



ARRL Standard



Pray for our
Troops



God Bless America!

QUA/HAMnews

February 2019

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It's time to paid your dues for membership for 2019

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MARS Station AAV4CAB

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ATV Repeater: KY4AT
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 (base-ment 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 February program will be a discussion of the CERT Program. The discussion will be led by Shelly Bendall with the LFUCG.

Reports of the RECORD OF THE BY-LAWS COMMITTEE MEETINGS will not be published in the newsletter due to length. Contact Secretary Bruce Campbell to obtain a copy of the reports.



"A man may die, nations may rise and fall, but an idea lives on."

- John F. Kennedy

We wish to thank Max Froedge for obtaining the BluegrassARS.com name and then having it connect to the .org web page. This removed an issue on finding the correct web page for the club.

QUA/HAMnews

February 2019

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, February 4, 2019, at 7:30 PM, in Meeting Room B, second floor of the Red Cross Building, 1450 Newtown Pike, Lexington.

The program will be presented by Shelly Bendall LFUCG, Preparedness Coordinator. She will discuss the CERT Program.

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.



Community Emergency Response Team

<https://www.ready.gov/community-emergency-response-team>

The Community Emergency Response Team (CERT) program educates volunteers about disaster preparedness for the hazards that may impact their area and trains them in basic disaster response skills, such as fire safety, light search and rescue, team organization, and disaster medical operations. CERT offers a consistent, nationwide approach to volunteer training and organization that professional responders can rely on during disaster situations, which allows them to focus on more complex tasks. Through CERT, the capabilities to prepare for, respond to and recover from disasters is built and enhanced.

Since 1993, CERT has impacted communities across the country, building essentials skills and capabilities to prepare for and respond to any disaster. There are now CERT programs in all 50 states, including many tribal nations and U.S. territories; each unique to its community but all essential to building a Culture of Preparedness.

The CERT program was designed as a grassroots initiative and specifically structured so that the local and state program managers have the flexibility to form their programs in the way that best suits their communities. CERT volunteers are trained to respond safely, responsibly, and effectively to emergency situations, but they can also support their communities during non-emergency events as well. There are over 2,700 local CERT programs nationwide, with more than 600,000 individuals trained since CERT became a national program. FEMA's Community Emergency Response Team Program trains volunteers to prepare for the types of disasters that their community may face. Through hands-on practice and realistic exercises, CERT members:

- Learn how to safely respond to manmade and natural hazards
- Help organize basic disaster response
- Promote preparedness by hosting and participating in community events
- Please contact your local emergency manager or FEMA at FEMA-Prepare@fema.dhs.gov

Community Emergency Response Teams - Lexington

<http://bereadylexington.com/cert/>

Are you interested in self-reliance and helping your neighbors during an emergency? Do you want training in disaster preparedness, first aid, fire suppression, disaster psychology, light search and rescue, natural disasters, terrorist incidents, and team organization? Would you be excited to test that training as a hands-on responder in a disaster simulation? Would you like a free hard hat and reflective vest? If so, Lexington's Community Emergency Response Team (CERT) program may be for you!



The Division of Emergency Management (DEM), in conjunction with the Division of Fire and Emergency Services, sponsors Lexington's CERT program. CERT is a national initiative developed by the Federal Emergency Management Agency (FEMA). The program's goal is to develop neighborhood teams that are CERT members also serve a valuable role in helping Lexington respond to and recover from disasters and emergencies. CERT also assists DEM and other local agencies with non-emergency operations. Team members serve as observers and "victim" role players during the annual CSEPP exercise. They participate in community outreach at a variety of public events where DEM has a presence. Through CERT, team members have the opportunity for additional training in areas such as weather spotting, damage assessment, moulage, and amateur radio operations. There are nine CERT class units in the initial training:

The CERT training consists of 27 hours of classroom and hands-on training. Classes are taught by emergency management staff and firefighters from Lexington.

- Session 1 – Disaster Preparedness: Introduction to individual and family preparedness & disasters specific to Lexington.
 - Session 2 – Fire Suppression: Identify and reduce fire hazards. Basic fire suppression/use of fire extinguishers.
 - Session 3 – Medical Care-Part 1: Injury assessment and treatment strategies for life-threatening injuries.
 - Session 4 – Medical Care – Part 2: Advanced first aid, splinting, bandaging and stop-the-bleed training.
 - Session 5 – Light Search and Rescue: How to look for and find victims after a disaster event. Victim extrication techniques.
 - Session 6 – Team Organization and Radio Operations: Two-way radio operations and CERT group organization and operations.
 - Session 7 – Disaster Psychology and CSEPP Operations: How disasters affect victims and responders emotionally. Basics of the Chemical Stockpile Emergency Preparedness Program and CERT's role in a chemical accident response.
 - Session 8 – Terrorism: Overview of terrorism and groups prone to the use of violence. Weapons of mass destruction review.
 - Session 9 – Disaster Simulation Exercise: Class members will practice what they've learned in a response to a simulated natural disaster.
- Since its inception, Fayette County's CERT program has trained 355 people in 26 classes. 267 currently are active in our program. If you'd like to be a part of our next CERT class, use the contact information below to get in touch with us.

Since its inception, Fayette County's CERT program has trained 355 people in 26 classes. 267 currently are active in our program. If you'd like to be a part of our next CERT class, use the contact information below to get in touch with us.

