troops



God Bless America!

# QUA/HAMnews

MAY  
2020

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Bluegrass Amateur Radio Society, Inc.  
P.O. Box 4411, Lexington, Kentucky 40544-4411  
Club Station K4KJQ  
MARS Station AAV4CAB

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

K4KJQ  
146.160/.760

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

WA4HBM  
147.765/.165

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

## QUICKY NOTES

Accessing the Club's web page: <<http://www.BluegrassARS.org>>.

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 MAY MEETING HAS BEEN CANCELED.**

Below you will find the Club's Ebay account for the sale of the surplus equipment. Copy the URL into your browser and take a look at the items we have up for auction.

<https://www.ebay.com/sch/bluegrassars/m.html>

QUA/HAMnews

May 2020

**Meeting Notice**

Bart Breeding/KB4FEE,  
Chair, Newsletter Committee  
Bluegrass ARS, Lexington, Kentucky

The general meeting of the Bluegrass Amateur Radio Society, Inc., schedule for Monday, May 4th, 2020, has been cancelled.

Do you have a topic you would like a program on or a program you would like to present? Do you have a home brewed 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 currently closed due to the Covid-19. Bluegrass Amateur Radio Society's ham shack is located in the basement of the Red Cross building at 1450 Newtown Pike Lexington, KY 40511. Entrance is down the steps (look for the BARS banner hung on the railing) at the North Side of the building.

**Fayette County ARES Coordinator - Sandy Gragg**

The Fayette County ARES net has resumed. Remember the Fayette County ARES net every Tuesday at 8:30 pm on the 146.94 repeater. We are looking for more folks that would help share in the net control. If you would like to Help, contact Sandy KM4PJU, at 859-699-0035

**NEW MEMBERS**

No new members

**A new net has started, Wednesday evening at 8 pm and Saturday mornings at 9 am. This is a raw chew net and open for all amateurs. The is located on the 146.760 repeater. There is no PL tone. See you on the net.**

Come join in with your friends on the:

**KY-QRP NET**

Tuesday evening at 8 pm  
on the 146.760 repeater, negative offset and no PL tone

The Technician License Class is temporary cancelled due to the Covid -19 virus.

# REMINDERS

Over the last year or so, we have had difficulty contacting members. It is the responsibility of each member to update their contact information, phone, address, email or updated license and call sign information. Please contact the treasurer and update your information.

The best way to do this is to give the treasurer a written note with your updated information.

The annual dues run during a calendar year, January to December. If you join during the year, the dues are pro rated based upon when you join. Also, dues are \$20.00 per year, with a 60-day grace period ending on the last day of February. If you pay for multiple years, you get a discount:

2yrs. is \$38

3 yrs. is \$55

Come join in with your friends on the:

**KY-QRP NET**

Tuesday evening at 8 pm  
on the 146.760 repeater, negative  
offset and no PL tone

**Fayette County ARES**

**Coordinator - Sandy Gragg**

The Fayette County ARES net has resumed. Remember the Fayette County ARES net every Tuesday at 8:30 pm on the 146.94 repeater.

**We are looking for more folks that would help share in the net control. If you would like to Help, contact Sandy KM4PJU, at 859-699-0035**

If you have a TNC or a software TNC hooked up to a 2m transceiver, please contact Dave Richardson W9KHZ. We need your help testing the club's K4KJQ BBS on 144.39MHZ.  
thanks  
Jeff

New Rag chew net on Wednesday evening at 8:00 pm and on Saturday morning at 9 am. The net is located on the 146.760 repeater with a negative offset and no PL tone.

**SEE YOU THERE!!!**

## ANNOUNCEMENT

**THE BLUEGRASS AMATEUR RADIO SOCIETY, INC., is currently accepting applications/nominations to fill the unexpired term for Treasurer. This term will end with the election in December 2020 for club officers. Please review the current bylaws for qualifications requirements.**

**If you would like to apply for this position or you would like to nominate a person for this position. Please contact Sandy Gragg.**

**About all I can say for the United States Senate is that it opens with a prayer and closes with an investigation.**

**--Will Rogers**

## BARS E-BAY SALES AND AUCTION SALES OF SURPLUSSED EQUIPMENT

The BARS Board of Directors has adopted a method for the disposal of all items in our donated equipment inventory through the transfer of ownership by making them available for purchase by open public auctions and sales. We have determined that it is to the optimum benefit of BARS that we try to obtain the maximum amount for each item, or related sets of items, by accepting only the highest value received through as fair, and as equitable, and as impartial a public process as reasonably possible. In this way we endeavor to eliminate any impressions of advantage or disadvantage to anyone or group wishing to obtain by purchase any item or items.

Our process in operation now is to periodically, and more-or-less continuously, move a somewhat small and easily manageable group of equipments, selected to some extent at random, from a storage facility to the BARS room at the Red Cross Building. At the BARS room, the equipment is basically evaluated (maybe even "smoke" tested) to determine a reasonably accurate and reliable description of its condition. Any equipments that we envision may be of utility to the Club are retained for use in the shack or the shop. Those items that are marked for sale through E-Bay are weighed and photographed, and then researched in an effort to determine their histories and current comparative values. After that, the equipment's descriptive file, including our asked and reserve price, is up-loaded to the E-Bay sales website under our "Bluegrassars" account to make our intentions universally known that the equipment is publically available by timed auction or instant fixed-price purchase. In this way we are trying to keep up a simple uninterrupted cycle of listings, purchases, and shipments which will eventually deplete our inventory of donated and surplus items and eliminate our need and the expense for a rented storage facility.

