



ARRL Standard



Pray for our
Troops



God Bless America!

QUA/HAMnews

January 2019

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Bluegrass Amateur Radio Society, Inc.

P.O. Box 4411, Lexington, Kentucky 40544-4411

Club Station K4KJQ

MARS Station AAV4CAB

Web Page: <http://www.bluegrassars.org>

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K4KJQ
146.160/.760

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 January program will be a discussion of the Winter Field Day 2018 and the up coming Winter Field Day 2019. The discussion will be lead by David Richardson/W9KHZ.

Reports of the RECORD OF THE BY-LAWS COMMITTEE MEETINGS will not be published in the newsletter due to length.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.



"Politics is supposed to be the second-oldest profession. I have come to realize that it bears a very close resemblance to the first."

Ronald Reagan



We wish to give thanks to Bill DeVore/N4DIT, for his many years of service not only as the newsletter chairman, editor, writer, and reporter; but also for the years, he has provided service to the Bluegrass Amateur Radio Society, Inc and to amateur radio. Bill has provided a great service by providing information, guidance and a great newsletter known through out the amateur community. He may not be doing the newsletter now, however, he will still be providing guidance and assistance to any and all amateurs. We thank you Bill for your dedication and service.

QUA/HAMnews

January 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, January 7, 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 David Richardson/W9KHZ. David will be describing our plans for the Winter Field Day, to be held on January 26-27, 2019, at the Kentucky Horse Park, Lexington, KY.

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.

Board of Directors' Meeting

Recorded and submitted by
R. William De Vore/N4DIT, Secretary (Retired)

The November 2018, Directors' Meeting was called to order at 7:40 P.M. by President Andrew Cook, KF4OWP. In attendance were: President Cook; First Vice President – Bill Fuqua, WA4LAV; Second Vice President – James Schlessler/WA9MED; Retired Secretary – R. William DeVore/N4DIT; Treasurer – John Barnes, KS4GL; and Director-at-Large – David Richardson, W9KHZ. MARS representative Harvey Frye, AA4HF, and member William Weaver/WE5P were also present.

Treasurer John Barnes, KS4GL, reported that no new applications for membership were received for review during the past month.

Treasurer John Barnes, KS4GL, submitted the summary treasurer's report of amounts available in deposits as of October 31, 2018. (See John's report in the side bar of this page.) Motion passed.

Committee Reports

Shack Committee: David Richardson/W9KHZ, reported that there was a crowd in the shack last Saturday morning. He mentioned that Greg Cross/W8FJK was among those who were there. Greg told David it has been many years since he has visited the shack and that he was impressed by the changes that have been made, especially with the operating stations available for anyone to use.

(continued on page 7)

General Meeting Minutes of December 3, 2018

Bluegrass Amateur Radio
Society (BARS)

Red Cross Building, Lexington,
Ky.

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

The December BARS General Meeting was called to order at 7:35pm by President Andrew Cook, KF4OWP.

Self-introductions were made by sixteen(16) licensed members which consisted a quorum, plus one(1) non-licensed visitor and four(4) licensed visiting non-member member amateur radio operators.

President Andrew Cook, KF4OWP, announced an abbreviated meeting in order to count ballots for the election of officers for 2019, and for members to participate in the silent auction of club surplus and donated equipment.

The President also announced that Terry Layman, N6OKR, will resume the Monthly Trivia Question Challenge beginning again at the January General Meeting. Sandy Gragg, KM4PJU, reported that there were twelve(12) attendees at the recent six(6)-hour workshop Weather Spotting training in Campbellsville. Also that the upcoming EOC tour and training will be limited to forty(40) participants for preliminary preparation of CSEPP phase-out (Chemical Stockpile Emergency Preparedness Plan).

James Schlessler, WA9MED, announced that the program for the January meeting will be Winter

Field Day, presented by David Richardson, W9KHZ.

Treasurer's Report – John Barnes, KS4GL.
No new membership applications were received for consideration at the December meeting. (see page 6 for summary of Treasurer's Report).

David Richardson, W9KHZ, moved and Harvey Frye, AA4HF, seconded to accept the treasurer's report, which was approved unanimously.

A meeting recess was called at 7:45pm for counting of the ballots and the silent auction and reconvened at 8:30pm.

The ad hoc Nominations Committee, Bart Breeding, KF4EEG, and Bill Weaver, WE5P, announced the results of the election. Seventy-six(76) ballots were mailed to the current voting members, and thirty-one(31) ballots were counted for valid candidates.

President:
Andrew Cook, KF4OWP: 29.
Tim Kunkel, KF4MPM: 1
First Vice President:
William L. Fuqua, WA4LAV, 29
Second Vice President:
David Richardson, W9KHZ: 30.

