



ARRL Standard



Pray for our Troops



God Bless America!

QUA/HAMnews

March 2020

CONTENTS

Quicky Notes 1

Meeting Notice 1

Reminders..... 2

Announcement for Treasurer’s Position..... 3

Ebay Sales process..... 4

SkyWarn..... 5

National Weather Service SkyWarn..... 6

Scheduled of Volunteer Examinations for 2020..... 7

Agenda for March 2, 2020 meeting..... 8

Special Directors’ Meeting Report of 2-10-20..... 9

Directors’ Meeting Report of 1-20-20..... 10

American Red Cross Donation notice..... 13

Program Schedule for 2020..... 13

Directors’ Meeting Report of 2-17-20..... 15

Summary of BARS Ebay Sales..... 17

Treasurer’s Report..... 1-31-20..... 18

Bio-Sketch for Treasurer’s Position..... 19

Meeting Schedule for Area Clubs, Exam Schedule..... 20

Calendar of Ham Radio Activates for March 2020..... 21

Published and Distributed Monthly by the



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

Glenn E. Welman/KF4NB
Memorial BBS
145.010 and 145.090

Web Page: <http://www.bluegrassars.org>
E-mail: 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; in Subject line type Subscribe plus <your call sign>

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

The March program will be a discussion about SkyWarn and Severe weather. The discussion will be led by Ron Malanowski and Joe Sullivan.



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

March 2020

Meeting Notice

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

The general meeting of the Bluegrass Amateur Radio Society, Inc., will be held Monday, March 2, 2020, at 7:00 PM, in Meeting Room A first floor of the Red Cross Building, 1450 Newtown Pike, Lexington, KY.

The program for March will be the annual SkyWarn and Severe Weather discussion. Ron Malinowski and Joe Sullivan will lead the discussion.

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

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

Ren Johnson

The March 2020 meeting is the annual Skywarn presentation by the National Weather Service. Special start time is 7:00 pm due to the material.

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

We will offering a Technician License Class beginning with an organizational meeting on February 19, 2020 at 7 pm at the Red Cross Blding classroom A. The classes will be on Wednesday evenings at 7 pm and will last about 10-12 weeks. Books are available for a cost of \$23.81. Please exact change or check payable to BARS.

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**

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.

“I not only use all the brains that I have, but all I can borrow.”

---WOODROW WILSON

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.

SKYWARN

SKYWARN (sometimes stylized as SKYWARN) is a program of the [National Weather Service](#) (NWS). Its mission is to collect reports of localized [severe weather](#) in the United States. These reports are used to aid forecasters in issuing and verifying severe weather watches and warnings and to improve the forecasting and warning processes and the tools used to collect meteorological data. Reports are also used by local [emergency managers](#) and [public safety organizations](#).

Skywarn consists of a network of severe [storm spotters](#) who observe weather conditions and make reports of severe weather to their local NWS offices. These spotters are regularly trained by personnel from the local NWS offices. In many areas, classes are conducted each spring in advance of the coming severe weather season.^[2] Many SKYWARN spotters use methods to communicate with one another during severe storm events. A notable example of this is through the use of [amateur radio nets](#), which is still an important method since severe weather can significantly disrupt local [telecommunications](#) systems. The program began in 1965, and counts over 300,000 active trained spotters.^[1]

Storm spotting

Where severe storms are possible, storm spotting groups such as Skywarn in the United States coordinate [amateur radio operators](#) and localized spotters to keep track of severe [thunderstorms](#) and [tornadoes](#). Reports from spotters and [chasers](#) are given to the National Weather Service so that they have [ground truth](#) information to warn the general public. Spotting provides ground information and localized conditions that the National Weather Service might not know the extent or might not otherwise be aware of. They typically report events, such as structures struck by [lightning](#), rotating [wall clouds](#), [funnel clouds](#)—or conditions that exceed specific thresholds, such as extremely strong [winds](#), significant [hail](#) or very heavy rainfall. The exact reporting thresholds can vary by region and may even dynamically change during a severe weather event. Spotters also give reports during [winter storms](#), [floods](#), [hurricanes](#), and [wildfires](#). Some spotters also play a role in damage assessment after a disaster, by reporting or documenting areas of damage, and by helping to formulate preliminary damage estimates (such as for [tornadoes](#)).

Other countries have similar programs, such as the Canadian spotting program [Canwarn](#), the SkyWarnUK and the [Tornado and Storm Research Organisation](#) (TORRO) programs in the United Kingdom, and [Skywarn Europe](#) for several European countries.