The current (and previous) BARS Bylaws in its Preamble is specific in its intention that "*No part of the resources, and/or property, and /or net earnings of the corporation, if any, shall inure to the individual benefit of, or be distributed to, any of its members, trustees, directors, officers, or other private persons...*". In order to insure our own compliance with our own rules, no offers for purchase of any Club owned items will be considered that are not conducted in an open public venue or setting by the methods currently adopted by BARS. This prevents any perception of preference to any purchaser, including Club members, and provides an element of assurance that the Club realizes a monetary amount that was determined by as fair a market demand value attainable at the time of the sale. We generally consider this approach is of the overall advantage to BARS, its members, as well as any others involved in these types of financial transactions with the Club. In addition, the Club has established a reputation through E-Bay of reliable and highly-rated service which has allowed us to increase our listings due to our so-far proven credibility. The Club intends to maintain this commendable level of association with E-Bay as our outlet for sales of our major surplus'd electronics equipment.

There is a prior knowledge of the items that will be coming to sale by some of the Club members who assist and help with the moving from the storage unit to the BARS room. During the interim period between transporting, preparation, and posting for sale on E-Bay, the items are normally "on display" in the BARS room except for those of exceptional condition and value that are securely stored away to prevent damage or theft. Also, once an item is posted on E-Bay and before its final sale, it is available by appointment for a hands-on, non-destructive, inspection by anyone interested in attaining the item only through the E-Bay venue. The E-Bay sale amount transaction includes the final accepted item price, plus applicable sales tax and estimated shipping costs based on weight and method, that will all be paid by the buyer. The Club receives a net amount after E-Bay listing fees and financial transaction fees are deducted. The difference between the E-Bay assessed and the Club's actual shipping costs are subsequently reconciled by BARS. A local or nearby buyer can forego the E-Bay determined shipping costs by opting for a local in-person pick-up arrangement scheduled at the BARS room with proper purchase confirmation paperwork.

Minor items and equipments that have been judged and determined to be of relatively low nominal value and demand and that probably will not be successfully sold on E-Bay, have been set aside for simpler disposal but still by fair public sales methods. Various assortments of the Club's recently attained donated and then surplus'd items have been sold at the silent auctions conducted at our Hamfests in 2019 and 2018, where the Club deducted the applicable sales tax from the winning bid price rather than add the sales tax on to the buyers cost. A pleasant situation occurred recently when one, if not two, hamfest attendees offered a one-price, take-it-or-leave-it-right-now, amount for some equipment before the close of the silent auction. We could not in good conscience change the rules in fairness to those who had and would be actively bidding on the same item(s). The prospective purchaser was encouraged to place his bid on the auction sheet (with a contact number) as others had, and then see how the offers proceeded. At the end of the auction, the winning bid was from the "one-price" buyer whose unbeaten offer was less than the on-the-spot price he originally proposed. Should BARS have held him to his first bargain? The Club retained its honor and reputation, and our patron retained the difference in his wallet.

The decision of the Board of Directors to respectfully not accept offers for privately arranged purchases of BARS property reflects our position to consider the best interests of BARS and its members and other stakeholders who rely on the Club as an organization to operate with the knowledge of all concerned constituents in an open and visible, even if less than an expedient and seemingly unaccommodating, unbiased and objective manner.



**The Board of Directors have decided that the Ernie Farmer Award would be suspended for the year of 2020. This is due to limited activity and contact with the public and other Amateur Radio operators.**



## Emergency Communications Driving Increase in Amateur Radio Operators..

Hams standing by and ready to help during disasters or other events.

BY JAMES CARELESS / APRIL 11, 2017

<https://www.govtech.com/em/disaster/Emergency-Communications-Driving-Increase-in-Amateur-Radio-Operators.html>



More Americans than ever have been licensed by the Federal Communications Commission as amateur radio operators, and those in the know say that emergency communications is driving their passion to be “hams.” “There has been a tremendous amount of interest in emergency preparedness since 9/11 and Katrina, and this is true for the amateur radio community as well,” said Mike Corey, the emergency preparedness manager for the American Radio Relay League (ARRL). “Emergency communications is a gateway into amateur radio, and many join our ranks through an interest in being better prepared themselves and as a way to serve their community.”

“This is the third year in a row that the total number of new licenses has exceeded 30,000,” said ARRL Volunteer Examiner Coordinator Manager Maria Somma last year. She said 32,552 were granted in 2016, 32,077 in 2015, and 33,241 in 2014. Total active FCC-issued ham radio licenses hit an all-time high of 743,003 in November 2016.

The public’s growing interest in amateur radio for emergency communications is a legacy of 9/11, when Americans saw their cellular telephone networks become overwhelmed by excess traffic and system outages. When regular phone service fails, amateur radio operators fill the communications gap with their independent transceivers and battery power backups.

“I think we have experienced an uptick in new licenses due to the emergency capabilities of ham radio,” said Jack Ciaccia, ARRL Colorado section manager. “Interest really peaks after a large-scale event where ham radio has been utilized.”