Secretary:
Bruce Campbell, KM4EHU: 28.
Bill DeVore, N4DIT: 1

Treasurer:
John R. Barnes, KS4GL: 30

Directors-at Large:
Tim Kunkel, KF4MPM: 29.

Mark Elliott, KN4HVX: 29.

Bill weaver, WE5P: 1

Mike Saulsbury, WB0JZO, moved and Terry Layman, N6OKR, seconded that the results of the election for the 2019 officers be accepted which was accepted without objection

Treasurer John Barnes, KS4GL, reported that the Silent Auction resulted in \$718.00 for the club. With no other business at 8:55pm, James Schessler, W9MED moved and Brad James, WA4HBM, seconded, that the meeting be adjourned, which was approved unanimously.

After the meeting Terry Layman, N6OKR, auctioned a small assortment of his antique and "mature" radio and electronic equipment.

The next BARS scheduled meetings and activities in December and January and February are:

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

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

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

KY QRP Meeting: Monday, Monday, January 7th, 7:00pm.

(continued on page 3)

(continued from page 2, General Meeting, December 3 2018)

BARS General Meeting: Monday, January 7th, 7:30pm.

Program: Winter Field Day.

Bylaws Committee Meeting: Monday, January 21st, 6:00pm.

Directors' Meeting: Monday, January 21st, 7:30pm.

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

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

KY QRP Meeting: Monday, February 4th, 7:00pm.

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.



QuotesIdeas.com

Where's the Rare DX?

OPDX Bulletin 1394 December 17, 2018

www.papays.com/opdx1394.html

December 17, 2018

GHANA (9G)

Matt, IZ4YGS, will soon be active as 9G5GS from Sanzule, West Takoradi (Western Region), Ghana. His length of stay is unknown. Activity will be on various HF bands. QSL via IZ4YGS, direct or eQSL.

RWANDA (9X)

Harald, DF2WO, will once again be active as 9X2AW from Kigali between January 18th and February 14th. He is currently preparing his 160m antenna and will build a Hexbeam with Bamboo Sticks for working on 20/17/15/12/10 meters using mainly Digital modes (FT8, PSK31, JT65 and RTTY), CW and SSB. QSL via M0OXO's OQRS.

BAHAMAS (C6)

Heli, DD0VR, (along with XYL Bigi, DE3BWR) will be active as C6A/DD0VR from Bahamas between January 21st and February 2nd, 2019. Look for Heli to possibly operate on various HF bands from different Islands. QSL via his home callsign, direct or by the Bureau. ADDED NOTE: Heli also mentions that he will be active in 2019 from the following locations: in September 2019, to Fiji (3D2) between September 2-9th, Samoa (5W) between September 9-16th, Tonga (A3) between September 16-21st, and back to Fiji again, between September 23-27th. They are currently trying to obtain the licenses.

GUADELOUPE (FG/T07)

Jean-Pierre, F6ITD, will once again be active as FG/F6ITD from Guadeloupe and one of its islands between January 14th and March 13th (2019). This is his 10th trip. Island mentioned is La Desirade Island (IOTA NA-102, Lighthouse GUA005 and French FloraFaune FFF 1000). Activity will be on all HF bands (80-6m) using CW, SSB, FT8 and the Digital modes. Look for him to use the callsign T07D during some contests. Radio equipment is a FT-450D + Tokyo 550 Power 500w. QSL via his home callsign, direct or LoTW (preferred). Logs will be uploaded to ClubLog and LoTW.

OGASAWARA (JD1)

Harry, JG7PSJ, will once again be active as JD1BMH from Chichijima Island (AS-031) between December 17th and January 2nd. This will be his 22nd visit. Activity will be on 160-10 meters using CW, SSB and RTTY. QSL via the Bureau to JD1BMH or direct to JG7PSJ. Visit his Web page for more details at: <http://sapphire.es.tohoku.ac.jp/jd1bmh> Also, on Twitter: <https://twitter.com/jd1bmh>

ARUBA (P4)

(Update/Date Change). John, W2GD, will once again be active as P40W from Aruba (SA-036) during the ARRL International DX CW Contest (February 16-17th) as a Single-Op/All-Band entry. He will be there between February 11-18th (not 18-25th as first announced). Operations outside of the contest are usually on 160/80m and 30/17/12 meters as time permits. Watch 160m on the hour and 80m on the half hour. QSL via LoTW or direct to N2MM, Bureau cards are no longer accepted. Logs will be loaded on LoTW upon his return to the USA.