Training

The NWS sponsors Skywarn training sessions in the US. These sessions usually occupy two hours, and focus on hazard

identification and communication along with spotter strategies and safety. NWS recommends attendance at refresher courses every two years.^[3]

Methods of participation^[edit]

Skywarn has long been associated with [ham radio](#). Many NWS offices maintain an amateur radio station that is manned by amateur radio operators during times of severe weather. This allows licensed amateur radio spotters to transmit their severe weather reports directly to the NWS and receive up-to-date severe weather updates even if regular communications are disrupted or overloaded by the weather emergency. It does, however, require 1) the cooperation of the local Weather Forecast Office (WFO), and 2) that the station be manned continuously during severe weather events. Ham radio nets can operate to gather and relay information via landline telephone or Internet. Automatic [weather station](#) observations and spotter positions can be provided by the [Automatic Packet Reporting System](#) (APRS), which can also accommodate text message. Participation in the Skywarn program does not require an amateur radio license. More than half of all Skywarn spotters are not licensed amateur radio operators.^[citation needed]

Many Skywarn spotters are members of emergency services such as volunteer fire departments, rescue squads, ambulance units, or police or sheriff's departments.

The NWS encourages anyone with an interest in public service and access to some method of communication, such as amateur radio, telephone, the Internet, etc. to join the Skywarn program. Volunteers include police and fire personnel, dispatchers, EMS workers, public utility workers, truck drivers, mariners, aircraft pilots, and other concerned private citizens. Individuals affiliated with hospitals, schools, churches, nursing homes or who have a responsibility for protecting others are also strongly encouraged to become spotters.^[1]

Those without radio communication capability can still make their reports via cell phone, landline telephone, or the Internet.

<https://en.wikipedia.org/wiki/Skywarn>



National Weather Service

Skywarn®



The Skywarn® spotter program is a nationwide network of volunteers trained by the National Weather Service (NWS) to report significant weather. Anyone is welcome to participate.

As a trained spotter, you'll perform an invaluable service for the NWS. Your real-time observations of tornadoes, hail, wind and significant cloud formations will provide a truly reliable information base for severe weather detection and verification.

Help provide potentially life-saving information for your community. Become a Skywarn® Spotter.

How does Skywarn® function?

Information is relayed to the NWS during tornadoes, severe thunderstorms, snow storms, flooding, and any other weather event that involves the use of volunteer storm spotters. If you observe rough weather, we want to know about it!

Who will activate Skywarn®?

A NWS office and/or emergency management authorities may activate the Skywarn® net, usually whenever there is a severe weather threat or the forecast office issues a severe thunderstorm watch, tornado watch or flood watch. In this case, information will be relayed through Skywarn's amateur radio repeater. Also, the NWS's Hazardous Weather Outlook gives severe weather information and forecasts and determines if Skywarn® activation is needed.

Where are Skywarn® observations taken? Skywarn® reports are relayed from wherever the weather spotter is - on the road, in the office, or at home. It is important, however, not to jeopardize your own safety while participating in Skywarn®. Spotters should give their reports once they are in a safe location, away from the hazardous weather.

How are Skywarn® and Ham (amateur) radio operators related?

National Weather Service offices have Ham radio equipment on site. A Skywarn® net run by the volunteer amateur radio net control operators allow for reports from the field to be heard directly at the NWS office.

Does it cost anything to join Skywarn®?

Absolutely not! All training that the NWS provides is for the benefit of the weather spotter and his/her community. There is even a toll-free number provided for Skywarn® weather spotters to call and give their reports.

How can I join Skywarn®?

Attend one of the training sessions that take place in the spring and in the fall. The

NWS will record your location and contact information and will provide you with the knowledge of what to report on and when to report.

<https://www.weathersafety.ohio.gov/Sky>



Schedule for Volunteer Examinations in 2019-20

Harry Spark/KN4S,*
Bluegrass Volunteer Examiners
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](mailto:ke4mai@arrl.net), ke4mai@arrl.net, 859-652-3393 (www.bluegrassars.org)
 Danville - Liaison [John Wulf/K4FT](mailto:johnk4ft@gmail.com), johnk4ft@gmail.com, 563-505-0339, Wilderness Road ARC, http://www.wrarc.com
 Georgetown - Liaison [Ron Malinowski/WX4GPS](mailto:wx4gps@arrl.net), wx4gps@arrl.net, 502-542-8252
 WCARS VEC: Lexington - Liaison [Marguerite Williams/KE4MAJ](mailto:ke4maj@arrl.net), ke4maj@arrl.net, 859-489-6274 (www.bluegrassars.org)
 W5YI VEC: Winchester - Liaison [Darrell Epperson/AC4YD](mailto:AC4YD@arrl.net), AC4YD@arrl.net, 859-771-1834

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

Date and Time	VEC	Location
Mar. 14,2020 10:00 am	Ron Malinowski/WX4GPS	Georgetown Police Dept., Georgetown, KY
Mar. 17,2020 7_00 pm	Margie Williamson/KE4MAJ	Red Cross Blding, Lexington, KY

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>

Bluegrass Amateur Radio Society (BARS)

General Meeting Agenda March 2, 2020

(abbreviated)

- I. Call meeting to order.
- II. President's Announcements:
 1. BARS will match up to \$500.00 of members' donations to the Bluegrass Chapter of the American Red Cross that are collected by the March 16th Open Directors' Meeting.
 2. A special election to fill the unexpired 2020 term of the Treasurer will be held at the June 1st BARS open General Meeting.
- III. Program Presentation: SkyWarn - Ron Malinowski, WX4GPS, and Joe Sullivan, Nat'l Weather Service.
- IV. Treasurer's report - John Barnes, KS4GL:
 1. New membership applications: Scott Johnson, (no license)
 2. Financial.
- V. Old Business.
 - a. Open discussion.
- VI. New Business:
 - a. Open Discussion.
- VII. Next BARS Meeting Schedules (at Red Cross Building, Newtown Pike, Lexington, Ky.):

February 19th, 7:00pm - Technician Class License Test Study Class.