(continued on page 10)

## Schedule for Volunteer Examinations in 2019-20

Harry Spark/KN4S,\*  
Bluegrass Volunteer Examiners  
[kn4s@kn4s.com](mailto:kn4s@kn4s.com)

The exam schedule for 2019 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	Clark County EOC	Amer Legion Post 46	Georgetown Police Dept
1450 Newtown Pike	200 Maryland Ave	45 Spears Lane	550 Bourbon Street
Lexington KY 40509	Winchester KY 40391	Danville KY 40422	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@arrl.net](mailto:ke4mai@arrl.net), 859-652-3393  
([www.bluegrassars.org](http://www.bluegrassars.org))  
Danville - Liaison **John Wulf/K4FT**, [johnk4ft@gmail.com](mailto:johnk4ft@gmail.com), 563-505-0339, Wilderness Road ARC, <http://www.wrarc.com>  
Georgetown - Liaison **Ron Malinowski/WX4GPS**, [wx4gps@arrl.net](mailto:wx4gps@arrl.net), 502-542-8252  
WCARS VEC: Lexington - Liaison **Marguerite Williams/KE4MAJ**, [ke4maj@arrl.net](mailto:ke4maj@arrl.net), 859-489-6274 ([www.bluegrassars.org](http://www.bluegrassars.org))  
W5YI VEC: Winchester - Liaison **Darrell Epperson/AC4YD**, [AC4YD@arrl.net](mailto:AC4YD@arrl.net), 859-771-1834

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

Date and Time

VEC

Location

**Currently no testing is scheduled due to the Covid-19. As soon as test sessions are known, we will update our list.**

**Please find below the link to the Club's Ebay Account. Copy it into your browser and check out the items the club has up for auction.**

**<https://www.ebay.com/sch/bluegrassars/m.html>**



## Remotely Administered Amateur Exam Systems Showing Promise

Facing a growing demand for amateur radio exam sessions in a time of social distancing and stay-at-home orders, sponsors of some Volunteer Examiner (VE) teams have risen to the challenge and are developing systems to remotely proctor test sessions.

"Many of our VEs and VE Teams have been working on remotely proctored exam session ideas, employing both video and in-person components — following social distancing protocols," ARRL Volunteer Examiner Coordinator (VEC) Manager Maria Somma, AB1FM, said. "We have been receiving interesting and innovative suggestions, and we appreciate the dedication and ingenuity our examiners have shown."

The [Spalding County Amateur Radio Club](#) in Georgia is among those that have come up with plans to remotely administer amateur exams while complying with ARRL VEC testing standards during COVID19- stay-home mandates and social distancing guidelines. Current systems leverage Zoom video-teleconferencing technology, the "Fill & Sign" feature of Adobe PDFs, reliable email, appropriate computer equipment and internet connection, and no volunteer examiners (VEs) present at individual remote test sites. The Georgia club collaborated and shared ideas with the Emergency Amateur Radio Club (EARC) in Hawaii, which has successfully conducted sessions since 2011 with its own remote testing system, initially with paper exams with a proctor on site and now with fillable PDFs, with no on-site proctor.

The Georgia club obtained ARRL VEC approval to administer video-supervised exams. The club's David Robinson, K4WVZ, said the first exam session took place this week, with another set for next week, and "many more in the pipeline" going forward.

"We have started with testing just one candidate at a time but are planning to ramp up to multiple candidates — probably two or three — simultaneously," Robinson told ARRL. "Before we do that, we want a few more single sessions under our belt and a few more Video VEs trained. It also gives us an opportunity to garner lessons learned from each test session and upgrade our procedures accordingly." Robinson said this week's session went "exceedingly well," and the candidate passed the test.

The club's procedures entail a pre-exam video interview with candidates to ensure they understand all the requirements and procedures. "This also allows us to test the candidate's ability to work with the video and computer technology before the actual exam," Robinson explained. "Training sessions were conducted for VEs to make sure they understood their role and how to use the technology."

Following the exam, the VEs score the test and sign off on the paperwork, with the VE Team Leader submitting the application online and by mail, per ARRL VEC instructions. Application and successful exam are first accepted and then submitted to the FCC for processing.

New England Amateur Radio Inc ([NE1AR](#)), an affiliate of New England Sci-Tech, ([NESciTech](#)), has taken it one step further, Somma said. It got the approval of ARRL VEC to begin trials of what it describes as "completely online testing with strict rules and protocols for maintaining the integrity of the testing environment." NE1AR is limiting candidates to one exam per candidate, due to the current candidate backlog and the "difficulty of administering exams online." Candidates must agree to a list of protocols, which include no visitors (or pets) in the exam room and a cell-phone camera scan of the entire room and exam area "to show that there are no materials or people [in the room] that could aid in taking the exam." If the VE team suspects the possibility of cheating, the exam may be terminated and the candidate barred from future online exam sessions.

"We began a series of trials on April 1 under ARRL VEC review and have now been asked to help train more VE Teams on the process," NE1AR President Bob Phinney, K5TEC, told ARRL. "We have now tested 12 applicants and are still working on streamlining the process. We are working with the software developer of the exam delivery system to help them adapt the system for video-supervised testing." At present, Phinney said, only one person at a time can be tested. Another time-related issue is how long it takes a candidate to go through the NE1AR security protocol. "Sometimes, the setup and follow-up for an exam take far longer than the exam itself, in order that we provide complete integrity of the exam session," he said.

With pressure continuing to build to provide testing compatible with COVID-19 guidelines and stay-home orders, ARRL VEC Manager Maria Somma, AB1FM, has asked the amateur radio community to be patient. "Please remember that with the introduction of significant new processes such as these, that there should be proof of concept, establishment of protocols and procedures, and beta testing, before expanding to a larger audience," she said this week. Somma said video-supervised exam sessions require a different skillset than in-person exam administration, and not all teams will be equipped to deliver video exams right away.

