



ARRL Standard



Pray for our
Troops



God Bless America!

QUA/HAMnews

April 2019

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**ALL MEMBERS NEED TO UPDATE CONTACT INFORMATION
WITH JOHN BARNES**

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**Are you interested in ARES or Emergency Communications?
Contact Sandy Gragg at sandygragg@gmail.com**

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145.010 and 145.090

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

Web Page: <http://www.bluegrassars.org>
E-mail: k4kjq@bluegrassars.org

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 April program will be a discussion on the Portable Go-Bags and will be led by David Richardson.

Reports of the RECORD OF THE BY LAWS COMMITTEE MEETINGS will not be published in the newsletter due to length.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, it seems to me, for years, or all too long, has been concerned with right or left instead of right or wrong.
~Richard Armour



CENTRAL KENTUCKY HAMFEST Saturday August 10, 2019

QUA/HAMnews

April 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, April 1, 2019, at 7:30 PM, in Meeting Room B, second floor of the Red Cross Building, 1450 Newtown Pike, Lexington.

The program will be about Portable Go-Bags and will be presented by David Richardson.

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.

"My psychiatrist told me I was crazy and I said I want a second opinion. He said okay, you're ugly too"

Rodney Dangerfield

"AMATEUR RADIO "GO KIT"

<http://www.harc.net/programs/amateur-radio-go-kit.pdf>

What Is A 'Go kit' ?

A Go-Kit is made up of a portable "Amateur radio" station and assorted personal gear that can quickly be assembled to respond to a "Call To Service". What the kit will consist of depends on the type of incidents being responded to and potential extent of the events.

**Being Prepared and Equipped to serve,
enables rapid deployment**

What Is In A "Go Kit"?

A typical "go" kit should sustain a day of continuous operation and be easily supplemented for overnight or weekend trips. The bare essentials are a 2-meter or dual-band radio, some sort of "gain" antenna, auxiliary power source, writing materials, comfort and safety items. You can do a lot with a minimum kit, if you plan its contents carefully. There is risk of not having something you may need if you go "too" light, but obvious "bells and whistles" should stay home.

A Go-Kit radio is usually capable of more transmitter power than a HT. It is good practice to use no more transmitter power than required, but it is also necessary to have enough power available to complete the communications.

(continued on page 2)

Field Day June 22-23, 2019

Plan now to join us for the annual field day.

(continued from page 1,
Amateur Radio, "GO KIT")

The additional transmit power does not have to be utilized, but if needed, it is there.

The ARRL ARES Field Resources Manual provides excellent guidance on "Go" kits.

Go Kit Radio Items

1. A mobile radio with switching power supply or an HT, Dual Band is recommended. Mono-Band OK.
2. Magnetic-mount antenna for your radio and BNC, SMA, PL-259, SO-239 adapters for your radio to connect to your antenna.
3. Emergency power for your mobile radio (gel-cell battery) The dry cell battery pack and 2 extra sets of batteries for your HT.
4. The car and wall charger for the HT.
- 5 The radio manuals or a cheat sheet.
6. A headset with mike - can keep both hands free. Don't disturb others.
7. A notebook, clipboard or logbook.
8. Several pens and pencils.
9. A copy of your Amateur Radio License as well as your Drivers license.
10. Your "favorite" pain relievers as well as any prescribed medications.
11. A multi-tool like Gerber or Leatherman or a Swiss Army knife. Get a good one. Lesser brands are not reliable.
12. Any special size tools your

radio uses like tiny screw-drivers, etc.

13. A basic first aid kit



Emergency Go-Kit

Planning

preparing your gear for emergency responsescenarios

<http://kv5r.com/ham-radio/emergency-go-kit-planning/>
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What's a "Go-Kit?"

A go-kit (or jump-kit) is what you prepare, keep ready, and grab on the way out the door when responding to the call for emergency response duties. It may consist of a fisherman's vest, a bag or satchel, or any kind of soft (but well made) "carry-on" luggage. It must contain all the stuff you will or may need for at least a 24 hour stay at your post.