GET INVOLVED



Training Schedule: Twice annually, once in March-April and once in September-October. Classes are one evening a week for nine weeks.
Eligibility: CERT volunteers must be 18 years old and must live or work in Fayette County. Due to some aspects of CERT's mission, a criminal background check is required.
Contact: Shelley Bendall at (859) 280-8063 or sbendall@lexingtonky.gov

LEARN MORE

For more information on the national CERT program, visit FEMA's CERT resource pages. To see previous CERT classes in action during their disaster exercises, visit our Flickr feed. To connect with us via social networking, find us on Facebook. Also check out CERT-related posts on the DEM blog. For a graduate's perspective on CERT and disabilities, read the article on page 7 of the July 2007 KCCVS newsletter. If you're curious as to whether your neighbors already have CERT training, take a look at a CERT_ROSTER_WebMarch2018

Are cheap Chinese Radios good for Emcomm and the Hobby?

CQ Magazine MAY 2018

You know what I mean ... BaoFeng, Wouxun, TYT and the like are transceivers designed and built in China. Hams are notoriously cheap, so their inexpensive prices are attractive. But cost aside, is there a use for these products in emergency communication? The Cons... There are those who think the cheap sets are a plague on the hobby by attracting unlicensed individuals who purchase and illegally transmit, thereby causing interference on the bands. Several groups, such as airsofters, preppers, and off-roaders, tend to buy the sets because of the cost and transmission range. This becomes an issue when the owners don't become licensed hams and the press the PTT switch. To these folks, I say get your ham license. There are many inexpensive and even free methods to study for the Technician license. Unlike many years ago when I got into the hobby ... I paid for study guides, VHS tapes (yeah, I know, ancient technology) and then many hundreds of dollars to purchase my first handi-talkie. Today, many clubs offer study classes and a quick internet search reveals hundreds of free study guides. Add the ability to buy a transceiver for \$25 ... now you're talking! Another caveat of Chinese radios is their ability to transmit on frequencies assigned to GRMS and FRS as well as the 2-meter and 70-centimeter ham bands. While it is legal to transmit on 2 meters and 70 cm with a valid ham license, it is illegal to use the sets to transmit on GRMS and FRS frequencies, primarily due to the higher power output than radios designed for those services. But keep in mind that it is legal to listen to GRMS and FRS frequencies, with or without a license. You just can't use these radios to transmit in these services. Another common misconception is that the Chinese radios are not FCC certified because they can transmit outside of U.S. amateur bands. . A quick search on my BaoFeng UV-5R reveals the FCC and CE logos, signifying they are certified. Purists complain about the "cheapness" of the build of the Chinese transceivers. Labor and materials are cheaper in China, so they can produce and sell a less expensive set. Some complain about the lightweight construction, less than intuitive programming methods and poor layout. My various radios from the major Japanese manufacturers have a good "hand," meaning they feel like they are better constructed with better materials; they are heavy, chunky, and very reliable. . I paid big bucks for them, too, almost 600% more than for a Chinese set, but there are times and conditions when I don't want to subject my more sizable investment to the elements or adverse conditions. Others complain about electronic and technical

issues with the Chinese sets. They say receive quality is not as crisp or clear as the more expensive sets; and that the "front ends" of the cheaper sets are not as tight, making them difficult to receive when other transceivers are close by, unlike the more expensive sets. Another issue is transmit quality. The microphone on most of the Chinese rigs is a tiny hole on the face of the set, which it is said results in poor audio quality. There are mods available, such as increasing the size of the hole or adding a remote mic, to improve transmit quality. Elitists take issue with the radio's human interface. The buttons are laid out oddly, they say; there is no intuitive programming method, and sub menus are poorly placed. The documentation for the use of the radios is horrible at best. Fortunately, there are third-party manuals and computer-aided software that make programming the sets a bit less cumbersome. And as has become the norm, YouTube and other online video sources are available to help you find your way around the radios. The Pros... These radios, while inexpensive, are powerful tools. An issue with using any transceiver is generally a lack of education on how to properly program and use them. Many individuals simply turn them on, pick a frequency and start transmitting. This causes interference and poor operating practices, which is frowned upon. Let's face it, the demographic of the active ham community is that of aging men. We have good numbers for new people getting licensed, but it is often difficult to get them active and engaged. In an effort to attract new and younger people, these cheap radios offer an affordable introduction to ham radio. This adds value to the hobby by piquing interest and providing those who want to become better educated and more proficient to open their horizons in amateur radio. I have used the inexpensive transceivers as prizes and incentives at club and emergency communications meetings. The look on a youthful face * email: who "wins" a radio while attending a meeting with Are Cheap Chinese Radios Good for EmComm and the Hobby? emergency communications BY WALT PALMER,* W4ALT "In an effort to attract new and younger people, these cheap radios offer an affordable introduction to ham radio mom or dad is worth the cost of the radio many times over. In my Go Kit, I have several radios, both the high price spreads and the cheaper ones. . If one of my compatriots has a radio issue, I don't mind lending out a \$25 radio. If the weather is really crappy, I am not terribly upset if I drop a cheap set in a puddle. Several of my cheap radios can serve as a cross band repeater. More than once, I have been assigned to a location with a very high noise floor where 2 meters just didn't cut it.

(continued on Page 4)

(Chinese Radio Good?)

(continued from page 3)

I was able to carry my higher priced radios and transmit on 70 centimeters to a cross-band radio in my car, away from the interfering noise source, thereby providing clarity to my transmissions to and from net control. This 'n That On another topic, I recently visited with a tech from a major cellular carrier to discuss the upcoming 5G LTE technology. While there is no definitive rollout date, major cities will be the first to enjoy the new, multi-layered, frequency-agile system. Data will be faster and less apt to crowding at larger gatherings and venues. 4G will remain intact for several years, but 3G will be phased out fairly rapidly. A quick story about a cellular workaround I discovered years ago. As many of you know, I work as a professional radio/TV broadcast engineer. While covering the presidential inauguration in Washington, DC in 2001, several million people — most, if not all, with their smart phones — gathered on the National Mall. Add to that the thousands of security and first responder personnel and the 4G system bogged down very quickly. As broadcasters using cellular, we also suffered by the slow down. We discovered that, by dumbing down our phones to 3G, which is a parallel but separate system, we were treated to what seemed to be our own private cellular system. It was not quite as robust as 4G but, like amateur radio, adversity was the mother of invention. As a reminder of an earlier edition of this column, when working EmComm in crowds and large venue events, make sure to remain aware of your surroundings. Keep a constant scan to maintain your situational awareness. Know where the exits and shelters are. The closest may not be the safest.