"ARRL is pleased to be one of the leaders in providing an opportunity, although limited initially, for video-supervised exams in this time of social distancing and isolation required by the current health situation," Somma said.

<http://www.arrl.org/news/remotely-administered-amateur-exam-systems-showing-promise>

Bluegrass Amateur Radio Society (BARS)  
Open Directors' Meeting Report of March 16, 2020  
Red Cross Building, Lexington, Ky.

The March, 2020, BARS Open Directors' Meeting was postponed due to health related precautions in response to disease control measures associated with the current COVID-19 virus situation.

The BARS Open Directors' Meetings are expected to resume in the future on their regular schedule of the third Monday of each month when the recommended restrictions on group gatherings are ended and the Red Cross Building is again available for BARS functions.

Reported and submitted by:

Bruce A. Campbell, KM4EHU  
Secretary

Bluegrass Amateur Radio Society (BARS)  
Open General Meeting Report of April 6, 2020  
Red Cross Building, Lexington, Ky.

The April, 2020, BARS Open General Meeting was postponed due to health related precautions in response to disease control measures associated with the current COVID-19 virus situation.

The BARS Open General Meetings are expected to resume in the future on their regular schedule of the first Monday of each month when the recommended restrictions on group gatherings are ended and the Red Cross Building is again available for BARS functions.

Reported and submitted by:

Bruce A. Campbell, KM4EHU  
Secretary

**(continued from page 6, Emergency Communications)**

Amateur radio operators played a substantial role in restoring vital communications links in the wake of 9/11, hurricanes, tornadoes and other major disasters that have affected the United States. They assist in directing first responders to victims, providing real-time situational updates from the disaster scene to emergency management agencies, and offering victims a way to contact their families and friends when normal communications channels have failed.

"Generally, amateur radio operators assist other organizations and agencies by adding communications capacity when normal means of communications are down or overloaded," Corey said. "Amateurs work with local emergency management, first responders, hospitals, National Weather Service, National Hurricane Center and VOADs [Voluntary Organizations Active in Disasters] and the Red Cross and Salvation Army. Many also use amateur radio as part of their own family communications plan and use the skills they learn as amateurs to assist neighbors during emergencies and disasters."

Walt Palmer is a licensed ham radio operator, and also director of broadcast operations, engineering and programming at NewsRadio WGMD 92.7 FM in Rehoboth Beach, Del. "Through an arrangement with our local EOC, I have a 2-meter ham radio set and antenna at my desk, which can be patched into our FM transmitter during emergencies," he said. "If regular communications fail, the EOC can put the mayor or one of their officials on the 2-meter band, and I can rebroadcast it via our FM channel to our entire coverage area."

Emergency managers have taken note the usefulness of amateur radio operators during manmade and natural disasters — and many have ongoing relationships with their local ham communities. This includes assigning amateur radio operators specific roles within each agency's emergency response plan, and even setting space aside for hams in their EOCs.

For many years, ARRL has created special Amateur Radio Emergency Service (ARES) units to assist during times of crisis. Each ARES unit "consists of licensed amateurs who have voluntarily registered their qualifications and equipment with their local ARES leadership for communications duty in the public service when disaster strikes," according to the ARRL website. ARES members are trained to work with local emergency management; to have their own food, sleeping equipment and other supplies to survive during emergency situations away from home; and to have pre-planned for their families' well-being during the ARES team member's absence.

"In most cases, the amateur radio response to an emergency or disaster is handled by local ARES teams," said Corey. "However, in the case of large-scale disasters such as a large hurricane or earthquake, ARRL headquarters will assist local and state ARES teams with equipment, media support, regulatory guidance and coordination with national partners."

"Most of our ARES teams around the country partner with local and state emergency management," he added. "In most cases this relationship also allows for closer work with other local response groups such as public safety, hospitals and local VOADs."

This is certainly the case in Colorado. In 2016, the state Legislature officially designated qualified hams as members of Colorado's new Auxiliary Emergency Communications Unit, under the authority of the state's Division of Homeland Security and Emergency Management, in the Department of Public Safety.

As a result of this new law, Colorado ARES teams are now part of their state's emergency management team, with their own roles with their state's emergency management plans and facilities.

"In many EOCs, including the Colorado EOC, ARES has its own space with its own permanently installed radio gear and antenna installations," Ciaccia said. "In Boulder, they also maintain a cache of portable equipment that can be deployed as soon as manpower is available. This way, they never have to worry about obtaining anyone's personal gear for use in an emergency."

**(continued on page 11)**

**(continued from 10, Emergency Communication)**

It is worth noting that hams also aid emergency managers in less dire situations. For instance, “throughout the United States, amateurs assist the National Weather Service’s SKYWARN program in providing ground truth reports during severe weather events,” Corey said. All told, the growing number of amateur radio operators in the U.S. are self-funding, fully equipped communicators, many of whom want to support local emergency managers and first responders any way they can.

“We have worked extremely hard over the years to become useful and professional with our assistance to our community OEMs and EOCs,” Ciaccia said. “The major capability that hams bring to emergency management is our varied modes and frequencies: We can usually make a communications path when others do not exist. Because of those two important and valuable commodities that are usually not available to public service entities, we are an important asset to local authorities in times of need.”