Getting it All Together

This is a list of items that might go into a go-kit or jump-kit. Your needs will vary. See notes.

If you read it before, read it again – many refinements! Your comments are welcome.

The Kit should consist of a flexible system divided between a vest, a bag, and your vehicle. The vest must be light enough to wear for hours, while keeping certain items at hand. The bag should contain larger, bulkier items, as

well as re-supply for the vest. Your automobile should contain more resupply items, as well as items you will need if your role is changed or extended. This requires considerable forethought and experience! The greatest and most frequently seen failures in emergency communications are insufficient batteries and insufficient antennas. If you can't hit net control with full quieting and strong modulation – for 36 hours! – then everything else is a total waste...

Most Important!

If you do nothing else, GET and FIELD TEST external POWER and external ANTENNA for your HT! ...or YOU will be the one that delayed the net and caused confusion by not quite being able to hit the repeater! Absolutely everything else on this list is secondary to your radio's performance — and in field experience, that's always the weak link!

The Items

You'll need personal gear, first-aid stuff, food and water, spare parts and supplies, cordless light or lantern, radio, extra power, extra antenna, etc, etc, — plus a way to easily carry it all. I recommend both a duffel and a vest.

(continued on page 3)

04/06/2019 | LTARC 41st
Annual Hamfest
Location: Area 5 State Fire
Rescue Training Center
630 College Street Road
Elizabethtown, KY 42701
Talk-In: 146.98
Sponsor: Lincoln Trail
Amateur Radio Club

(continued from page 2, Emergency Go- Kit)

Items	Description		
Vest	Fly fishing vest – 2 sizes larger than you normally wear - it gets smaller when you load it up with stuff!	Personal Medicines	Vivarin (caffeine), Antacid, Naproxin, Aspirin, Glucose Tablets, salt, prescriptions. Warning: Do not take Benadryl or other sleep-inducing medicines!
Car Bag	Any medium carry-on luggage or duffel, with shoulder strap and lots of pockets. Keep it locked in your vehicle for security.	Insect Repellent	With DEET, small bottle
Radio	Any 5+ watt dual-band HT – should be able to accept 13.8 VDC directly	Toilet paper	Half a roll, in a Ziploc bag (compress the air out)
External Power	12 volt, 7-12 amp-hour Gel-Cell (commonly used in deer feeders, fence chargers, emergency lights). Lithium-Ion packs are much lighter, and much more expensive.	Moist Towellettes	Eat your sticky food, then grab your radio, right?
External Mic	One-ear headset boom mic with PTT on the lapel	Food	10 Chewy Granola Bars in vest, more foods in bag
Ext Antenna	Half-wave coaxial dipole or pocket j-pole Better ($\frac{1}{4}$ -wave) HT Antenna Quarter-wave (19") telescopic or flexible, for HT.	Snacks	20 Peppermint Candy – settles stomach, gives energy, curbs appetite for a while
Cords	Power cords and coax jumpers as may be needed	Clean Rag	Handkerchief in vest, hand towel in bag
Adapters	SMA>BNC, BNC>SO239, BNC>PL259 etc. as may be needed	Rain Suit	Small Backpackers' type – place in a ziploc and mash out the air
Papers and Info	Ham License, Repeater List, Phone List, Maps	Work Gloves	TSC Leather gloves – Note: Most gloves are X-large – shop and find ones that fit!
LED Flashlight	Head-mount LED (5 LEDs or more)	Latex Gloves	Wal-Mart, 4 pair
Tools	Leatherman-type multi-tool	Water Bottles	Two Pint Bottles for vest
Compass	Compass with luminous points and sighting mirror	Water Jug	5-gallon jug in automobile
Notepad, Pencil	2 mechanical pencils, pen, permanent marker, pocket tablet	Waterproof Watch	With dual time zones. Set one to UTC and one to local.
Waterproof Maps	Local Area. Note: paper maps can be sprayed with hobby acrylic spray	Trash Bags	Heavy-duty Lawn & Leaf type
First Aid	Get a real first aid kit and put contents in a ziploc bag	ZipLoc Bags	Three sizes: Quart, Gallon, 2 Gallon; all Freezer-type
Reading Glasses	As needed	Nylon Sting	#18 Mason's Line, Roll
Sun Glasses	As needed	Duct Tape	Partial roll
Sun Screen	Small Bottle SPF 30 +	Electrical Tape	Scotch 33+ (don't get cheapo gooey 99-cent tape!)
		Pocket Torch	Small Propane/Butane soldering Torch (or similar) and 60/40 rosin-core solder
		Personal Protection	Tear Gas small can (get one for automobile, too.)
		Cash	20\$ + 2\$ in change
		Wallet	With safety chain.
		Phone Card	