Has your EmComm group had a speaker to provide training should you encounter an active shooter? Let's stay safe out there! – 73 DE W4ALT
BY WALT PALMER,* W4ALT

The March program will be the SkyWarn presentation by the Louisville National Weather Service.

DMR Informational Meeting

On February 2, 2019, there will be an informational meeting concerning DMR radio in Central Kentucky. The meeting will be held at the Sleep Inn located at 1920 Plaudit Place, Lexington, KY. This is on the side of Man of War behind McDonalds, Wendy's and Arby's. The meeting will start around 8:00 AM. with presentations and discussions starting around 10:00 AM. The meeting should last until noon. Bring your questions about DMR radio.

General Meeting Minutes of January 7, 2019

Bluegrass Amateur Radio Society (BARS)
Red Cross Building, Lexington, Ky.

The January 2019, BARS General Meeting was called to order at 7:30pm by Second Vice President David Richardson, W9KHZ.

Self-introductions were made by nineteen(19) licensed members and one(1) non-licensed member amateur radio operators, which consisted a quorum, plus one(1) licensed and one(1) non-licensed visitors.

Club and Members' News.

No members' activities were reported for this month.
Treasurer's Report – John Barnes, KS4GL.

Be yourself; everyone else is already taken.

-Oscar Wilde

Three membership applications were presented for Chris Perry, KY4CKP; Matt Gdowski, N4FFL; and John Thomas, K4QB. Bart Breeding, KB4FEE, moved, and J.B.Young, WA4WWH, seconded for acceptance of the membership applications which was approved by unanimous vote.

The summary treasurer's report of amounts available in bank deposits as of July 31, 2018, are:

Checking account:

General fund: \$8,986.11

Coax/repeat: 804.98

Education: 1,909.29

\$11,700.38

PayPal account:

3,139.44

Savings account:

200.86

Total balance

of accounts: \$15,040.68

Sandy Gragg, KM4PJU, moved and Joe Raber, KN4ONZ, seconded to accept the treasurer's report, which was approved unanimously.

Committee Announcements.

Contest – Pete Kragh, K2UPD:

Nothing to announce.

Education – Bill Fuqua,

WA4LAV: (no announcements).

Emergency Preparedness -

Sandy Gragg, KM4PJU. A

Weather Spotting class will be

held on February 27th. The

Program for the March 4th

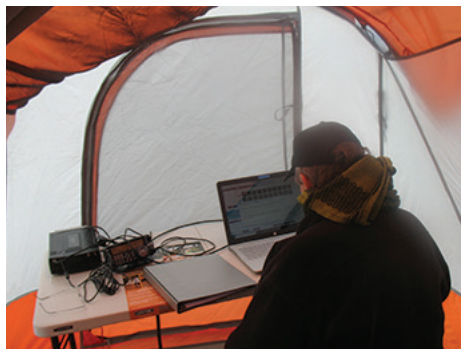
General Meeting will be

Severe Weather Reporting

presented by the National

Weather Service.

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TREASURER'S REPORT

Respectfully submitted by John Barnes/KS4GL, Treasurer

BLUEGRASS AMATEUR RADIO SOCIETY, INC.
INCOME, EXPENSES, AND ACCOUNT BALANCES
as of December 31, 2018

	Checking Account	PayPal Account	Savings Account	Total
INCOME:				
ARRL Dues	0.00	0.00	0.00	0.00
BARS Dues	160.00	0.00	0.00	160.00
Coax/Repeater	0.00	0.00	0.00	0.00
Donations	0.00	0.00	0.00	0.00
Education	0.00	0.00	0.00	0.00
Hamfest	0.00	0.00	0.00	0.00
Interest	2.66	0.00	0.04	2.70
Sales Tax	40.65	0.00	0.00	40.65
Miscellaneous	677.35	0.00	0.00	677.35
Total	880.66	0.00	0.04	880.70

EXPENSES:		
ARRL Dues	0.00	0.00
Coax/Repeaters	0.00	0.00
Donations	354.19	354.19
Education	0.00	0.00
Election	67.03	67.03
Equipment	0.00	0.00
Field Day	0.00	0.00
Hamfest	0.00	0.00
Insurance	0.00	0.00
Miscellaneous	35.46	35.46
Newsletter	0.00	0.00
Picnic	0.00	0.00
P O Box	0.00	0.00
Sales Tax	0.00	0.00
Telephone	0.00	0.00
Total	456.68	456.68

ACCOUNT BALANCES

	November 30, 2018	December 31, 2018
Checking Balance*	12276.40	11700.38
PayPal Balance	3139.44	3139.44
Savings Balance	200.82	200.86
Total Balance	14616.66	15040.68

* Fund-specific balances in Checking Account

General	8562.13	8986.11
Coax/Repeater	804.98	804.98
Education	1909.29	1909.29
Total Checking	11276.40	11700.38

AMSAT at the Dayton Hamvention - First call for volunteers

http://www.southgatearc.org/news/2014/march/amsat_at_the_dayton_hamvention.htm#.XFHDLFxKg2w

Southgate Amateur Radio News

Last year, we had 41 people assist with the AMSAT booth at Dayton.