<https://www.govtech.com/em/disaster/Emergency-Communications-Driving-Increase-in-Amateur-Radio-Operators.html>





BLUEGRASS AMATEUR RADIO SOCIETY, INC.  
 RECEIPTS, DISBURSEMENT EXPENSES, AND ACCOUNT BALANCES  
 February 1, 2020 - February 29, 2020

	Cash Not Deposited	Checks Not Deposited	On Behalf of In-Kind	Bank Checking Account	PayPal PayPal Account	Bank PayPal Account	Bank Savings Account	Total
<b>RECEIPTS:</b>								
ARRL Dues				\$ -	\$ -	\$ -	\$ -	\$ -
BARIS Dues		\$ 20.00		\$ 83.00	\$ -	\$ -	\$ -	\$ 83.00
Donations, general cash/check/paypal				\$ 10.00	\$ -	\$ -	\$ -	\$ 10.00
Donations, conversions(gross) ebay				\$ -	\$ 2,927.38	\$ -	\$ -	\$ 2,927.38
Donations, conversions other auctions(net)				\$ -	\$ -	\$ -	\$ -	\$ -
Sales Tax direct collected				\$ -	\$ -	\$ -	\$ -	\$ -
Donations, designated: Coax/Repeater(1)				\$ -	\$ -	\$ -	\$ -	\$ -
Education(1)				\$ -	\$ -	\$ -	\$ -	\$ -
BARIS-Red Cross Match	\$ 20.00			\$ -	\$ -	\$ -	\$ -	\$ -
Others			\$ 42.34	\$ -	\$ -	\$ -	\$ -	\$ -
Hamfest (gross proceeds)				\$ -	\$ -	\$ -	\$ -	\$ -
Interest				\$ 0.85	\$ -	\$ -	\$ 0.02	\$ 0.87
Miscellaneous				\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total</b>	<b>\$ 20.00</b>	<b>\$ 20.00</b>	<b>\$ 42.34</b>	<b>\$ 93.85</b>	<b>\$ 2,927.38</b>	<b>\$ -</b>	<b>\$ 0.02</b>	<b>\$ 3,021.15</b>
				(9)				
<b>DISBURSEMENT EXPENSES:</b>								
ARRL Dues				\$ -	\$ -	\$ -	\$ -	\$ -
BARIS Room				\$ 175.00	\$ -	\$ -	\$ -	\$ 175.00
Coax/Repeaters(1)				\$ -	\$ -	\$ -	\$ -	\$ -
Donations by BARIS, direct cash				\$ -	\$ -	\$ -	\$ -	\$ -
Donations, ebay conversion costs incurred (net of)				\$ -	\$ 850.49	\$ -	\$ -	\$ 850.49
Storage Unit Rental				\$ 338.00	\$ -	\$ -	\$ -	\$ 338.00
Packing				\$ 101.55	\$ -	\$ -	\$ -	\$ 101.55
Miscellaneous				\$ -	\$ -	\$ -	\$ -	\$ -
Education(1)			(8)	\$ 261.98	\$ -	\$ -	\$ -	\$ 261.98
Election				\$ -	\$ -	\$ -	\$ -	\$ -
Shack/Shop Equipment				\$ -	\$ -	\$ -	\$ -	\$ -
Field Day				\$ -	\$ -	\$ -	\$ -	\$ -
Hamfest				\$ -	\$ -	\$ -	\$ -	\$ -
Insurance				\$ -	\$ -	\$ -	\$ -	\$ -
Miscellaneous/postage stamps/etc.				\$ 12.65	\$ -	\$ -	\$ -	\$ 12.65
Newsletter/media			\$ 42.34	\$ -	\$ -	\$ -	\$ -	\$ -
PayPal Fees, other than ebay				\$ -	\$ -	\$ -	\$ -	\$ -
Picnic				\$ -	\$ -	\$ -	\$ -	\$ -
P O Box				\$ -	\$ -	\$ -	\$ -	\$ -
Sales Tax, Direct Paid				\$ -	\$ -	\$ -	\$ -	\$ -
Telephone				\$ -	\$ -	\$ -	\$ -	\$ -
<b>Total</b>			<b>\$ 42.34</b>	<b>\$ 889.13</b>	<b>\$ 850.49</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ 1,739.62</b>
				(16)				
<b>Net</b>			<b>\$ -</b>	<b>\$ (795.28)</b>	<b>\$ 2,076.89</b>	<b>\$ -</b>	<b>\$ 0.02</b>	<b>\$ 1,281.63</b>
				(7)	(4)		(5)	(6)

	Beginning Feb. 1, 2020	Ending Feb. 29, 2020			diff. reconcile
Cash (not deposited)	\$ -	\$ 20.00			\$ 24.00 cks1131; jan.06,'20; ky horse pik winter field day
Checks (not deposited)	\$ -	\$ 20.00			+ \$ 60.00 cks1132; jan. 29,'20; flcug pk & rec summer field day
					\$ 84.00 <
<b>ACCOUNT STATEMENT BALANCES</b>			<b>activity-account</b>		<b>diff. cross-check</b>
Bank Checking (1)	\$ 11,185.15	> \$ 10,305.87	(3) \$ (879.28)	→	\$ (795.28) (2)
Bank PayPal	\$ 6,264.82	\$ 6,264.82	\$ -		\$ (879.28) (3)
Bank Savings	\$ 201.34	\$ 201.34	(5) \$ 0.02		\$ 84.00 <
PayPal PayPal	\$ 7,313.27	\$ 9,390.16	(4) \$ 2,076.89		
<b>Total</b>	<b>\$ 24,964.58</b>	<b>\$ 26,162.71</b>	<b>(7) \$ 1,197.63</b>	→	<b>\$ 1,281.63 (6)</b>
					<b>\$ 1,197.63 (7)</b>
					<b>\$ 84.00 &lt;</b>
(1) Fund-specific balances in Bank Checking Account					
General	\$ 8,711.17	\$ 8,093.82	(11) \$ (617.35)	→	\$ 93.85 (9)
Coax/Repeater	\$ 824.98	\$ 824.98			\$ 889.13 (10)
Education	\$ 1,649.00	\$ 1,387.07	(8) \$ (261.93)		\$ (795.28) (2)
Bank Checking	\$ 11,185.15	> \$ 10,305.87	(3) \$ (879.28)	→	\$ 261.93 (8)
					\$ (533.35)
					\$ 84.00 <
					\$ (617.35) (11)