(continued on page 4)

(continued from page 3, Emergency Go Kits)

Emergency

Whistle Attached to strobe – is a small, flat, emergency whistle, uses low volume of air and can send CW easily.

Emergency

Strobe With lithium batteries and extras (don't get a blinking flashlight; get a real xenon strobe)

Underwear,

Socks 1 extra pair each

Extra shoes

or boots Important! Your shoes may get full of water and mud!

Spotlight rechargeable on 12 volts; with three

sizes are perfect for medicines, little cables and adapters, etc. or more 1-watt LED's

The May program will be about Antennas Impedance presented by Bill Fuqua/WA4LAV.

04/13/2019 | Letcher County ARC Hamfest
Location: Mountain Shrine Club
95 Maryland Drive
Whitesburg, KY 41858
Talk-In: 145.350 -offset (PL 186.2)
Sponsor: Letcher County Amateur Radio Club

Notes:

1. These things are not toys... Keep out of reach of children at all times!
2. The fly vest is not a perfect solution, as many of the smaller pockets are too shallow, being designed to hold little reels of tippet and leader. There are vests for emergency responders, but they tend to be way too expensive.
3. After putting most of these items into a fly vest, I find it so bulky that it is difficult to wear and carry. It weighs over 15 pounds, with much of that being the 7AH lead-acid battery. I have decided to split the Go Kit into two units: The vest, and a "carry-on" bag (with shoulder strap), which will contain the bulkier and infrequently used items. Splitting up the Go Kit allows me to stock the vest with items particular to the specific event, also to restock the vest from the duffel.
4. Putting the battery in the back of the vest makes it ride up in the front, and is uncomfortable. A better solution is a wide belt and fanny pack or tool pouch. That will move the weight of the battery from the shoulders to the hips.
5. I have removed a few items as impractical to carry in either one. These should be stored in the vehicle.
6. Practice using ziploc bags to contain and sort almost everything. Bulky items like towels and clothing are greatly reduced by mashing out the air. Fifty feet of RG-8X and an 80-meter dipole will fit into a 2-gallon ziploc. The pint and quart

Bluegrass Amateur Radio Society (BARS) General Meeting Minutes of March 4th, 2019 Red Cross Building, Lexington, Ky

The March, 2019, BARS General Meeting was called to order at 7:01pm by First Vice President Bill Fuqua, WA4LAV. In attendance were nineteen(19) licensed BARS members, two(2) licensed visitors, and six(6) non-licensed visitors. Program: Ron Malinoski, WX4GPS, gave a brief overview of weather monitoring and reporting web sites and smart phone app's, and then introduced Joe Sullivan from the National Weather Service office in Louisville who presented the SkyWarn course for registered Severe Weather Spotters.

An abbreviated meeting was convened after the program. Only ten(10) members were present at that time which did not constitute a quorum to conduct club business that would be postponed until the April General Membership Meeting.