Winter Field Day 2018

Winter Field Day 2018 was a learning experience and it's supposed to be. The outside temperature warmed up from the previous 5° F that it was a few days before, but then the rain came and it was relentless. We learned a lot about canopy placement, food storage and trailer placement, mostly we learned that we did it wrong.

It rained all night, but that didn't stop us hardened HAMs from our radio work nor did it stop the racoons from taking over our campsite. Sneaky little buggers stole most of our food that we had stored on a table under a pop up canopy. We could hear them fighting over it but when we stepped out of the trailer they vanished...David Copperfield has nothing on racoons.

By the time daylight came we had about 8" of mud and food wrappers pretty much strewn over a 5 acre area.

However, over the course of the night we had multiple contacts and at one point I was hitting several a minute and logged ~100 over the course of an hour on 80 meter phone. That was quite fun!! Additionally, we had some visitors who spent a few hours with us and chatted about the hobby...one of our visitors at 2018 Winter Field Day was Mark Elliot KN4HVX who was a newly licensed HAM at the time, now Mark is a very active member of BARS and was just elected to our Board to serve in 2019.

Notes for this year....

1. Keep food secured in a automobile or a lockable container.
2. Don't place a canopy so that water runs off where we walk.
3. Have a better weather proof shelter (I bought a huge tent on Sunday afternoon after I got home and dried off)
4. Bring rubber boots.
5. More coax!

As always and most importantly, have fun. Practicing the rapid deployment of emergency communication stations in all types of adverse weather is why we do this but building the friendships and relationships with our fellow club members is what I look forward to the most.

See you in Jan 26, 27 2019 at the KY Horse Park. Come out and work a radio or just visit. Stay as long or as little as you want.

David Richardson

W9KHz



TREASURER'S REPORT

Respectfully submitted by John Barnes/KS4GL, Treasurer

BLUEGRASS AMATEUR RADIO SOCIETY, INC.

INCOME, EXPENSES, AND ACCOUNT BALANCES

as of November 30, 2018

	Checking	PayPal	Savings	
	Account	Account	Account	Total
INCOME:				
ARRL Dues	0.00	0.00	0.00	0.00
BARS Dues	20.00	0.00	0.00	20.00
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	0.00	0.00	0.04	0.04
Sales Tax	0.00	0.00	0.00	0.00
Miscellaneous	0.00	0.00	0.00	0.00
Total	20.00	0.00	0.04	20.04

EXPENSES:

ARRL Dues	0.00	0.00
Coax/Repeaters	0.00	0.00
Donations	450.00	450.00
Education	0.00	0.00
Election	0.00	0.00
Equipment	595.58	595.58
Field Day	0.00	0.00
Hamfest	0.00	0.00
Insurance	341.84	341.84
Miscellaneous	0.00	0.00
Newsletter	0.00	0.00
Picnic	0.00	0.00
P O Box	120.00	120.00
Sales Tax	0.00	0.00
Telephone	0.00	0.00
Total	1507.42	1507.42

ACCOUNT BALANCES

	October 31, 2018	November 30, 2018
Checking Balance*	12761.20	11273.78
PayPal Balance	3120.32	3120.32
Savings Balance	200.78	200.82
Total Balance	16082.30	14594.92

* Fund-specific balances in Checking Account

General	10046.93	8559.51
Coax/Repeater	804.98	804.98
Education	1909.29	1909.29
Total Checking	12761.20	11273.78

Winter Field Day Association

Winter Field Day Association (WFDA) is a dedicated group of Amateur Radio Operators who believe that emergency communications in a winter environment is just as important as the preparations and practice that is done each summer but with some additional unique operational concerns.

We believe as do those entities of ARRL Organizations like ARES & RACES that maintaining your operational skills should not be limited to fair weather scenarios. The addition of Winter Field Day will enhance those already important skills of those that who generously volunteer their time and equipment to these organizations. This is why WFD is open to all licensed amateur radio operators worldwide.

Disasters are unpredictable by nature and can strike when you least expect them. WFDA's goal is to help enhance your skills and ready you for all environmental conditions found in the US and Canada during the spring, summer, fall and winter Preparedness is the key to a professional and timely response during any event and this is what local and state authorities are expecting when they reach out to the emergency service groups that offer their services.

(Continued on page 6)

(continued from page 5, Winter Field Day Association)

during the spring, summer, fall and winter Preparedness is the key to a professional and timely response during any event and this is what local and state authorities are expecting when they reach out to the emergency service groups that offer their services.

If you are serious about emergency communications as we are; we welcome you to join us for our yearly event. We are sure you will find this event a pleasant change and challenge to that of a normal summer time field day.