March 2nd, 7:00pm - BARS Open General Meeting .

Program: Severe Weather Watch. Ron Malinowski, WX4GPS, and Joe Sullivan, Nat'l Weather Service.

March 7th - Cave City Hamfest.

March 16th, 7:30pm - Directors' Meeting.

April 6th, 7:30pm - BARS General Meeting . Program: QRP - Roger Colvin,

April 20th, 7:30pm - Directors' Meeting.

May 4th, 7:30pm - BARS Open General Meeting .

Other important dates.
- VIII. President's comments.

Annual Dues Rates for 2020.

Regular Member: \$20.00 (1)(2)(3)

Life Member: \$200.00

Limited Member: \$20.00 (1)(2)(3)

Family Member: \$1.00

Student Member: \$12.00 (2)(3)

(1) Pre-paid dues discounts: two years - \$38.00; three years - \$55.00.

(2) New and initial BARS members' dues assessment will be prorated on a calendar-year- quarterly basis beginning with the first full calendar-quarter after the membership application is read at the Directors' Meeting, and the application's approval is expected at the next regular scheduled Open General Meeting.

(3) Any person participating in an Amateur Radio License Study Class conducted by BARS, and purchases an ARRL Amateur Radio License Study Guide from BARS at cost, and attains their initial Amateur Radio License after successfully passing the Amateur Radio Operators License Examination, will be granted one full calendar-year's membership with the dues assessment waived, if their application for membership is approved and accepted.

(adopted by BARS Feb. 20, 2020, 17)

Bluegrass Amateur Radio Society (BARS)

Directors' Special Meeting Minutes of February 10, 2020.

Red Cross Building, Lexington, Ky.

A Directors' Open Special Meeting was convened on February 10, 2020, to discuss the method and procedure for a special election to fill the treasurer's unexpired term in 2020 due to the resignation of John Barnes, KS4GL, plus pertinent and relevant financial matters.

The meeting was called to order at 7:00pm by President Brad James, WA4HBM.

In attendance were:

1st Vice President – Bob Brown, KI4JWK;

2nd Vice President – David Richardson, W9KHZ;

Treasurer – John Barnes, KS4GL;

Secretary – Bruce Campbell, KM4EHU;

Directors-at- Large – Tim Kunkel, KF4MPM,

and Bill Fuqua, WA4LAV;

which constituted a quorum.

Also present were Bart Breeding, KB4FEE, and Chris Gay, KS4GL.

(continued on page 12)

**Bluegrass Amateur Radio Society (BARS)
Directors' Meeting Minutes of January 20, 2020
Red Cross Building, Lexington, Ky.**

The January, 2019, Directors' Meeting was called to order at 7:30pm by President Brad James, WA4HBM.

In attendance were:

1st Vice President – Bob Brown, KI4JWK

2nd Vice President – David Richardson, W9KHZ;

Treasurer – John Barnes, KS4GL;

Secretary – Bruce Campbell, KM4EHU;

Director-at-Large – Tim Kunkel, KF4MPM; Bill Fuqua, WA4LAV,

which constituted a quorum. Also in attendance were Bart Breeding, KB4FEE, Chris Gay, KU4A, Bill DeVore, N4DIT, Jodie Wells, WB4LKQ, and Sandy Gragg, KM4PJU.

Treasurer's Report.

Treasurer John Barnes, KS4GL, presented one new application for membership for Scott Johnson (no license) which was accepted by general consent without objections.

Treasurer John Barnes, KS4GL, submitted the summary treasurer's report of amounts available in bank deposits as of December 31, 2018, are:

Checking account:

General fund:	\$7,929.21	
Coax/repeater:	804.98	
Education:	1,625.00	\$10,359.19
PayPal/PayPal account:	5,233.02	
Bank/PayPal account:	6,264.82	
Savings account:	200.32	
Total balance of accounts:		\$22,057.35

Transaction activities for the month of December totaled:

Income:	\$ 3,653.61
Expense:	\$ 1,998.71

David Richardson, W9KHZ, moved, and Bob Brown, KI4JWK, seconded for acceptance of the Treasurer's Report that the Treasurer's report be accepted, which was approved unanimously.

Secretary's Report.

Copies of the Bylaws were e-mailed to two new members: Chris Gay, KU4A, and Jeff Sweda, WU8F.

Club Activities.

Education: Bart Breeding, KB4FEE: Technician Class License Study

Classes will begin on February 19th.