Treasurer's Report – by Bruce A. Campbell, KM4EHU, Secretary.

No new membership applications were received for the February Directors' meeting.

The summary treasurer's report of amounts available in bank deposits as of February 28, 2019, are:

Checking account:

General fund: \$8,665.64

Coax/repeater: 804.98

Education: 1,909.29

PayPal account:

Savings account:

Total balance of accounts:

\$11,379.91

3,341.24

200.94

\$14,922.09

Old News.

1) Antenna maintenance will be delayed until favorable weather in the Spring.

2. The donated equipment is being cataloged for E-bay sales.

(continued on page 7)

"What's In Your 'Go' Kit?"

<https://www.races.org/gokit.htm>

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Many of us take an HT along on our daily activities. Obvious accessories are an extra nicad battery pack, external power cord, some sort of gain antenna and comfort and safety items in case of some unexpected disaster. It only takes your nicad to "go south" when you need to access the autopatch to report a traffic accident, or to get lost or break down on the road in an unfamiliar place to appreciate the value of being "prepared."

The best kit for you may not fit a "canned" list, but should be based upon your operating mode, experience and local conditions. It is better to have the bare essentials always handy than to leave a bulky pack someplace where you can't get to it. A larger kit bag is more practical if you are almost always in or near your home or car.

The trunk is the best place to store emergency gear because it is dry, relatively secure and is accessible either at home or away. I actually have three kits. An "everyday" kit accompanies my HT and is small enough to fit in a briefcase. A larger "backup" bag stashed in the car provides 24 hours of auxiliary power, a spare HT, brick amp, coax and accessories for extended operating. The "disaster" bag has emergency cash, food, water, rain gear, a larger gel cell battery, clothing and shelter to sustain a 3-day day activation or evacuation.

The ARRL ARES Field Resources Manual provide excellent guidance on "Go" kits. If you travel through rural areas, you should also include fire making supplies, a pocket knife and a compass in the kit. In the suburbs, you'll want a local street atlas, change for a pay phone and emergency cash or a credit card. A compact, sturdy flashlight, extra batteries, first aid kit, extra HT battery pack and spare eyeglasses of your current prescription are useful everywhere.

If you regularly take prescription medications, you should carry those.

A typical "go" kit should sustain a day of continuous operation and be easily supplemented for overnight or week-end trips. The bare essentials are a 2-meter or dual-band HT, some sort of "gain" antenna, auxiliary power source, writing materials, comfort and safety items. You can do a lot with a minimum kit, if you plan its contents carefully.

There is risk of not having something you may need if you go "too" light, but obvious "bells and whistles" should stay home.

My "every day" kit stays within easy reach. Including a dual-band HT, it weighs 5 pounds and is 4"x5"x10." It fits in a small waist bag and includes the following:

1. Dual-band HT in padded belt case.
2. Copy of current FCC Operating License.
3. "Tiger tail" (enhances transmit and receive of typical "rubber duck" by 3 db).
4. Extra high-capacity (1000 man) nicad, or backup AA battery case for HT.
5. DC adapter & cigarette plug cord for HT
6. Two extra 2A fuses, for HT cord .
7. Earphone and/or speaker mike
8. Spartan pattern Swiss Army pocket knife
9. Leatherman multi-purpose tool
10. Mini-Mag-Lite, extra bulb and spare AAs
11. Pencil and pocket notepad
12. Emergency gas / phone money (\$10 bill, + four quarters and five dimes in pill box).
13. SO-239 to male-BNC adapter to fit HT to mobile antenna coax and female BNC to SO-239 to fit HT gain antenna to jumper.
14. 6 ft. RG8-X jumper w/BHC male and female connectors to extend HT antenna with suction cups or auto window clip.
15. Spare eye glasses of current prescription.
16. Band aids, moist towelettes and sunscreen
17. Pocket sewing kit, matches
18. Small pocket compass