SPECIAL EVENT STATIONS

01/02/2019 |

13th Annual Straight Key CW Event Jan 2-Jan 31, 0000Z-2359Z, K3Y, Various Cities. SKCC - Straight Key Century Club. 21.050 14.050 7.055 3.550. QSL. SKCC c/o Jeremy Downard - KD8VSQ, 511 W. Pottawatomie St., Tecumseh, MI 49286. K3Y/0 thru 9 plus KH6, KL7, KP4 and DX member stations in six WAC areas operating straight key, bug and cootie keys. QSL card confirms one QSO per area, up to 19 for all-area sweep. See URL for sched, map, stats, etc. www.skccgroup.com/k3y

01/05/2019 |

Picacho 50th Anniversary Jan 5, 1600Z-2000Z, K7T, Picacho, AZ. Oro Valley ARC. CW: 7.040, 14.040; SSB: 7.200, 14.250; FT-8: 7.074, 14.074, 18.100. Certificate. No paper QSLs, please send email for PDF, certificate. No paper QSLs, please. Send email for PDF certificate. www.TucsonHamRadio.org

01/09/2019 |

Lake Havasu City Balloonfest Jan 9-Jan 14, 0000Z-0000Z, K7B, Lake Havasu City, AZ. London Bridge Amateur Radio Association. 18.145 14.245 7.200 3.890. Certificate. Garry F. Fisher, 1850 Rainbow Ave S, For Certificate, Lake Havasu City, AZ 86403. www.lbara.org

01/12/2019 |

USS Midway Museum Ship Special Event: Desert Storm Kickoff Jan 12, 1700Z-2359Z, NI6IW, San Diego, CA. USS Midway (CV-41) Museum Ship. 14.320 7.250; PSK31 on 14.070.

QSL. USS Midway (CV-41) COMEDTRA, 910 N Harbor Drive, San Diego, CA 92101

01/15/2019 |

4th Annual "RST" Special Event Jan 15-Feb 28, 0000Z-2359Z, VE8RST, various, AK. North Country DX Association. All bands, all modes. Certificate & QSL. For QSL: John Reisenauer, 2573 Old Georgetown Rd W, Kershaw, SC 29067. For QSL, US please send \$1 and SASE, foreign send \$3 and SAE. See website for information on receiving a certificate, and for more information on this event. Participating calls: KL7RST, VE8RST, OX7RST, VY1RST, VY0RST, N1RAC, and K7ICE. www.qrz.com/db/k7ice

01/19/2019 |

Quartzfest Jan 19-Jan 27, 0800Z-1200Z, W7Q, San Luis, AZ. Quartzfest. 28.385 21.385 14.285.

QSL. Kristyn Weed, 1519 N Camino Emiliano, Tucson, AZ 85745. quartzfest.org

01/26/2019 |

Celebrating the Admission of the Kansas Territory in to the Union as the 34th State Jan 26, 1600Z-2100Z, KS0KS, Olathe, KS. Santa Fe Trail Amateur Radio Club. 14.250 14.055 10.115 7.250. QSL. Santa Fe Trail ARC, P.O. Box 3144, Olathe, KS 66063. www.sftarc.org

01/26/2019 |

Discovery of Gold in California 171th Anniversary Special Event Station Jan 26-Jan 28, 1700Z-0100Z, AG6AU, Placerville, CA. El Dorado County Amateur Radio Club. 14.248 7.248. QSL. El Dorado County ARC, P.O. Box 451, Placerville, CA 95667. www.edcarc.net

01/26/2019 |

See The Light Jan 26, 1200Z-2359Z, WA4TRS, Fairview, NC. The Road Show Amateur Radio Club, Inc.. 14.240 7.074 7.072 7.070. Certificate & QSL. The Road Show Amateur Radio Club, Inc., 57 Echo Lake Drive, Fairview, NC 28730. The practice run for the 2019 Lightbulb QSO contest, March 9th 20:00 UTC through March 10th 20:00 UTC. Test your "Lightbulb Antenna" and work ours! www.wa4trs.org

Board of Directors' Meeting (continued from 1)

David reported that the last two electronic door locks will be installed next Saturday. He also asked if any of the equipment now in the Education Center can be retained and used for Club/Shack use. David and James Schlessler/WA9MED have identified space where usable equipment can be stored.

Bill Fuqua/WA4LAV said he cannot be at the shack early on Saturdays, but he will try to be there earlier than normal and he, David, James, and anyone else who may be there, can select equipment that can be used.