It was the efforts of those volunteers that made the 2013 Dayton Hamvention a success for AMSAT. The interaction with AMSAT members, satellite operators, designers, and builders makes the whole experience for participants a lot of fun.

The 2014 Hamvention is May 16-18. Would you consider helping AMSAT at Dayton this year?

Whether you're available for only a couple of hours or if you can spend the entire weekend with us, your help would be greatly appreciated. Please send an e-mail to Steve, n9ip at amsat dot org if you can help.

Steve N9IP

Jessamine Amateur Wireless Society An- nounce new Wires X Repeaters

The new JAWS repeaters for 2M and 440 are Yaesu DR-2X units running 50W and covering Central Kentucky. They support both traditional FM and the newer C4FM digital mode.

Politicians, like diapers, have to be changed frequently - and for the very same reason.
— Mark Twain (Author)

Directors' Meeting Minutes of December 17, 2018

Recorded and submitted by
Bruce Campbell, KM4EHU

The December 2018, Directors' Meeting was called to order at 7:40pm by President Andrew Cook, KF4OWP.

In attendance were:

2nd Vice President Elect – David Richardson, W9KHZ
Treasurer – John Barnes, KS4GL;
Secretary – Bruce Campbell, KM4EHU;
Director-at-Large – Mark Elliott, KN4HVX; Tim Kunkel, KF4MPM

MARS Representatives Barry Jackson, WB4N, and Harvey Frye, AA4HF, plus Bart Breeding, KB4FEE, and Bill DeVore, N4DIT, were also present.

Treasurer John Barnes, KS4GL, presented three new applications for membership for review that were received during the past month: Chris Perry, KY4CPK; Matt Gdowski, N4FFL; and John Thomas, K4QB. David Richardson, W9KHZ moved, and Tim Kunkel, KF4MPM, seconded that the three applications be accepted and presented at the January, 2019, general membership meeting for approval.

Treasurer John Barnes, KS4GL, submitted the summary treasurer's report of amounts available in deposits as of November 30, 2018.

Checking account:

General fund:	\$ 8,562.13
Coax/repeater:	804.98
Education:	1,909.29
	\$11,276.40

PayPal account:

3,139.44

Savings account:

200.82

Total balance of accounts:

\$14,616.66

David Richardson, W9KHZ, moved, and Tim Kunkel, KF4MPM, seconded that the treasurer's report be accepted, which was approved

unanimously.

Secretary Bruce Campbell, KM4EHU, reported that the ARRL Annual report will be filed on schedule in January, 2019.

Committee Reports:

Contest: (Pete Kragh, K2UPD). (no report)

Education: Bill Fuqua, WA4LAV.

Nothing to report.

Emergency Preparedness: Sandy Gragg, KM4PJU. (no report)

Hamfest: David Richardson, W9KHZ.

Promotional material is being assembled.

Admission and flea market table and floor space fees are being considered.

Ideas for next year's Hamfest are welcome.

Newsletter: Bart Breeding, KB4FEE.

Work on updating the club's webpage is continuing.

Program: James Schlessler, WA9MED. (no report)

Public Relations and Membership: Bart Breeding, KB4FEE. Nothing to report.

Repeater: Andrew Cook, KF4OWP. Nothing to report.

Shack: David Richardson, W9KHZ.

1) Additional shelves are being placed in the Shop.

2) The Shack and Shop closets are being rearranged for additional storage.

3) Additional electronic locks are being considered for the BARS room closets.

4) A fiberglass seven(7)-foot step ladder would be a good addition for BARS use.

HF Liaison: David Richardson, W9KHZ. Nothing to report

VHF Liaison: Tim Kunkel, KF4MPM. Nothing to report.

Volunteer Examinations: (Fernie Williams, KE4MEI). (no report)

Historian: Bill DeVore, N4DIT. Nothing to report.

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

Library: John Barnes, KS4GL.

Nothing to report.

MARS: Harvey Frye, AA4HF, and Barry Jackson, WB4N. Nothing to report.

Trustee: Andrew Cook, KF4OWP. Nothing to report.

Bylaws: Andrew Cook, KF4OWP.

Secretary Bruce Campbell, KM4EHU,

Reported that the Bylaws Committee will resume its bi-monthly meetings beginning in January, 2019. The revisions to the Bylaws are reaching the point that they will soon be ready to submit to the Directors' for rounds of preliminary approvals before they are presented to a general membership vote for adoption. The Bylaws committee meeting is open to any interested BARS member.

Old Business:

Antenna maintenance activities are postponed until after the holidays and during favorable weather.

New Business:

The December Silent Auction of surplus gear netted \$674.92 after applicable sales tax was withheld.

Upcoming BARS Schedule:

January 7th, 6:00pm - Bylaws Committee Meeting.

January 7th, 7:00pm – KYQRP.

January 7th, 7:30pm, BARS

February 4th, 7:00pm –

KYQRP.

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

Program: (to be announced)

February 18th, 6:00pm -

Bylaws Committee Meeting.

February 18th, 7:30pm -

Directors' Meeting.

(continued on page 8)

(Director's meeting 12-17-18 continued from page7)

With no other business at 8:43pm, David Richardson, K9KHZ, moved, and John Barnes, KS4GL, seconded that the meeting be adjourned, which was approved without objection.

CERT: History of the Program

https://www.theresiliencyinstitute.com/history-of-community-emergency-response_10/

The concept of the CERT Program began in the mid-1980s when the Los Angeles Fire Department saw the need, in the event of a large-scale disaster, to train citizens on how to help others without putting themselves in harm's way. FEMA formalized the CERT program in 1993 and the CERT program is now available nationwide. The CERT curriculum is taught from an all-hazards approach and each community emphasizes the disasters, both natural and man made, to which they are most vulnerable. Although preparedness steps vary from community to community,

the goal remains the same: "to do the most good for the most amount of people" in an emergency, such as in the event of a natural disaster.