Emergency Preparedness: David Richardson, W9KHZ: Winter Field

Day will be held at the Kentucky Horse Park on January 25th-26th. Set-up time will be 10:00am Saturday morning.

(continued on page 11)

(continued from Page 10, Director's meeting 01-20-20)

Program: February – Chris Gay, KU4A - FT8 Digital Mode;

March – Nat'l Weather Service SkyWarn;

Program: February – Chris Gay, KU4A - FT8 Digital Mode;

March – Nat'l Weather Service SkyWarn;

Old Business:

1) Status and disposition of Donated Equipment:

Treasure John Barnes, KS4GL, and Bill Fuqua, WA4LAV presented the E-Bay Sales Report.

Items Sold	Gross Total Income	Net Expenses	Income
Dec.2019: 12	\$ 3,235.79	\$ 1,413.92	\$ 1,821.27
Running			
Total: 64	\$10,980.63	\$ 7,393.40	\$ 3,587.23

2) Antenna maintenance activities are postponed until favorable weather.

3) Insurance: Bart Breeding, KB4FEE, reported that the current liability coverage is adequate for the Club's purposes, and the club considers itself self-insured for its property loss.

4) The audit suggestion presented by Sandy Gragg, KM4PJU, were reviewed. Items were checked-off as completed, in-progress, or marked for continuing review. The Kentucky State Departments' website information concerning BARS will be reviewed for accuracy.

5) Electronic door lock for outside door is being studied.

6) BARS shack telephone system operation is being studied.

New Business:

1) David Richardson, W9KHZ, moved and Bruce Campbell, KM4EHU, seconded for a \$25 gift card to be presented to Joe Sullivan of the National Weather Service for the club's appreciation for his participation in the upcoming March Program Severe Weather Spotting presentation. The motion was passed without objections.

2) Bill Fuqua, WA4LAV, suggested that he be authorized to treat Mike Munafo of Southern Communications to a simple lunch as compliments of BARS for the work he has freely performed associated with the maintenance and repairs of the Club's repeater at the WKYT-TV station. The proposal was accepted by general consent.

3) President Brad James, WA4HBM, recommended that the Club match up to \$500.00 of donations by BARS members to the Bluegrass Chapter of the Red Cross by the end of the March 16th Directors' Meeting, in recognition of the Red Cross's accommodations of the Club in their Newtown Pike building. The proposal was adopted by unanimous agreement and will be presented to the Club membership for vote at the February Open General Meeting.

4) Bill Fuqua, WA4LAV, deferred to Bart Breeding, KB4FEE, who moved for authorization to spend up to \$300.00 for the purchase of ten(10) current Technician Class License study manuals for the upcoming classes starting on February 19th. David Richardson, W9KHZ, seconded, and the motion carried without objection. Note: The manuals will be sold to the students and monies returned to BARS. In addition, any student attaining their ham license as a result of the class will be offered a cost-free one-year membership in BARS.

5) David Richardson, W9KHZ, suggested that the club should begin considering new radio equipment for the shack. No action was taken, and the proposal will be studied.

(continued on page 12)

(continued from page 11, Director's meeting 1-20-20)

- 6) The March 2nd Open General Meeting will start at 7:00pm to accommodate the National Weather Service Program.
- 7) Bart Breeding, KB4FEE, will look into the increased costs for the Club's use of Veterans' Park for Summer Field Day, and Shilito Park for the September picnic
- 8) An offer from Bill Cotter, N4LG, for a private purchase of club equipment was declined by general consent, and a reply will be transmitted to him stating the Club's reasons.

Upcoming BARS Schedule:

January 25th - 26th - Winter Field Day, Ky Horse Park.

February 3rd, 7:30pm - BARS General Meeting.

Program: FT8, Chris Gay, KU4A.

February 17th, 7:30pm - Directors' Meeting.

March 7nd, Cave City Hamfest.

March 2nd, 7:00pm - BARS General Meeting (abbreviated).

Program: National Weather SkyWarn.

March 16th, 7:30pm - Directors' Meeting.

With no other business at 10:14pm, Bill Fuqua, WA4LAV, moved, and Bob Brown, KI4JWK, seconded that the meeting be adjourned, which was approved without objection.

Recorded and submitted by:

Bruce Campbell, KM4EHU

Secretary

(continued from page 9, Director's meeting 02-10-20)

By the overall consensus of the six current directors, a general plan for a special election to fill the unexpired 2020 term for BARS Treasurer will be conducted as follows;

1. Bart Breeding, KB4FEE, will place an announcement in the March BARS Newsletter that the any member interested and qualified in running for the unexpired 2020 term of Treasurer should make their intentions known to one of the Club's officers. The Bylaws qualifications for the Treasurer's position are:

- a. Hold a valid amateur radio license for two(2) years before their nomination on April 6, 2020.
- b. Be a current voting member of BARS in the calendar-year of their nomination - i.e. dues paid in full for 2020 by February 29, 2020.
- c. Have attended at least eight(8) total of any combination of the scheduled BARS Open General Meetings, and/or Open Directors' Meetings, and/or scheduled event activities beginning on January 1, 2020, up to and including April 6, 2020.