David said that if a couple of week days of nice weather are forecast they will plan to work on the HF antenna/tower. He said as long as they can get a good start on rebuilding the antenna, it will be a positive step. Andrew said he would like to have the antenna rebuilt before December, or at least by early December. The six-meter antenna work can be worked on in a like manner. Program Committee: James Schlessler/WA9MED confirmed the December program will be the Club's annual auction conducted by J.B. Young/WA4WWH. No new programs have been scheduled for next year, but all of the annual programs (January - Winter Field Day; March - Severe Weather Training; June - Summer Field Day; August - Hamfest; September - Family Picnic; December - Auction) will be continued. He said maybe Bart Breeding/KB4FEE will present a program explaining the web page rebuild he is doing. Bart then outlined the changes he has made

to the web page. He encouraged everyone to check out the web site (bluegrassARS.org). A very long discussion followed about web sites in general, and the Club's in particular. Bart noted that the Club has a YouTube channel (started by Brad James/WA4HBM some time ago). He noted that if anyone who has something they would like to put on it may contact him (aratat291@twc.com).

David Richardson/W9KHZ mentioned the problem Bart and others has been having with the telephone answering system. It seems no one can figure out what the problem is nor how to solve it. Bill Fuqua/WA4LAV said he will call the telephone service to see if Pat can offer any usable suggestions.

Old Business

Bill Fuqua/WA4LAV asked for at least two people to go out to the storage unit to inventory what is stored there. The widow of the donor may need an inventory for her taxes (the new tax law may or may not provide for her to declare the donation(?)). James Schlessler/WA9MED suggested board members meet next Wednesday at the storage unit and determine how to best complete an inventory. Saturday morning will be a work day to organize the large amount of equipment that has been brought to the shack to free up space for more equipment to be brought in, and of course to provide table space to hold classes, meetings, etc.

New Business

None

Being no further business, Bill Fuqua/WA4LAV moved the meeting be adjourned. A second was voiced by James Schlessler/WA9MED. Motion passed and the meeting was called adjourned at 8:50 PM.

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	Digital Modes	Bart Breeding/KB4FEE	
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		
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, eppersond@aol.com, 859-771-1834

Danville (ARRL VEC) - Test sessions are fourth Saturday in January, April, July and October at 10:00 AM. Liaison John Wulf/K4FT, johnk4ft@gmail.com, 563-505-0339, Wilderness Road 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 Bluegrass ARS, first Monday each month, but at 7:00 PM, in Meeting Room "B", second floor of the Red Cross Building, 1450 Newtown Pike, Lexington.

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

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

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

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

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

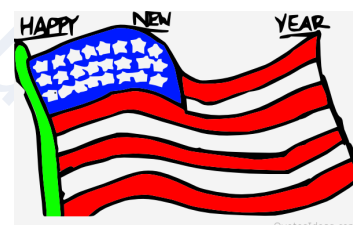
WCARS VEC: Lexington - Liaison **Margueritte Williams/KE4MAJ**, ke4maj@arrl.net, 859-489-6274 (www.bluegrassars.org)

W5YI VEC: Winchester - Liaison **Darrell Epperson/AC4YD**, eppersond@aol.com, 859-771-1834

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

Date and Time	VEC	Location
Saturday, January 12, 2019 10:00 am	W5YI	Winchester
Saturday, January 26, 2019 10:00 am	ARRL	Danville
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

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.



"INSANITY
IS DOING THE
SAME THING OVER
AND OVER AND
EXPECTING A
DIFFERENT RESULT."

--ALBERT EINSTEIN

EINSTEIN

Has obviously never used a computer before

www.Lefunny.net



QuotesIdeas.com

Maria Somma, AB1FM, ab1fm@arri.org

Exam Info

General Pool Update and 2019 Exam Fee

New General Question Pool to Take Effect July 1

On July 1, 2019, a new Element 3 General-class question pool will take effect for examinations. VECs and VEs will have new test designs available that must be used at exam sessions effective that date.

The newly revised pool, released in December 2018 by the Question Pool Committee (QPC) of the National Conference of Volunteer Examiner Coordinators (NCVEC), must be in use starting on July 1. In this pool, there is one graphic required and 453 questions, down slightly from 462 in the previous pool. To view all three question pools, visit the NCVEC website at www.ncvec.org.

Previous ARRL VEC-supplied General-class exam booklet versions (2015 series) and computer-generated General-class exams that were created from the 2015 question pool are only valid until midnight on June 30, 2019. At that time, VE team leaders may destroy the old versions of the General-class exams.