FREQUENTLY ASKED QUESTIONS

If I take the CERT training, what am I obligating myself to do? CERT is first and foremost an awareness-level disaster preparedness training. The priority is learning how to take care of yourself, your family, and your neighbours in an emergency. Responding as a CERT is voluntary. Once you have taken the 24-hour CERT training, you may choose to join a CERT team in your neighborhood, workplace or place of worship. What can CERT teams do in an emergency? ? Under the direction of local emergency responders, CERT teams help provide critical support by giving immediate assistance to victims, providing damage assessment information, and organizing other volunteers at a disaster site. In the event of a disaster, when resources

are likely to be overwhelmed and professional response may be delayed, CERT teams can help "bridge the gap" until professional responders are able to arrive on scene. Who is eligible to take CERT training? Anyone age 18 and above. Children aged 15-17 years can take the training if accompanied by a parent or legal guardian and will receive their CERT certification when they turn 18. How does CERT help the community? In addition to supporting emergency responders during a disaster, the CERT program builds strong working relationships between emergency responders and the people they serve. CERT teams also help the community year-round by helping with community emergency plans, neighborhood exercises, preparedness outreach, fire safety education, and workplace safety. How much does the training cost? CERT training is free and open to the community and is made possible by Homeland Security Grant funding..

Program Schedule for 2019

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

The following programs are scheduled for 2019. Your input and suggestions for programs for 2019 are needed. Call David Richardson, W9KHZ at 869-983-1380 or e-mail at daveinlex3@gmail.com.

Month	Topic	Presenter(s)	Comments
✓ January	"Winter Field Day" January 26-27, 2019	David Richardson/W9KHZ	
February	CERT Program	Shelly Bendall LFUCG	
March	SkyWarn National Weather Service, Louisville, KY	Joe Sullivan	
April	Portable Go-Kit	David Richardson/W9KHZ	
May	Antennas	Bill Fuqua/WA4LAV	
June	"ARRL Field Day" June 22-23, 2019	David Richardson/W9KHZ	
July	DMR/DStar/Fusion(tentative)	Bluegrass DMR	
August	"Hamfest" August 10, 2019	David Richardson/W9KHZ	
September	Annual Family Picnic	Bill DeVore	Shelter#2, Shillito Park, LEX
October	Discussion of By-Laws and SOP changes		
November	Report of Nominating Committee	Additional discussion on By-Laws and SOP	
December	"Annual Auction"	Andrew Cook	

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) - (FernieWilliams/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 9 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 Amteur 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 - Wednesday, 9:00 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 - Meetings are the same schedule as Blugrass ARS, first Monday each month, but at 7:00 PM, in Meeting Room "B", second floor of the Red Cross Building, 1450 Newtown Pike, Lexington.

Scott County Amateur Radio and Emergency Service Club (SCARES) - Meetings are the third Saturday each month, 9:00 AM in the Solarium room at Georgetown Community Hospital, 1140 Lexington Road, Georgetown. Check in to their weekly simplex net Tuesdays at 7:00 PM on 146.685 (PL 141.3).

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

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

Pioneer ARC (Winchester) - Fourth Tuesday each month, Golden Corral Restaurant, 7:00 PM (eat at 6:00), except March 26 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.

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

Please send any changes or corrections to these notices 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.

We are looking for past copies of the BARS newsletter. If you have any saved, contact me. There is an archive of the newsletter being started. We have most of 2018, but we need any PDF copy prior to that. BART KB4FEE

An instructed and intelligent people are always more decent and orderly than an ignorant and stupid one.
- Adam Smith

Schedule for Volunteer Examinations in 2019

Harry Spark/KN4S,*
Bluegrass Volunteer Examiner
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, 859-652-3393

(www.bluegrassars.org)

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

505-0339, Wilderness Road ARC, <http://www.wrarc.com>

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

wx4gps@arrl.net, 502-542-8252

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

ke4maj@arrl.net, 859-489-6274 (www.bluegrassars.org)

W5YI VEC: Winchester - Liaison **Darrell Epperson/AC4YD**,

AC4YD@arrl.net, 859-771-1834

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

Date and Time	VEC	Location
Saturday, February 9, 2019 10:00 am	ARRL	Lexington
Saturday, March 9, 2019 10:00 am	ARRL	Georgetown
Tuesday, March 19, 2019 7:00 pm	WCARS	Lexington
Saturday, April 13, 2019 10:00 am	W5YI	Winchester
Saturday, April 27, 2019 10:00 am	ARRL	Danville
Saturday, May 11, 2019 10:00 am	ARRL	Lexington

(continued from page 4 General meeting 1-7-19)

Hamfest – David Richardson,
W9KHZ: Nothing to announce.

Newsletter – Bart Breeding,
KB4FEE: Nothing to announce.

Program – David Richardson,
W9KHZ: Suggestions for
program topics of interest at
the general meetings are
always welcome.

Upcoming program schedule;
February – (to be announced).
March – Severe Weather
Spotting.

Public Relations and Membership
– Bart Breeding, KB4FEE:

Nothing to announce.

Repeater – Andrew Cook,
KF4OWP: The 147.165 repeater
is not functioning.

Shack – David Richardson,
W9KHZ: Nothing to announce.

Volunteer Examinations – Fernie
Williams, KE6MAI:
(no announcements).

Historian - Bill DeVore, N4DIT:
Nothing to announce.

Have you been wanting to get on the air but don't have a rig? How about operating in a HF DX or VHF/UHF contest? The shack is open most Saturday mornings, 9:00 AM until Noon, so come on out! Arrangements can be made for other times. Telephone the shack at 859-231-0974.