In addition, the March, April, and May issues of the BARS Newsletter will announce the Special Election for BARS Treasurer scheduled for the regular schedule Open General Meeting on June 1, 2020, and emphasize the importance of a large attendance of BARS current voting members, beyond a minimum quorum of fifteen(5) current voting members, to be present.

2. Bart Breeding, KB4FEE, will ask for volunteers to form a Nominations Committee as soon as possible who will solicit and vet prospective candidates for the position of BARS Treasurer. Members of the Nominations Committee may not be a current elected office or be a candidate for election

(continued on page 14)

AMERICAN RED CROSS DONATIONS

“The BARS Board of Directors recommended, and the Club Membership approved, that BARS will match up to \$500.00 of total monetary donations made by the BARS members to the Red Cross.

BARS members wishing to participate can make their donations to the Bluegrass Chapter of the American Red Cross through the Club Treasurer by check (made out to Bluegrass Chapter of the American Red Cross) starting now and through to the beginning of the regular scheduled Directors’ Meeting on March 16th.

Members who have made private monetary donations to the Red Cross already this year can provide the Club Treasurer with documentation of such and the amount will be included in the limited BARS match.”

Bruce, KM4EHU

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	QRP	Roger Colvin	
May	TBA		
June	“ARRL Field Day” June 20-21, 2020	David Richardson/W9KHZ	
July	TBA		
August	“Hamfest” August 8, 2020	David Richardson/W9KHZ	
September	Annual Family Picnic	Bill DeVore	Shillito Park, LEX
October	TBA		
November	Nominating Committee Report		
December	“Annual Auction”/Election	Brad James	

(continued from page 12, Director's Meeting 02-10-20)

- 3. Each qualified candidate will submit the background biographical sketch form used for elected positions that will be provided by the Secretary. The Background Biographical Sketch(s) will be published in the April and May issues of the BARS Newsletter.**
- 4. The Nominations Committee will report the slate of candidate(s) for the Treasurer's position at the regular scheduled Open Directors' Meeting on March 16, 2020, when the Director's will vote on the acceptance of the slate of candidates that will be recommended at the BARS Open General Membership Meeting on April 6, 2020, for approval, additional nominations if any, and closure of nominations.**
- 5. The Board of Directors' will vote to formally consider the position of BARS Treasurer to be vacant at their regular scheduled Open Directors' Meeting on April 20, 2020, and announce the vacancy at the regular scheduled Open General Meeting on May 4, 2020. The formal vacancy of the Treasurer's position will be announced in the May issue of the BARS Newsletter.**
- 6. At the regular scheduled Open General Meeting on June 1, 2020, the Secretary will provide paper ballots to a quorum all current voting BARS members in attendance. A Committee of Tellers will be appointed by the president from volunteers who are willing to count and validate the ballot votes. The election of the Treasurer will be determined by a simple majority vote of those ballots counted. In the event of a tie vote, the election will be determined by agreed concession or by a single flip of a fair coin. The result of the election will be ratified by a motion and vote of the quorum of those current voting members in attendance. In the event that a quorum does not exist for voting, then the election will be postponed until the next regular scheduled Open General Meeting.**
- 7. The new Treasurer-elect will assume the duties of the office no later than the regular scheduled Open Directors' Meeting after the election results are accepted.**

Other business considered by the Board of Directors:

- 1. The combined position of Secretary and interim acting Treasurer will have only one vote on the Board of Directors.**
- 2. Going forward, The Treasurer's Report will present the previous end-of month complete financial statements at the current month's Directors' Meeting and then again at the subsequent month's Open General Meeting.**
- 3. The Board of Directors during a Special Meeting by telephone on February 5, 2020, agreed to authorize up to \$300.00 for immediate plumbing repairs to fix a leaking pipe in the BARS room. The club will pay the actual plumbers' invoice.**
- 4. The Club will negotiate with the Red Cross concerning the repair of a faulty plumbing connection in the BARS room that has the potential for damaging the BARS room if it should fail.**
- 5. Members of Board of Directors Permanent Committee were named:**
 - A. Executive Committee:**
President(chair) - Brad James WA4HBM;
Treasurer - Bruce Campbell, KM4EHU (interim acting);
Director-at-Large - Tim Kunkel, KF4MPM.
 - B. Finance Committee:**
Treasurer (chair)- Bruce Campbell, KM4EHU (interim acting);
Vice President - Bob Brown, KI4JVK;
Director-at-Large - Bill Fugua, WA9LAV.

(continued on page 15)

(continued from page14, Director's meeting 2-10-20)

C. Audit Committee:

Secretary(chair) – Bruce Campbell, KM4EHU;

Vice President – David Richardson, W9KHZ;

Director-at-Large - Tim Kunkel, KF4MPM.

6. The Board of Directors discussed the advantages and disadvantages of changing the Club mailing address from the Alexandria Drive post office box to a Nandino Drive post office box.