ARRL VEC has supplied its officially appointed field stocked VE teams with new exam booklet designs. Field stocked teams that no longer meet the field stock requirements or who have not conducted a session in the past year and non-field stocked teams that have been keeping supplies without qualifying through the VEC will not receive an updated package. Non-stocked VE teams should be returning their exam packages and supplies to ARRL VEC after the session is completed. The officially stocked VE teams receive

their exam supplies in a large box, which is a 6-month-to-1-year supply, depending on the team's activity levels. To see if your team qualifies to be field stocked with a bulk quantity of our test materials, visit www.arri.org/field-stocked-ve-teams.

2019 ARRL VEC Examination Fee Remains at \$15

A \$15 fee is charged to every person seeking a new license or upgrade, as listed on your ARRL VEC Candidate Roster. This fee pays for one attempt at each of the three exam elements. If an applicant retests an exam element, another \$15 fee is charged (and another roster entry is created).

VEC activities and fees are governed by FCC rules. VECs are allowed to collect an examination reimbursement fee from each candidate who takes one or more exam elements. Per FCC Rule §97.527, VECs and VEs may be reimbursed by examinees for out-of-pocket expenses incurred in preparing, processing, administering, or coordinating an examination for an amateur operator license. To use exam fees for anything other than costs directly incurred in relation to exam session administration would be a violation of FCC rules.

As long as the expense is warranted and has been prudently incurred, and the expense is specifically related to exam administration, then ARRL VE teams may retain up to \$7 of this fee. The team should keep a complete record of the expenses paid (with receipts) in team records for 2 years. Records must be made available to ARRL VEC upon request. Costs should not exceed the

Question Pool Schedule

The three current question pools (and any exam designs based on these question pools) are valid as follows:

Technician-class (Element 2) Pool effective July 1, 2018 is valid until June 30, 2022.

Questions withdrawn from use: none.

New General-class (Element 3) Pool will take effect July 1, 2019, and will be valid until June 30, 2023.

Current General-class (Element 3) Pool effective July 1, 2015 is only valid until June 30, 2019.

Questions withdrawn from use: G1E10 and G5B08.

Amateur Extra-class (Element 4) Pool effective July 1, 2016 is valid until June 30, 2020.

Questions withdrawn from use: E9H03 deleted.

The question pools review and update is part of a regular process. Each question pool is reviewed and updated on a 4-year rotation. The Extra-class question pool is scheduled to be updated in 2020.

Important Reminder

The new NCVEC Form 605 (issued September 2017 or later), which includes the updated basic qualification question section, must be used at exam sessions. Older versions of the form are obsolete. Each applicant applying for a new or upgraded license must answer the basic qualification question. A question left unanswered will result in the application being rejected by the FCC. It's imperative for VE teams to ensure the applicants use the correct 605 forms and that the forms are accurately completed.

allowable reimbursement fees and may not be kept if no expenses were incurred. Using the fees for any other Amateur Radio initiatives or activities would be a misuse of the fees.

Exam fee and reimbursement information for VE Teams and examinees are on the ARRL VEC exam fee page at www.arri.org/arri-vec-exam-fees.