Librarian – John Barnes,
KS4GL: Nothing to
announce.

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

Trustee: Shack – Andrew
Cook, KF4OWP (no an
nouncements).

VHF Repeater – Andrew Cook,
KF4OWP: (no announce
ments).

Bylaws – Andrew Cook,
KF4OWP: The Bylaws
committee is meeting each
month at 6:00pm before
the General Meetings and
the Directors' Meetings to
revise the current Bylaws.
The committee meeting is
open to all BARS members
for input and discussion.

Old Business.

None.

New Business.

None.

Program.

David Richardson, W9KHZ,
presented the plans for the
Winter Field Day activity on
the weekend of January
26-27. The club station will
be set-up at the Kentucky
Horse Park on the access
road overlooking Interstate
around 10:00am and opera
tion will begin at 2:00pm. In
addition, David Nash,
KM4KPV, is making arrange
ments for the Lexington-
Fayette County Mobile
(continued on page 11)

(continued from page 10 General meeting 1-7-19)

Command Center to be on site during the day on Saturday for demonstration of the emergency radio stations and participation in the Winter Field day event. Pack-up for the club station will be Sunday morning after the event.

Trivia Question.

Tim Kunkel, KF4MPM, and Bill Weaver, WE5P. correctly answered Terry Layman's, N6OKR, Trivia Question about internal silvering of old vacuum. John Barnes, KS4GL, received half-credit.

With no other business at 8:30pm, Bart Breeding, KB4FEE,, moved, and James Schlessler, WA9MED, seconded, that the meeting be adjourned, which was approved unanimously.

The next BARS scheduled meetings and activities:

Winter Field Day: Sat-Sun, Jan.26-27, Ky Horse Park.

Bylaws Committee Meeting: Monday, February 4th, 6:00pm.

BARS General Meeting: Monday,

February 4th, 7:30pm.

Program: (to be announced).

Bylaws Committee Meeting:

Monday, February 18th, 6:00pm.

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

Cave City Hamfest: Saturday, March 2nd.

Bylaws Committee Meeting: Monday, March 4th, 6:00pm.

BARS General Meeting: Monday, March 4th, 7:30pm.

Program: National weather Service, Severe Weather Spotting.

Bylaws Committee Meeting: Monday, March 18th, 6:00pm.
Directors' Meeting: Monday, March 18th, 7:30pm.

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

Where's the Rare DX?

OPDX Bulletin 1399

January 21, 2019

<<http://www.papays.com/opdx1399.html>>

ANTARCTICA EM1 Roman, UT7UA, will soon be active as EM1UA and/or EM1A from the Ukrainian Antarctic Akademik Vernadsky Base base station (EM1U) on Galindez Island (AN-006, WASA UR01). His license is good until February 1st, 2020. Activity will be on various HF bands and modes. QSL via UT7UA.

Culebra Island NA-249 Members of the Radio Operadores del Este (RODE) will be active as KP3RE from Culebra Island between February 22-24th. Activity will be on 80-10 meters using CW, SSB, FT8 and Satellites. Suggested frequencies are: CW - 3675, 7025, 10105, 14025, 18085, 21025, 24890 and 28025 kHz
SSB - 3795, 7190, 14195, 18145, 21295, 24945 and 28490 kHz
FT8 - 3567, 7056, 10131, 14090, 18095, 21091, 24911 and 28091 kHz
Satellites - AO-91, AO-92, SO-50 and IO-86 FM
QSL via EA5GL.

SABA ISLAND PJ6 Operators Bob/K4UEE, Tim/K5AC, Jeff/NM1Y and Ned/WC4X will be active as PJ6A from Jolieville, Saba Island (NA-145), during the ARRL CW DX Contest (February 16-17th) as a Multi-Single/Low-Power entry. QSL PJ6A via N4NX or LoTW. DO NOT QSL VIA BUREAU. Before and after the contest the operators will be signing PJ6/homecall and will be on 160-10 meters using CW, SSB, RTTY and possibly FT8. They'll be using their Elecraft K3's, transmitting into a Battle Creek Special on 160 meters, wire beams on 80 and 40 meters and a Yagi on 20-10 meters. The team will be there between February 11-18th. QSL via their home call signs.

SEYCHELLES S7 Vlad, UA4WHX, is expected to be active soon as S70VB from La Digue Island (AF-024). Specific dates were not provided. Activity will be on various HF bands using CW, SSB and the Digital modes. QSL via UA4WHX direct or by PayPal (see QRZ.com).

VK, AUSTRALIA. Taka, JA8COE, will be active as VK4/JA8COE from Wangai Beach Hotel on Horn Island (OC-138) between March 14-17th. Activity will be on various HF Bands. QSL via JA8COE. For more details and updates, watch: <https://blog.goo.ne.jp/taka-ja8coe>

Mozambique (C8-9), Cambodia (XU), Myanmar (XY/XZ), Yemen (7O), Vietnam (XV/3W), Laos (XW), Libya (5A), Sao Thome & Principe (S9), Afghanistan (YA), Nepal (9N), North Korea (P5)

Bruce Draper, AA5B, aa5b.corral@gmail.com

Contest Corral

February 2019

Check for updates and a downloadable PDF version online at www.arrl.org/contests. Refer to the contest websites for full rules, scoring information, operating periods or time limits, and log submission information.