7. The Club will take no action concerning the unsolicited donation of foreign currency with a par value of \$19.95.

With no other business at 8:35pm, the meeting was adjourned by general consent without objections.

Recorded and submitted by:

**Bruce Campbell, KM4EHU
Secretary**

**Bluegrass Amateur Radio Society (BARS)
Directors' Meeting Minutes of February 17, 2020
Red Cross Building, Lexington, Ky.**

The February, 2020, Directors' Meeting was called to order at 7:30pm by President Brad James, WA4HBM.

In attendance were:

1st Vice President – Bob Brown, KI4JWK;

2nd Vice President – David Richardson, W9KHZ;

Treasurer (acting)– Bruce Campbell, KM4EHU;

Secretary – Bruce Campbell, KM4EHU;

Director-at- Large – Tim Kunkel, KF4MPM;Bill Fuqua, WA4LAV,

which constituted a quorum. Also in attendance were Bart Breeding, KB4FEE, Chris Gay, KU4A, Bill DeVore, N4DIT, Bill Weaver, WE5P, and Sandy Gragg, KM4PJU.

Treasurer's Report.

Acting Treasurer Bruce Campbell, KM4EHU, reported no new membership applications were received for presentation.

Acting Treasurer Bruce Campbell, KM4EHU, submitted the summary treasurer's report of amounts available in bank deposits as of January 31, 2020*, are:

Checking account:

General fund:	\$8,755.17	
Coax/repeater:	804.98	
Education:	1,625.00	\$11,185.15
PayPal/PayPal account:	5,233.02	
Bank/PayPal account:	6,264.82	
*Savings account (02/05/2020):	201.36	
Total balance of accounts:		\$22,884.36

(continued on page16)

(continued from page 15, Director's meeting 02-17-20)

Total of bank accounts transaction activities for the month of January, 2020 totaled:

Deposits:	\$ 419.00
Interest Credited: \$.96
Disbursements:	\$ 69.80
Net Change:	\$ 350.16

The Treasurer's Report was accepted and approved by general consent.

One reimbursement payment totaling \$363.48 (\$101.55 for eBay sales packing materials, and \$261.93 for Technician Class License Study Manuals that will be re-sold to the students at BARS cost) was approved without objection.

Club Activities.

Education: Bart Breeding, KB4FEE: Technician Class License Study

Classes will begin on February 19th.

Program: March - SkyWarn Severe Weather Watching,

Ron Malinoski, WX4GPS, and

The National Weather Service, Louisville.

Old Business

Summary status of donated equipment disposal through E-Bay sales:

Period	Items Sold	Gross Sales	Gross Expenses	Net Income
Jan.2020	14	\$ 2,554.86	\$ 889.69	\$1,665.17
Running Total	78	\$13,535.49	\$8,283.09	\$5,252.40

New Business

1) The Board of Directors unanimously authorized for Bill Fuqua to negotiate with the Red Cross for additional repairs to the building plumbing system in the basement BARS area and commit the Club to contribute up to \$700.00 for its share of actual expenses.

2) The Board of Directors unanimously authorized the Treasurer to make the monthly recurring payment of \$169.00 during the week after the Directors' Meeting directly to the storage facility, rather than pay by reimbursement, for the rental fee of the storage unit for the large quantity of donated equipment.

3) The Board of Directors unanimously agreed to clarify the dues schedule indicating that a new Club member's initial dues will be prorated on a calendar-quarterly basis beginning with the first full calendar-quarter after the membership application is read at the Directors' Meeting, and the application's approval is expected at the next regular scheduled Open General Meeting.

4) Sandy Gragg, KM4PJU, agreed to act as the Nominating Committee chair to solicit Club member's to submit their names as candidates for a special ballot election to be held in June to fill the unexpired Treasurer's term.

A slate of candidates will be presented to the Board of Directors at their regular scheduled meeting on March 16, 2020, for review and vetting the candidates' qualifications.

5) The Board discussed the merits of requiring the Club's financial records to be kept and

(continued on page 17)

(continued from page 16, Director's meeting 2-17-20)

maintained by the Treasurer on a currently available software package. The Board agreed by general consensus to postpone any decision or action on this matter until a later time.

Upcoming BARS Schedule:

March 2nd, 7:00pm - BARS Open General Meeting(abbreviated).

Program: National Weather Service SkyWarn.

March 7nd, Cave City Hamfest.

March 16th, 7:30pm - Directors' Meeting.

April 6th, 7:30pm - BARS Open General Meeting.

Program: QRP - Roger Colvin, KJ4YSY.

April 20th, 7:30pm - Directors' Meeting.

With no other business at 9:15pm, Bob Brown, KI4JWK, moved, and Bill Fuqua, WA4LAV, seconded that the meeting be adjourned, which was approved without objection.