Contest Corral January 2019

www.arrl.org/contests

Bruce Draper, AA5B, aa5b.corral

- Jan 1 0900 1 1200 3.5-14 AGCW Happy New Year Contest CW RST, serial, mbr (if any) www.agcw.org
 1 1400 1 1800 144, 432 AGCW VHF/UHF Contest CW RST, serial, power class, 6-char grid www.agcw.org
 1 1500 1 1800 3.5-28 QRP ARCI New Year's Sprint CW RST, SPC, mbr or power www.qrparci.org/contests
 Jan 2 2000 2 2100 3.5 UKEICC 80-Meter Contest Ph 4-char grid square www.ukeicc.com
 2 2300 6 2300 1.8-7 AWA Linc Cundall Memorial
 CW Contest CW RST, equipment year, power www.antiquewireless.org
 Jan 3 1800 3 2200 28 NRAU 10-Meter Activity Contest CW Ph Dig RS(T), 6-char grid www.nrau.net/activity-contests
 3 2000 3 2200 1.8-28 SKCC Sprint Europe CW RST, SPC, name, mbr or power www.skccgroup.com
 Jan 5 0000 5 2359 3.5-28 PODXS 070 Club PSKFest Dig RST, SPC www.podxs070.com
 5 1200 6 1200 3.5-28 WW PMC Contest CW Ph RS(T), PMC abbreviation or CQ zone www.s59dcd.si
 5 1300 5 1700 3.5, 7 RSGB AFS Contest, CW Ph RST, serial www.rsgbcc.org/hf
 5 1800 5 2359 3.5-14,18, 21, 24, 28, 144 repeaters
 ARRL Kids Day Ph Name, age, QTH, favorite color www.arrl.org/kids-day
 5 1800 6 2359 3.5-28 ARRL RTTY Roundup Dig RST, SP (or serial, if DX) www.arrl.org/rtty-roundup
 5 2000 6 0700 1.8 EUCW 160-Meter Contest CW RST, name, mbr or "NM" www.eucw.org
 Jan 7 0800 13 2000 All IQRP Quarterly Marathon CW Ph Dig RS(T) www.arimontebelluna.it
 Jan 8 0200 8 0400 3.5-28 ARS Spartan Sprint CW RST, SPC, power arsqrp.blogspot.com
 Jan 12 0000 12 2359 3.5-28 YB DX Contest Ph RS, serial ybdxcontest.com
 12 0500 12 0900 3.5-28 Old New Year Contest CW Ph RST, sum of operator age
 and years on the air www.radio.ru/cq/contest/rule-results/index7.shtml
 12 1200 13 1200 3.5-28 UBA PSK63 Prefix Contest Dig RSQ, UBA section or serial www.uba.be/en
 12 1200 13 2359 1.8-50 SKCC Weekend Sprintathon CW RST, SPC, name, mbr or "none" www.skccgroup.com
 12 1800 13 0559 1.8-28 North American QSO Party, CW CW Name, SPC www.ncjweb.com
 Jan 13 0530 13 0730 3.5, 7 NRAU-Baltic Contest, SSB Ph RST, serial, 2-letter Fylke/
 Lan/Province/Region www.nrau.net/activity-contests
 13 0800 13 1000 3.5, 7 NRAU-Baltic Contest, CW CW RST, serial, 2-letter Fylke/
 Lan/Province/Region www.nrau.net/activity-contests
 13 0900 13 1059 28 DARC 10-Meter Contest CW Ph RS(T), serial, DOK or serial www.darc.de
 13 1300 13 1700 3.5, 7 RSGB AFS Contest, SSB Ph RS, serial www.rsgbcc.org/hf
 13 1300 16 0700 1.8-144 Classic Exchange, CW CW Name, RST, SPC, radio manufacturer
www.classicexchange.org
 Jan 14 0100 14 0300 1.8-28 4 States QRP Group
 Second Sunday Sprint CW Ph RS(T), SPC, mbr or power www.4sqr.com
 Jan 17 0130 17 0330 3.5-14 NAQCC CW Sprint CW RST, SPC, mbr or power naqcc.info
 Jan 18 1800 18 2200 3.5, 7 LZ Open Contest CW Serial, serial from previous QSO www.lzopen.com
 Jan 19 1200 20 1159 1.8-28 Hungarian DX Contest CW Ph RS(T), mbr or serial www.ha-dx.com/HADX
 19 1300 19 1700 3.5, 7 RSGB AFS Contest, Data Dig RST, serial www.rsgbcc.org/hf
 19 1800 20 0559 1.8-28 North American QSO Party, SSB Ph Name, SPC www.ncjweb.com
 19 1900 19 2300 1.8 WAB 1.8 MHz Phone Ph RS, serial, WAB square or country wab.intermip.net
 19 1900 21 0359 50 and up ARRL January VHF Contest CW Ph Dig 4-char grid square
www.arrl.org/january-vhf
 19 2000 20 0559 1.8-7 Feld Hell Sprint Dig RST, mbr, SPC, grid sites sites.google.com/site/feldhellclub
 Jan 21 0200 21 0400 1.8-28 Run for the Bacon QRP Contest CW RST, SPC, mbr or power qrptest.com/pigrun
 Jan 23 0000 23 0200 1.8-28 SKCC Sprint CW RST, SPC, name, mbr or power www.skccgroup.com
 23 0130 23 0330 1.8 NAQCC CW Sprint CW RST, SPC, mbr or power naqcc.info
 Jan 25 2200 27 2200 1.8 CQ 160-Meter Contest, CW CW RST, state/province (or CQ zone, if DX) www.cq160.com
 Jan 26 0600 27 1800 3.5-28 REF Contest, CW CW RST, department or serial concours.r-e-f.org/reglements
 26 1200 27 1200 3.5-28 BARTG RTTY Sprint Dig Serial bartg.org.uk
 26 1300 27 1300 3.5-28 UBA DX Contest, SSB Ph RST, serial, province (if ON) www.uba.be/en
 26 1900 27 1900 All, no
 WARC Winter Field Day CW Ph Dig Category, ARRL section (or "DX") www.winterfeldday.com
 Jan 30 2000 30 2100 3.5 UKEICC 80-Meter Contest CW 4-char grid square www.ukeicc.com

QUA/HAMnews is published monthly by the Newsletter Committee of the Bluegrass

Amateur Radio Society, Inc., and is distributed by e-mail only.