2	0000	3	2359	1.8-UHF	Vermont QSO Party	CWPhDig	RS(T), county or SPC	www.ranv.org/vtqso.html
2	0001	3	2359	28	10-10 International Winter Contest, SSB	Ph	Name, mbr or "0," SPC	www.ten-ten.org
2	1200	3	1159	1.8-28	Black Sea Cup International	CW Ph	RS(T), club/org abbreviation or ITU zone	bscc.ucoz.ru
2	1200	3	1200	3.5-28.144	F9AA Cup, CW	CW	RST, serial	www.site.urc.asso.fr
2	1200	3	2359	3.5-28	Mexico RTTY International Contest	Dig	RST, XE state or serial	www.rtty.fmre.mx
2	1400	2	2359	1.8-28	FYBO Winter QRP Sprint	CWPhDig	RS(T), SPC, name, power, temperature	arizonascqrptions.apps-1and1.com
2	1400	2	2359	1.8-28	Minnesota QSO Party	CWPhDig	Name, county or SPC	www.w0aa.org
2	1600	2	1900	3.5	AGCW Straight Key Party	CW	RST, serial, class, name, age	agcw.org/index.php/en
2	1600	3	2359	1.8-28	British Columbia QSO Party	CWPhDig	RS(T), BC district or SPC	orcadxc.org/bcqp_rules.html
2	1700	2	2100	3.5-28	FISTSWinterSlowSpeedSprint	CW	RST, SPC, name, mbr or power	fistsna.org/operating.html#sprints
3	0000	3	0400	3.5-14	North American Sprint, CW	CW	Other station's call, your call, serial, name, SPC	ncjweb.com/Sprint-Rules.pdf
4	2000	4	2130	3.5	RSGB 80-Meter Club Championship, SSB	Ph	RS, serial	www.rsgbcc.org/hf
5	0200	5	0400	3.5-28	ARS Spartan Sprint	CW	RST, SPC, power	arsqrp.blogspot.com
6	2000	6	2100	3.5	UKEICC 80-Meter Contest	Ph	4-character grid square	www.ukaiccc.com
7	1800	7	2200	28	NRAU 10-Meter Activity Contest	CWPhDig	RS(T), 6-char grid square	www.nrau.net/activity-contests
7	2000	7	2200	1.8-28	SKCC Sprint Europe	CW	RST, SPC, name, mbr or power	www.skccgroup.com
9	0000	10	2359	3.5-28	CQ WW RTTY WPX Contest	Dig	RST, serial	www.cqwpwxrtty.com
9	1000	10	1000	1.8-28	SARL Field Day Contest	CWPhDig	RS(T), number of transmitters, category, QTH	www.sarl.org.za
9	1100	9	1300	7, 14	Asia-Pacific Spring Sprint, CW	CW	RST, serial	jsfc.org/apsprint/aprule.txt
9	1200	10	1200	1.8-28	Dutch PACC Contest	CW Ph	RS(T), Dutch province or serial	pacc.veron.nl
9	1200	10	1200	1.8	KCJ Topband Contest	CW	RST, Prefecture or continent code	www.kcj-cw.com
9	1200	10	2359	1.8-50	SKCC Weekend Sprintathon	CW	RST, SPC, name, mbr or "none"	www.skccgroup.com
9	1400	11	0200	1.8-UHF	YLRL YL-OM Contest	CWPhDig	Serial, RS(T), SPC	ylrl.org/index.php
9	1500	10	1500	1.8-28	OMISS QSO Party	Ph	RS, SPC, mbr (if any)	omiss.net/Facelift/qsoparty.php
9	1700	9	2100	3.5-28	FISTS Winter Unlimited Sprint	CW	RST, SPC, name, mbr or power	fistsna.org
9	1900	9	2300	1.8	RSGB 1.8 MHz Contest	CW	RST, serial, UK district code or serial	www.rsgbcc.org/hf
10	1300	10	1700	3.5-7	Balkan HF Contest	CW Ph	RS(T), serial	arabih.ba
11	0100	11	0259	3.5-14	CQC Winter QSO Party	CW	RST, SPC	www.coloradoqrplclub.org
11	0100	11	0300	1.8-28	4 States QRP Group Second Sunday Sprint	CW Ph	RS(T), SPC, mbr or power	www.4sqrp.com
11	1300	15	2359	All, no WARC	ARRL School Club Roundup	CW Ph	RS(T), Class (I/C/S), SPC	www.arrl.org/school-club-roundup
13	0130	13	0330	3.5-14	NAQCC CW Sprint	CW	RST, SPC, mbr or power	naqcc.info
13	2000	13	2130	3.5	RSGB 80-Meter Club Championship, Data	Dig	RST, serial	www.rsgbcc.org
14	0000	14	2359	1.8-7	PODXS 070 Club Valentine Sprint	Dig	Name, OM/YL, SPC	www.podxs070.com
16	0000	17	2359	1.8-28	ARRL International DX Contest, CW	CW	RST, SP or power	www.arrl.org/arrl-dx
16	0800	16	1000	7	SARL Youth Day Sprint	Ph	RS, age	www.sarl.org.za
16	1200	17	1159	1.8-28	Russian PSK WW Contest	Dig	RST, 2-letter oblast or serial	rdclub.ru/russian-ww-psk-contest
16	1900	16	2059	1.8-28	Feld Hell Sprint	Dig	RST, mbr, SPC, 4-char grid	sites.google.com/site/feldhellclub
16	2300	17	2300	1.8-14	AWA Amplitude Modulation QSO Party	Ph	Name, SPC	www.antiquewireless.org
18	0200	18	0400	1.8-28	Run for the Bacon QRP Contest	CW	RST, SPC, mbr or power	qrpcontest.com/pigrun
20	1900	20	2030	3.5	AGCW Semi-Automatic Key Evening	CW	RST, serial, year first used a bug	www.agcw.org
22	2200	24	2200	1.8	CQ 160-Meter Contest, SSB	Ph	RS, SP or CQ Zone	www.cq160.com
23	0600	24	1800	3.5-28	REF Contest, SSB	Ph	RS, Department or serial	concours.r-e-f.org/contest
23	1300	24	1300	3.5-28	UBA DX Contest, CW	CW	RST, serial, province (if ON)	www.uba.be/en
23	1500	24	0159	1.8-50	South Carolina QSO Party	CWPhDig	RS(T), county or SPC	scqso.com/rules
23	1800	24	0559	3.5-28	North American QSO Party, RTTY	Dig	Name, SPC	www.ncjweb.com
24	0900	24	1700	3.5-28	High Speed Club CW Contest	CW	RST, mbr or "NM"	www.highspeedclub.org
24	1400	24	1700	3.5-14	SARL Digital Contest	Dig	RST, serial	www.sarl.org.za
24	1400	27	0800	1.8-144	Classic Exchange, Phone	Ph	Name, RS, SPC, rig model	www.classicexchange.org
24	1500	25	0059	3.5-144	North Carolina QSO Party	CWPhDig	County or SPC	ncqsoparty.org/rules
27	0000	27	0200	1.8-28	SKCC Sprint	CW	RST, SPC, name, mbr or power	www.skccgroup.com
27	2000	27	2100	3.5	UKEICC 80-Meter Contest	CW	4-char grid square	www.ukaiccc.com
28	2000	28	2130	3.5	RSGB 80-Meter Club Championship, CW	CW	RST, serial	www.rsgbcc.org/hf