Recorded and submitted by:

**Bruce Campbell, KM4EHU
Secretary**

SUMMARY OF BARS EBAY SALES 10/2017-12/2019

OVERALL

Period	# of Auctions	Total Income	Total Expenses	Net Income
2017	0	0.00	-599.60	-599.60
2018	1	63.74	-1962.38	-1898.64
1H2019	0	0.00	-1106.00	-1106.00
7/2019	0	0.00	0.00	0.00
8/2019	4	1485.45	-180.08	1305.37
9/2019	6	314.33	-631.80	-317.47
10/2019	12	762.08	-122.48	639.60
11/2019	29	5119.24	-1377.14	3742.10
12/2019	12	3235.79	-1413.92	1821.87
1/2020	14	2554.86	-889.69	1665.17
-----	-----	-----	-----	-----
	78	13535.49	-8283.09	5252.40

“The best executive is one who has sense enough to pick good people to do what he wants done, and self-restraint enough to keep from meddling with them while they do it.”

-----Theodore Roosevelt

BLUEGRASS AMATEUR RADIO SOCIETY, INC.
INCOME, EXPENSES, AND ACCOUNT BALANCES
as of January 31, 2020

	Bank Checking Account	PayPal PayPal Account	Bank PayPal Account	Bank Savings Account	Total
INCOME:					
ARRL Dues	0.00	0.00	0.00	0.00	0.00
BARS Dues	375.00	410.00	0.00	0.00	785.00
Coax/Repeater	20.00	0.00	0.00	0.00	20.00
Donations	0.00	2554.86	0.00	0.00	2554.86
Education	24.00	0.00	0.00	0.00	24.00
Hamfest	0.00	0.00	0.00	0.00	0.00
Interest	0.00	0.00	0.00	0.02	0.02
Sales Tax	0.00	0.00	0.00	0.00	0.00
Miscellaneous	0.00	0.00	0.00	0.00	0.00
Total	419.00	2964.86	0.00	0.02	3383.88

EXPENSES:					
ARRL Dues	0.00	0.00	0.00	0.00	0.00
Coax/Repeaters	0.00	0.00	0.00	0.00	0.00
Donations	21.78	867.91	0.00	0.00	889.69
Education	0.00	0.00	0.00	0.00	0.00
Election	0.00	0.00	0.00	0.00	0.00
Equipment	0.00	0.00	0.00	0.00	0.00
Field Day	24.00	0.00	0.00	0.00	24.00
Hamfest	0.00	0.00	0.00	0.00	0.00
Insurance	0.00	0.00	0.00	0.00	0.00
Miscellaneous	0.00	0.00	0.00	0.00	0.00
Newsletter	0.00	0.00	0.00	0.00	0.00
PayPal Fees	16.70	0.00	0.00	0.00	16.70
Picnic	60.00	0.00	0.00	0.00	60.00
P O Box	0.00	0.00	0.00	0.00	0.00
Sales Tax	0.00	0.00	0.00	0.00	0.00
Telephone	0.00	0.00	0.00	0.00	0.00
Total	122.48	867.91	0.00	0.00	990.39

ACCOUNT BALANCES

	December 31, 2019	January 31, 2020
Bank Checking*	10359.19	10672.41
PayPal PayPal	5233.02	7313.27
Bank PayPal	6264.82	6264.82
Bank Savings	201.32	201.34
Total	22058.35	24451.84

*** Fund-specific balances in Bank Checking Account**

General	7929.21	8198.43
Coax/Repeater	804.98	824.98
Education	1625.00	1649.00
Bank Checking	10359.19	10672.41

**BIOGRAPHICAL SKETCH OF THE NOMINEE
TO FILL THE UNEXPIRED 2020-TERM BY SPECIAL ELECTION FOR OFFICE OF TREASURER
BLUEGRASS AMATEUR RADIO SOCIETY, INC.**

Office Nominated For: Treasurer

Name:

Call Sign:

Previous Call Sign(s):

Class of License Presently Held:

Month & Year First Licensed:

Number of Years and Months a Member of this Club:

Your Favorite Club Activities:

Other Amateur Radio Clubs, Organizations You Hold Memberships In:

Special Areas of Interest in Amateur Radio:

Recognitions, Certifications, Previous BARS Offices, Experiences, etc:

Subject: SkyWarn and Severe Weather

YOU ARE INVITED TO ATTEND THIS VERY INFORMATIONAL MEETING.

THE MEETING IS OPEN TO THE PUBLIC AND ALL INTERESTED PERSONS ARE INVITED.

The Bluegrass Amateur Radio Society, Inc. will be having it's annual SkyWarn and Severe Weather

Presentation on March 2, 2020 at 7 pm. The presentation will be in the classroom section of the

American Red Cross Building, located on Newtown Pike, Lexington, Ky. The presentation will be made by

Ron Malinowski, WX4GPS and Joe Sullivan of the National Weather Service office, Louisville, KY.

In the past, very interesting and beneficial information has been presented. It is always interesting to see

what the weather can do in a short time frame.

Come and see the very interesting presentation of weather related happening in Kentucky and elsewhere.

“Children are the world’s most valuable resource and its best hope for the future.”