19. Operating reference card for HT
20. ARES phone and frequency reference card

The "Backup Bag" contains "24-hour" items in a sturdy shoulder bag with carrying strap. I am trying to reduce mine from its 12"x8"x6" size and 18 lbs. weight. I use a padded, ballistic nylon camera bag with external pockets marked as to contents. It stays in the car until needed. Suggested contents are:

1. Neck-lanyard pocket with spare car keys, \$20 emergency cash, credit card, long-distance calling card and ARES photo ID.
2. Second, "backup / loaner" 2-meter HT. (battery packs and accessories should interchange with the dual-band-er)
3. Spare nicad and AA-battery pack, ear phone and speaker-mike for second HT
4. Operating manuals for HT's.
5. Fused DC adapter cords with Molex connectors for brick amplifier and HTs
6. nnExtra 10' AWG 10 gage twin lead extension cord, with battery clips, in-line fuses and Molex connectors to power brick amp or HT.
7. Compact, rugged, 25-40w 2 meter or dual-band brick amplifier. - See note at right>>.
8. Gain antennas for both HTs: (telescoping half-wave Larsen and flexible dual-band Comet CH-72, 1/4-wave VHF, 5/8-wave UHF).
9. HT nicad, and 12V gel cell wall chargers.
10. Four NP2-12 gel cel1 batteries to power small brick amp at 10w @ 25% duty cycle / 8 hrs.
11. Two refills of AA Alkaline batteries for HT.
12. RG8-X jumpers with soldered PL-259s, two 3 ft., one, 6 ft., one 10 ft. and one 25 ft. with double-female connectors to combine all.
13. BNC-male+BNC female to SO-239; BNC-male+BNC female to PL-259; NMO to SO-239 adapters
14. Cable ties, large and small, 6 each
15. Lensatic compass, 7.5min. series area topo.
16. Two sharpened pencils, pencil sharpener, gum eraser, note pad, permanent marker.

(continued on page 6)

(continued from page 5,
"What's In Your 'Go' Kit?")

17. ARES Field Resource Manual
18. Compact, rugged, flashlight (Peli-can Stealthlite), with extra bulb and AA batteries
19. Two sets of spare fuses (2A, 10A, 15A) for HT cords, mobile radio or brick amplifier.
20. Comfort, safety and basic first aid items: sunglasses, matches, tissues, toothbrush, sun block, sewing kit, insect repellent, tweezers, band-aids, adhesive tape, gauze pads, wound cleaning wipes, etc.

PORTABLE BRICK AMP PARAMETERS:

The purpose of a brick amp for emergency use is to provide better range and clarity with an HT while providing maximum endurance when operating on battery power. When choosing a portable amp to augment a hand held for ARES, it should weigh no more than 1.5 lb., provide 10-15w output when driven by the HT transmitting on its low power setting and 25-40w output when the HT is operating at full power from its normal nicad battery pack. A portable brick amp should draw no more than 8 amps of current at its maximum output, so that it can run safely from a Series 1545, .093 pin Molex connector and fused cigarette plug. FM mode only is fine. No preamp is wanted or needed, because a preamp usually increases intermod. Low-priced, no-name amps may overheat and "quit" under heavy use. It is more important to buy a rugged amp with an ample heat sink than the smallest "box." Our ARES group has found the Mirage B-23, BD-45 and RF Concepts Mini-144 to be satisfactory in our experience.