BARS BANKING INC.									
receipts, routine					disbursement expenses				
date	amount	acct. desc	from	memo	date	amount	check#	to	memo
1/4/2020	\$ 20.00	dues	hagen, n/kch		2/4/2020				
1/4/2020	\$ 1.00	dues	hagen, kthru, family		2/4/2020	\$ 12.45	3134	john barnes	reimburse for ebay storage unit february rental
1/5/2020	\$ 0.03	interest	central bank savings	statement	2/5/2020	\$ 42.34	3134	john barnes	reimburse for postage stamps (net amount?)
1/5/2020	\$ 42.34	donation	breeding, white	goldaddy	2/5/2020	\$ 175.00	3136	john barnes	breeding donation for webpage*
1/17/2020	\$ 20.00	april donation	weaver, n/tp	251801	2/5/2020			john barnes	direct payment for bars room plumbing repair
1/18/2020	\$ 20.00	dues	feiler, n/tp	251802	2/17/2020	\$ 261.93	3135	bill flanagan	reimburse for tech license study books
1/27/2020	\$ 1.00	dues	devore, n/kch, family	251803	2/17/2020	\$ 181.55	3135	bill flanagan	reimburse for ebay packaging
2/27/2020	\$ 20.00	dues	devore for murray, n/kch	251809	2/17/2020	\$ 188.00	3137	comrade industries	direct pymt for ebay storage unit march rental
2/27/2020	\$ 1.00	dues	devore for murray, kthru, family	251803		\$ 933.47			
2/27/2020	\$ 20.00	dues	devore, for murray, kthru	251809					
2/27/2020	\$ 10.00	donation	hagen, n/kch	251803					
2/27/2020	\$ 20.00	dues	hagen, kthru	251804					
2/28/2020	\$ 0.85	interest	central bank, checking	statement					
	\$ 178.21								
	\$ 101.00	dues							
	\$ 52.34	donations							
	\$ 20.00	april donation	held for red cross match						
	\$ 0.87	interest							
	\$ 178.21								

## Program Schedule for 2020

David Richardson/W9KHZ, Chair, Program Committee  
Bluegrass ARS, Lexington, Kentucky

The following programs are scheduled for 2020. Your input and suggestions for programs for 2020 are needed. Call David Richardson, W9KHZ at 859-983-1380 or e-mail at daveinlex3@gmail.com/.

Month	Topic	Presenter(s)	Comments
✓ January	"Winter Field Day" January 25-26, 2020	David Richardson/W9KHZ	
✓ February	FT8 Digital Mode	Chris Gay	
✓ March	SkyWarn National Weather Service, Joe Sullivan, Louisville, KY		start time is 7 pm
✓ April	<b>CANCELLED DUE COVID -19</b>		
May	<b>CANCELLED DUE COVID-19</b>		
June	"ARRL Field Day" June 20-21, 2020	David Richardson/W9KHZ	
July	<b>TBA</b>		
August	"Hamfest" August 8, 2020	David Richardson/W9KHZ	
September	Annual Family Picnic	Bill DeVore	Shillito Park, LEX
October	<b>TBA</b>		
November	Nominating Committee Report		
December	"Annual Auction"/Election	Brad James	

**SUMMARY OF BARS EBAY SALES ACTIVITIES 10/2017 thru 2/2020****OVERALL**

<u>Period</u>	<u># of Auctions</u>	<u>Total Income</u>	<u>Total Expenses</u>	<u>Net Income</u>
2017	0	\$ -	\$ (599.60)	\$ (599.60)
2018	1	\$ 63.74	\$ (1,962.38)	\$ (1,898.64)
1H2019	0	\$ -	\$ (1,106.00)	\$ (1,106.00)
7/2019	0	\$ -	\$ -	\$ -
8/2019	4	\$ 1,485.45	\$ (180.08)	\$ 1,305.37
9/2019	6	\$ 314.33	\$ (631.80)	\$ (317.47)
10/2019	12	\$ 762.08	\$ (122.48)	\$ 639.60
11/2019	29	\$ 5,119.24	\$ (1,377.14)	\$ 3,742.10
12/2019	12	\$ 3,235.79	\$ (1,413.92)	\$ 1,821.87
1/2020	14	\$ 2,554.86	\$ (889.69)	\$ 1,665.17
2/2020	19	\$ 2,927.38	\$ (1,290.04)	\$ 1,634.34
to date	97	\$ 16,462.87	\$ (9,573.13)	\$ 6,886.74