-----JOHN F. KENNEDY

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@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 2019 schedule (10:00AM): Saturday, January, 12, Saturday, April 13, Saturday, July 13, and Saturday, October 12. Contact Liaison Darrell Epperson/AC4YD, AC4YD@arrl.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@arrl.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@arrl.net.

Versailles/Woodford County - The Woodford County Amateur Radio Club meets the first Wednesday of each month at 7:00 PM in the Versailles Fire Station No. 2 on Big Sink Pike (38°3'34" N 84°43'11"W). Anyone interested in amateur radio is cordially invited. Also, visit their web site at <<http://www.ky4wc.org>>. You may contact Todd Rose/KE4YAH (atrose@windstream.net).

Fayette County ARES Net - 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/KO40L.

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.

"If you want something you've never had you must be willing to do something you've never done."

----Thomas Jefferson

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.

Bart Breeding/KB4FEE, 3101 Symons Cir., Lexington, Kentucky 40511 (859) 644-2216 aratat291@twc.com

Standing Committee Chairs:

- Contest Pete Kragh/K2UPD (859) 223-9389 (k2upd@aol.com)
- Education Bill Fuqua/WA4LAV (859) 272-9523 (wlfuqu00@uky.edu)
- Emergency Preparedness (Liaison Bluegrass ARS with LFUCG DEM) Sandy Gragg/KM4PJJ (859) 699-9934 (sandygragg@gmail.com)
- Hamfest David Richardson/W9KHZ (859) 983-1380 (daveinlex3@gmail.com)
- Newsletter Bart Breeding/KB4FEE (859) 644-2216 (aratat291@twc.com)
- Program David Richardson/W9KHZ (859) 983-1380 (daveinlex3@gmail.com)
- Public Relations and Membership . . . Bart Breeding/KB4FEE (859) 644-2216 (aratat291@twc.com)
- Repeater Andrew Cook/KF4OWP (859) 396-9930 (kf4owp@gmail.com)
- Shack David Richardson/W9KHZ (859) 983-1380 (daveinlex3@gmail.com)
- Volunteer Examinations Fernie Williams/KE4MAI (859) 652-3393 (ke4mai@arrl.net)
- Trustees, Ex Officio Committee Chairs, and Contacts for Special Activities:
- Historian Bill DeVore/N4DIT (859) 273-8345 (billdit@twc.com)
- KY-QRP Group..... Roger Colvin/KJ4YSY (859) 494-6268 (KJ4YSY@GMAIL.COM)
- Library John Barnes/KS4GL (859) 253-1178 (jrbarnes@iglou.com)
- Shack/Repeater Trustee David Richardson/W9KHZ(859) 983-1380 (daveinlex3@gmail.com)
- HF Liaison to Shack Committee . . . David Richardson/W9KHZ
- VHF Liaison to Shack Committee . . . Tim Kunkle/KF4MPM

President:

Brad James/WA4HBM
427 Southridge Dr., Lexington, Kentucky 40505
859/293-5893
sophie16@twc.com

Second Vice-President:

David Richardson/W9KHZ
1809 Wayland Drive
Lexington, Kentucky 40505
859/983-1380
daveinlex3@gmail.com

Treasurer:

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

First Vice-President:

Bob Brown/KI4JWK
2020 Armstrong Mill #2221,
Lexington, KY40515

Secretary:

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

Directors-at-Large:

Tim Kunkle/KF4MPM
426 Blueberry Lane
Lexington, Kentucky 40503
859/279-6307, and

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 March 2020

- Sun 1 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 2 BARS General Meeting: 7:00pm. Program: SkyWarn
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 3 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 4 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 5 Jessamine Cty ARES Net, 7:30 PM, 145.490 Repeater, Gary Britten W4GNB net control.
- Sat 7 Shack open 9:00-Noon; License Exam Session, 10:00 am Red Cross Bldg, Lexington, KY. Fernie Williamson/KE4MAI Liaison
- Sun 8 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 9 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 10 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 11 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 12 Jessamine Cty ARES Net, 7:30 PM, 145.490 Repeater, Gary Britten W4GNB net control.
- Sat 14 Shack open 9:00-Noon; Test session 10:00 am Georgetown Police Department, contact Ron Malinowski for further informaton. 502-542-8252
- Sun 15 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 16 Directors' Meeting: Monday,, 7:30pm.
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 17 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 Test session Red Cross Bldg, 7:00 pm contact Margie Williams for further information 859-489-6274
- Wed 18 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); Technician License Class 7:00 PM Red Cross Bldg, Lexington, KY
- Thu 19 Jessamine Cty ARES Net, 7:30 PM, 145.490 Repeater, Gary Britten W4GNB net control.
- Sat 21 Shack open 9:00-Noon
- Sun 22 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 23 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 24 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 25 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.); Technician License Class 7:00 PM Red Cross Bldg, Lexington, KY
- Thu 26 Jessamine Cty ARES Net, 7:30 PM, 145.490 Repeater, Gary Britten W4GNB net control.
- SAT 28 Shack open 9:00-Noon;
- Sun 29 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 30 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 31 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