Letters to the editor, technical articles, items of interest to the Ham community and guest editorials are invited and will be published at the discretion of the editor. Items for sale by members of the Society will be advertised without charge for one issue, and may be resubmitted as often as desired. These ads must be noncommercial in nature.

Articles published in QUA/HAMnews do not necessarily represent the views of the Officers, Board of Directors, editor, or Society membership, nor does publication thereof represent concurrence by the Officers, Board of Directors, editor, or Society membership of the contents of the article. No article will be published unless it is accompanied by the name(s) of the person(s) submitting the material.

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mello72@yahoo.com

Annual Dues (January 1 - December 31)

Payable using Pay Pal - Go to <<http://www.BluegrassARS.org>>, Click on

"Membership," click on the option for your preference as below:

Regular Membership: One year - \$20.00; two years - \$38.00; three years

- \$55.00 (Additional family member(s) at the same address \$1.00 each per year)

Associate Membership - \$15.00 (for those who reside farther than 50 miles from Lexington)

Full-Time Student Membership - \$12.00 (for those 21 and under, and no other Club member in the family)

Shack telephone: (859) 231-0974 web page: <http://www.BluegrassARS.org/>



Calendar of Ham Radio Activities for January 2019



Tue 1	New Year's Day
Wed 2	Six Shooters Net, 8:00 PM on 52.525 MHz FM (vertically polarized); Fayette County ARES Net, 9:00 PM, 146.760 repeater
Thu 3	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 5	Sat 8 Shack open 9:00-Noon; Radio Theory and Construction Workshop, 1:00-3:00 PM
Sun 6	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 7	KY-QRP Discussion Group , 7:00 PM, Meeting Room "B," Red Cross Bldg, 1450 Newtown Pike, Lexington
Mon 7	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 8	Amateur Swap Net, 145.370 (T-192.8) 8:00 PM; "Casual Communicators Net," 9:00 PM Eastern, 443.325+ MHz.
Wed 9	Six Shooters Net, 8:00 PM on 52.525 MHz FM (vertically polarized); Fayette County ARES Net, 9:00 PM, 146.760 repeater.
Thu 10	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 12	Shack open 9:00-Noon; Radio Theory and Construction Workshop, 1:00-3:00 PM, License Exam Session, Winchester - W5YI, Liaison Darrell Epperson/AC4YD, epperson@aol.com, 859-771-1834
Sun 13	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 14	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 15	License exam session 7:00 PM, sponsor WCARS VEC, Lexington, liaison Margueritte Williams/KE4MAJ , ke4maj@arrl.net, 859-489-6274 (www.bluegrassars.org); Amateur Swap Net 145.370 (T-192.8) 8:00 PM; "Casual Communicators Net," 9:00 PM Eastern, 443.325+ MHz;
Wed 16	Six Shooters Net, 8:00 PM on 52.525 MHz FM (vertically polarized); Fayette County ARES Net, 9:00 PM, 146.760 repeater.
Thu 17	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 19	Shack open 9:00-Noon; Radio Theory & Construction Workshop, 1:00-3:00 PM, basement, Red Cross Bldg, 1450 Newtown Pike; .
Sun 20	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 21	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.
Tue 22	License exam session 7:00 PM, sponsor WCARS VEC, Lexington, liaison Margueritte Williams/KE4MAJ , ke4maj@arrl.net, 859-489- 6274 (www.bluegrassars.org); Amateur Swap Net 145.370 (T-192.8) 8:00 PM; "Casual Communicators Net," 9:00 PM Eastern, 443.325+ MHz.
Wed 23	Six Shooters Net, 8:00 PM on 52.525 MHz FM (vertically polarized); Fayette County ARES Net, 9:00 PM, 146.760 repeater.
Thu 24	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 26	Winter Field Day, KY Horse Park; Radio Theory and Construction Workshop, 1:00-3:00 PM, basement, Red Cross Bldg, 1450 Newtown Pike; License Exam Session, Danville - ARRL, Liaison John Wulf/K4FT, johnk4ft@gmail.com, 563-505-0339
Sun 27	Winter Field Day, KY Horse Park; 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 28	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 29	Amateur Swap Net 145.370 (T-192.8) 8:00 PM; "Casual Communicators Net," 9:00 PM Eastern, 443.325+ MHz;
Wed 30	Six Shooters Net, 8:00 PM on 52.525 MHz FM (vertically polarized); Fayette County ARES Net, 9:00 PM, 146.760 repeater.
Thu 31	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.