**INCOME**

<u>Period</u>	<u>Auction Price</u>	<u>Shipping &amp; Handling</u>	<u>Insurance</u>	<u>Sales Tax</u>	<u>Total Income</u>
2017	\$ -	\$ -	\$ -	\$ -	\$ -
2018	\$ 49.99	\$ 13.75	\$ -	\$ -	\$ 63.74
1H2019	\$ -	\$ -	\$ -	\$ -	\$ -
7/2019	\$ -	\$ -	\$ -	\$ -	\$ -
8/2019	\$ 1,328.50	\$ 156.95	\$ -	\$ -	\$ 1,485.45
9/2019	\$ 198.00	\$ 109.86	\$ -	\$ 6.47	\$ 314.33
10/2019	\$ 543.10	\$ 205.48	\$ 13.50	\$ -	\$ 762.08
11/2019	\$ 3,982.54	\$ 904.28	\$ 25.00	\$ 207.42	\$ 5,119.24
12/2019	\$ 2,589.50	\$ 521.40	\$ -	\$ 124.89	\$ 3,235.79
1/2020	\$ 1,960.47	\$ 488.09	\$ -	\$ 106.30	\$ 2,554.86
2/2020	\$ 2,364.02	\$ 408.64	\$ -	\$ 154.72	\$ 2,927.38
	\$ 13,016.12	\$ 2,808.45	\$ 38.50	\$ 599.80	\$ 16,462.87

**EXPENSES**

<u>Period</u>	<u>Storage Unit</u>	<u>Packing Materials</u>	<u>Postage/ Shipping</u>	<u>Ebay Fees</u>	<u>PayPal Fees</u>	<u>Misc. Adjust's, Dep &amp; Cr</u>	<u>Sales Tax</u>	<u>Total Expenses</u>
2017	\$ (317.00)	\$ -	\$ -	\$ -	\$ -	\$ (282.60)	\$ -	\$ (599.60)
2018	\$ (1,630.00)	\$ -	\$ (11.59)	\$ -	\$ -	\$ (320.79)	\$ -	\$ (1,962.38)
1H2019	\$ (1,106.00)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ (1,106.00)
7/2019	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
8/2019	\$ (158.00)	\$ -	\$ -	\$ -	\$ (22.08)	\$ -	\$ -	\$ (180.08)
9/2019	\$ (316.00)	\$ -	\$ (168.53)	\$ (90.84)	\$ (10.92)	\$ (45.51)	\$ -	\$ (631.80)
10/2019	\$ -	\$ -	\$ (95.18)	\$ -	\$ (27.30)	\$ -	\$ -	\$ (122.48)
11/2019	\$ (335.87)	\$ -	\$ (454.13)	\$ (211.82)	\$ (164.40)	\$ -	\$ (210.92)	\$ (1,377.14)
12/2019	\$ (169.00)	\$ (119.72)	\$ (305.70)	\$ (596.49)	\$ (98.12)	\$ -	\$ (124.89)	\$ (1,413.92)
1/2020	\$ -	\$ (21.78)	\$ (240.22)	\$ (426.34)	\$ (95.05)	\$ -	\$ (106.30)	\$ (889.69)
2/2020	\$ (338.00)	\$ (101.55)	\$ (342.57)	\$ (321.45)	\$ (94.75)	\$ 63.00	\$ (154.72)	\$ (1,290.04)
	\$ (4,369.87)	\$ (243.05)	\$ (1,617.92)	\$ (1,646.94)	\$ (512.62)	\$ (585.90)	\$ (596.83)	\$ (9,573.13)

**ACCOUNT CHANGES**

<u>Period</u>	<u>Paypal PayPal</u>	<u>Central Bank PayPal</u>	<u>Central Bank Checking</u>	<u>Total Accounts</u>	<u>Cumulative Total</u>
2017	\$ -	\$ -	\$ (599.60)	\$ (599.60)	\$ (599.60)
2018	\$ 63.74	\$ -	\$ (1,962.38)	\$ (1,898.64)	\$ (2,498.24)
1H2019	\$ -	\$ -	\$ (1,106.00)	\$ (1,106.00)	\$ (3,604.24)
7/2019	\$ -	\$ -	\$ -	\$ -	\$ (3,604.24)
8/2019	\$ 708.37	\$ -	\$ 597.00	\$ 1,305.37	\$ (2,298.87)
9/2019	\$ 212.57	\$ (5.96)	\$ (524.08)	\$ (317.47)	\$ (2,616.34)
10/2019	\$ 713.30	\$ (73.70)	\$ -	\$ 639.60	\$ (1,976.74)
11/2019	\$ 1,468.10	\$ 2,708.16	\$ (434.16)	\$ 3,742.10	\$ 1,765.36
12/2019	\$ 2,110.59	\$ -	\$ (288.72)	\$ 1,821.87	\$ 3,587.23
1/2020	\$ 1,686.95	\$ -	\$ (21.78)	\$ 1,665.17	\$ 5,252.40
2/2020	\$ 2,076.89	\$ -	\$ (879.28)	\$ 1,197.61	\$ 6,450.01
	\$ 9,040.51	\$ 2,628.50	\$ (5,219.00)	\$ 6,450.01	

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

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 10 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, 7:00PM in Meeting Room "A" in the Red Cross Building, 1450 Newtown Pike, Lexington. Contact Margie/KE4MAJ at 859-489-6274 or email to ke4maj@arrrl.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 2019 schedule (10:00AM): Saturday, January, 12, Saturday, April 13, Saturday, July 13, and Saturday, October 12. Contact Liaison Darrell Epperson/AC4YD, AC4YD@arrrl.net, 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@arrrl.net, 502-542-8252, Georgetown Police Dept, 550 Bourbon St., Georgetown (for dates see schedule on page 4 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@arrrl.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 - Tuesday, 8:30 PM, 146.940 (-600 Tone 88.5) 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/KI4AWZnet control; and, Daily Six-Meter FM Ragchew net 7:00-9:00 PM on 52.525MHz (vertically polarized). James Peel/KG4VAR net control.