All dates refer to UTC and may be different from calendar dates in North America. Contests are not conducted on the 60-, 30-, 17-, or 12-meter bands. Mbr = Membership number. Serial = Sequential number of the contact. SPC = State, Province, DXCC Entity. XE = Mexican state. Listings in blue indicate contests sponsored by ARRL or NCJ. The latest time to make a valid contest QSO is the minute listed in the "Finish Time" column. Data for Contest Corral is maintained on the WA7BNM Contest Calendar at www.contestcalendar.com and is extracted for publication in QST 2 months prior to the month of the contest. ARRL gratefully acknowledges the support of Bruce Horn, WA7BNM, in providing this service.

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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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 February 2019

Sat 2 Shack open 9:00-Noon; Radio Theory and Construction Workshop, 1:00-3:00 PM
Sun 3 Sun 9 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 4 **BARS By-Laws Meeting** 6:00 PM; **KY-QRP Discussion Group**, 7:00 PM, Meeting Room "B," Red Cross Bldg, 1450 Newtown Pike, Lexington
Mon 4 **Bluegrass ARS Club meeting**, 7:30 PM, Meeting Room "B," Red Cross Bldg, 1450 Newtown Pike; District 11 ARES Net 9:00 PM 146.925 (PL-79.7) linked to 147.180 (PL-74.4).
Tue 5 Amateur Swap Net, 145.370 (T-192.8) 8:00 PM; "Casual Communicators Net," 9:00 PM Eastern, 443.325+ MHz.
Wed 6 Six Shooters Net, 8:00 PM on 52.525 MHz FM (vertically polarized); **Fayette County ARES Net, 9:00 PM, 146.760 repeater.**
Thu 7 Meeting of Bluegrass ARS Technical Group, 6:30 PM, Education Ctr, basement, Red Cross Building, 1450 Newtown Pike, Lexington;
Jessamine Cty ARES Net, 7:30 PM, 145.490 Repeater, Gary Britten W4GNB net control.
Sat 9 Shack open 9:00-Noon; Radio Theory and Construction Workshop, 1:00-3:00 PM,
License Exam Session, Lexington: ARRL Liaison **Fernie Williams/KE4MAI**, ke4mai@arri.net, 859-652-3393
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) linked to 147.180 (PL-74.4) and other repeaters in the area.
Mon 11 Jessamine Amateur Wirelless Society meeting, 7:00 PM, St. Joseph/R.J. Corman Ambulatory Care Center, 1250 Keene Road, Nicholasville;
District 11 ARES Net 9:00 PM 146.925 (PL-79.7) linked to 147.180 (PL-74.4).
Tue 12 Amateur Swap Net 145.370 (T-192.8) 8:00 PM; "Casual Communicators Net," 9:00 PM Eastern,
443.325+ MHz;
Wed 13 Six Shooters Net, 8:00 PM on 52.525 MHz FM (vertically polarized); **Fayette County ARES Net, 9:00 PM, 146.760 repeater.**
Thu 14 Meeting of Bluegrass ARS Technical Group, 6:30 PM, Education Ctr, basement, Red Cross Building, 1450 Newtown Pike, Lexington;
Jessamine Cty ARES Net, 7:30 PM, 145.490 Repeater, Gary Britten W4GNB net control.
Sat 16 Shack open 9:00-Noon; Radio Theory & Construction Workshop, 1:00-3:00 PM, basement, Red Cross Bldg, 1450 Newtown Pike; .
Sun 17 Amateur Television & Specialized Communications Net, 9:00 PM (146.760 Repeater); District 11 Skywarn Net, 8:00 PM, 146.925 (PL-79.7 Hz) linked to 147.180 (PL-74.4 Hz)\
Mon 18 **BARS By-Laws Meeting** 6:00 PM; **Bluegrass ARS Board of Directors' Meeting**, 7:30 PM, Education Center in basement of Red Cross Building; ;
District 11 ARES Net 9:00 PM 146.925 (PL-79.7) linked to 147.180 (PL-74.4) and other repeaters in the area.
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Eastern, 443.325+ MHz.
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Skywarn Net, 8:00 PM, 146.925 (PL-79.7 Hz) linked to 147.180 (PL-74.4 Hz)\
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Jessamine Cty ARES Net, 7:30 PM, 145.490 Repeater, Gary Britten W4GNB net control.