KY-QRP - Net on Tuesday 8:00 pm 146.760 neg. offset no PL tone

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 17 meet at Christview Christian Church (SkyWarn). Talk-in/info on 145.430 (-600, T-203.5).

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.

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, Bart Breeding/KB4FEE, in care of Bluegrass ARS, Inc., PO Box 4411, Lexington, KY 40544-4411, or e-mail to aratat291@twc.com.



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 non-commercial 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.

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VHF Liaison to Shack Committee ... Tim Kunkle/KF4MPM

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

#### 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 MAY 2020

- Wed 1 Open Rag chew Net 8:00 pm 146.760 neg offset no PL tone; Wilderness Trail Emer Net, 8:30 pm, freq. 146.715, PL 100; Six Shooters Net, 9:00 PM on 52.525 MHz FM (vertically polarized); Tech license class cancelled
- Thu 2 Jessamine Cty ARES Net, 7:30 PM, 145.490 Repeater, Gary Britten W4GNB net control.
- Sat 2 Shack closed; Open Rag Chew Net 9 am 146.760 neg offset and no PL tone
- Sun 3 Amateur Television & Specialized Communications Net, 9:00 PM (146.760 Repeater); District 11 Skywarn Net, 8:00 PM, 146.92 (PL-79.7 Hz) linked to 147.180 (PL-74.4 Hz)\
- Mon 4 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 5 Amateur Swap Net 145.370 (T-192.8) 8:00 PM; "Casual Communicators Net," 9:00 PM Eastern, 443.325+ MHz. KY-QRP Net at 8:00 PM on the 146.760 repeater and no PL tone; Fayette County ARES Net at 8:30 PM on the 147.940 repeater and PL Tone of 88.5
- Wed 6 Open Rag chew Net 8:00 pm 146.760 neg offset no PL tone; Wilderness Trail Emer Net, 8:30 pm, freq. 146.715, PL 100; Six Shooters Net, 9:00 PM on 52.525 MHz FM (vertically polarized).
- Thu 7 Jessamine Cty ARES Net, 7:30 PM, 145.490 Repeater, Gary Britten W4GNB net control.
- Sat 9 Shack closed; Open Rag chew Net 8:00 pm 146.760 neg offset no PL tone
- 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 Hz) linked to 147.180 (PL-74.4 Hz)\
- Mon 11 Directors' Meeting: cancelled  
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 12 Amateur Swap Net 145.370 (T-192.8) 8:00 PM; "Casual Communicators Net," 9:00 PM Eastern, KY-QRP Net 8:00 PM 146.760 repeater and no PL Tone; Fayette County ARES Net 8:30 PM 147.940 with a PL tone of 88.5
- Wed 13 Open Rag chew Net 8:00 pm 146.760 neg offset no PL tone; Wilderness Trail Emer Net, 8:30 pm, freq. 146.715, PL 100; Six Shooters Net, 9:00 PM on 52.525 MHz FM (vertically polarized);
- Thu 14 Jessamine Cty ARES Net, 7:30 PM, 145.490 Repeater, Gary Britten W4GNB net control.
- Sat 16 Shack closed; Open Rag chew Net 9:00 am 146.760 neg offset no PL tone
- 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) linked to 147.180 (PL-74.4) and other repeaters in the area
- Mon 18 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 19 Amateur Swap Net 145.370 (T-192.8) 8:00 PM; "Casual Communicators Net," 9:00 PM Eastern, 443.325+ MHz;; KY-QRP Net at 8:00 PM on the 146.760 repeater and no PL tone; Fayette County ARES Net at 8:30 PM on the 147.940 repeater and PL Tone of 88.5
- Wed 20 Open Rag chew Net 8:00 pm 146.760 neg offset no PL tone; ;Wilderness Trail Emer Net, 8:30 pm, freq. 146.715, PL 100; Six Shooters Net, 9:00 PM on 52.525 MHz FM (vertically polarized);
- Thu 21 Jessamine Cty ARES Net, 7:30 PM, 145.490 Repeater, Gary Britten W4GNB net control.
- SAT 23 Shack closed; Open Rag chew Net 9:00 am 146.760 neg offset no PL tone
- 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) linked to 147.180 (PL-74.4) and other repeaters in the area.
- Mon 25 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 26 Amateur Swap Net 145.370 (T-192.8) 8:00 PM; "Casual Communicators Net," 9:00 PM Eastern 443.325+ MHz; KY- QRP Net 8:00 PM 146.760 repeater no PL tone, Fayette County ARES Net 8:30 pm on the 147.940 repeater with a PL tone of 88.5
- Wed 27 Open Rag chew Net 8:00 pm 146.760 neg offset no PL tone; Wilderness Trail Emer Net, 8:30 pm, freq. 146.715, PL 100; Six Shooters Net, 9:00 PM on 52.525 MHz FM (vertically polarized);
- Thu 28 Jessamine Cty ARES Net, 7:30 PM, 145.490 Repeater, Gary Britten W4GNB net control.
- Sat 30 Shack closed; Open Rag Chew Net 9 am 146.760 neg offset and no PL tone
- Sun 31 Amateur Television & Specialized Communications Net, 9:00 PM (146.760 Repeater); District 11 Skywarn Net, 8:00 PM, 146.92 (PL-79.7 Hz) linked to 147.180 (PL-74.4 Hz)\