The "Disaster Bags" -- are packed in a duffel, stowed with the "backup bag" in a Rubbermaid storage locker in the car trunk, until needed. Their contents are inspected and changed seasonally to provide a complete change of clothing, shelter, food and equipment to support a weekend activation or evacuation, such as operating a remote Skywarn Net Control station during a power outage accompanying a severe storm

event:

1. 3-ring binder with Fairfax County ARES Handbook, Skywarn Net Control Operations Manual, area topo maps and operating manual for auto mobile rig, in zipper portfolio.
2. Dual-band or 2-meter mag mount antenna, with portable ground plane.
3. MS-44 mast kit, tripod adapter, dual-band base antenna and 100 ft. of 9913F coax on reel.
4. AC charger for HT nicads and small gel cells
5. BCI Group 27, 95 ah AGM battery and 1.5 amp charger (48 hrs. power for HT brick amp or mobile rig on low or medium power, plus 12V, 8w flourescent light, for use as needed).
6. 12-volt flourescent drop-light with alligator clips for attaching to auto or gel cell battery, with spare bulb. Adequate light is important for operating efficiency and morale. A strong, battery powered light is safer and more reliable than gasoline lanterns.
7. Weller Pyrophen soldering torch with 2 cans of propane fuel, 63/37 eutectic solder and flux.
8. Leather work glove shells, wool finger less liners, warm hat, wind/rain suit, sweater, insulated rubber safety boots, extra dry socks and change of underwear.
9. Tarp or poncho
10. Wool blanket or insulated poncho liner
11. Two message pads, two pencils, grease pencil, two sheet protectors, 12 push pins.
12. Vinyl electrical tape for rain wraps, 1 roll
13. Cable ties, large and small, 1 dozen each
14. Rubber bands, medium and large, six ea.
15. Adjustable open-end wrench, 6"x 0-5/8"
16. Folding hex key set
17. Klein pliers with crimpers and side cutters
18. Needle nose pliers
19. Channel locks or Vise-Grip pliers
20. Small, mobile-type SWR/power meter
21. Pocket VOM or multi-meter w/ test lead

22. Assorted connectors / adaptors including no-solder BNC and UHF for emergency repairs
 23. First Aid Kit container.
 24. 3 days supply of bottled water and nonperishable food (which can be eaten cold*), mess kit and utensils.
 25. Personal hygiene and sanitation supplies.
- * 1 gallon of water per person/day, is needed for drinking and washing. Good are canned soup, beans, tuna, juices, fruits, veggies which can be eaten cold, or warmed without further preparation; also peanut butter, cheese spread or jam in plastic jars, lots of hard candy, instant coffee, tea, dried fruit, crackers. Sterno is best for warming. Military MRE's are light weight and convenient, but some find them both expensive and boring. You get better variety, more appetizingly and cheaply at the grocery store, if weight is not a problem.

All of the above seems like "overkill," but ARES mutual response teams must be entirely self-sufficient, otherwise they cease being an asset and become a liability. The above is not the "last word," but is offered as a "thought starter" for your family or group disaster planning.

Where's the Rare DX?

OPDX Bulletin

1406 <http://www.papays.com/opdx1406.html> 2019

5V, TOGO (Update). Members of EIDX Group are now active as 5V7EI from Main Street, Togo, until March 26th. Activity will be on 160-10 meters using CW, SSB and the Digital modes. Suggested frequencies were listed in OPDX.1405. QSL via M00XO OQRS, direct, by the Bureau (OQRS) or LoTW (3 months after operation). For more info and updates, watch:

<https://5v7ei.com>

(continued on page 11)

(continued from page 4,
General Meeting 3-4-19)

New News.

- 1) The .76 repeater at the WKYT-TV tower is experiencing increasing operating problems.
 - 2) Ideas for increasing the coverage of the .165 repeater on Anderson Hall at U.K. were discussed.
 - 3) Ideas to re-establish the ARRL ARES and FCC FEMMA RACES BARS Service Groups were discussed.
 - 4) James Schlessler, WA9MED, is continuing to work on the donated Motorola Digital Mobile Radio repeaters in order to modify them for amateur radio service.
- With no other subjects of interest to consider, the discussions were closed at 9:40pm. The next BARS scheduled meetings and activities:

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

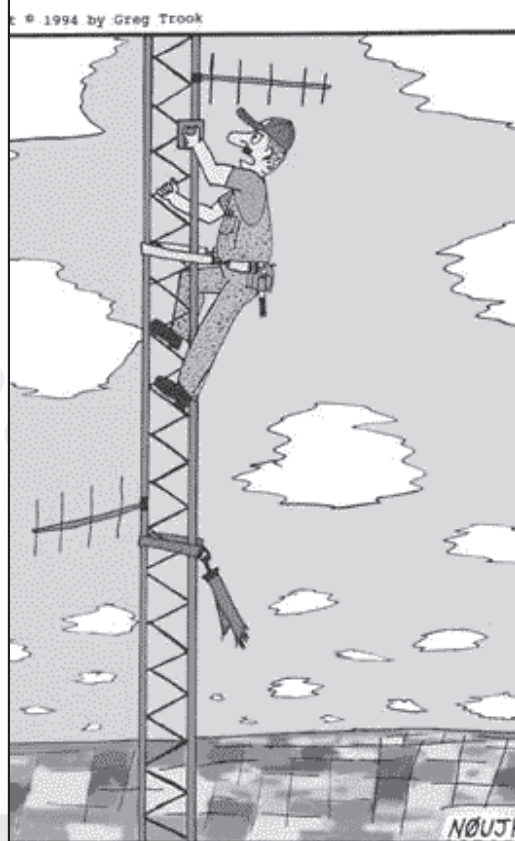
Bylaws Committee Meeting:
Monday, April 1st, 6:00pm. BARS General Meeting: Monday, April 1st, 7:30pm. Program: Portable Go-kits.

Bylaws Committee Meeting:
Monday, April 15th, 6:00pm. Directors' Meeting: Monday, April 15th, 7:30pm.

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

Secretary

04/27/2019 | RCARA Tailgate Hamfest
Location: PNC Bank Rear Parking Lot
1000 Carter Avenue
Ashland, KY 41101
Talk-In: 146.940 (PL 107.2)
Sponsor: River Cities Amateur Radio Association



"So Bob...why did your ex-wife give you a new climbing belt for Christmas?"

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 Impedance	Bill Fuqua/WA4LAV	
June	"ARRL Field Day" June 22-23, 2019	David Richardson/W9KHZ	
July	DMR/DStar/Fusion(tentative)	Bluegrass DMR, Kyle Robinson	
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"/Election	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) - (Fernie Williams/KE4MAI (ARRL - \$15.00) and Margie Williams/KE4MAJ(WCARS- \$10.00)), with Darrell/AC4YD in Winchester and Richmond (W5YI), John/K4FT in Danville (ARRL), and Ron/WX4GPS in Georgetown (ARRL - \$15.00), have a schedule to offer an exam monthly in Lexington/central Kentucky. (See schedules on page 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 - Temporarily canceled.

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.

04/27/2019 | RCARA Tailgate Hamfest

Location: PNC Bank Rear Parking Lot

1000 Carter Avenue

Ashland, KY 41101

Talk-In: 146.940 (PL 107.2)

Sponsor: River Cities Amateur Radio Association

Schedule for Volunteer Examinations in 2019

Harry Spark/KN4S,*
Bluegrass Volunteer Examiners
kn4s@kn4s.com

The exam schedule for 2019 follows nearly the same format as past years. The scheduling is for Lexington/Fayette County and the sessions in Danville, Georgetown, Winchester, and Richmond hamfest. The Bluegrass Amateur Radio Society-sponsored ARRL exams will continue to be held on the second Saturday of the second month of each quarter (except the August Session will be the date of the Central Kentucky ARRL Hamfest in Lexington), and the WCARS sessions remain as they were last year, Tuesday evenings quarterly.

Test Session Locations

Lexington*	Winchester**	Danville	Georgetown
Red Cross Building	Clark County EOC	Amer Legion Post 46	Georgetown Police Dept
1450 Newtown Pike	200 Maryland Ave	45 Spears Lane	550 Bourbon Street
Lexington KY 40509	Winchester KY 40391	Danville KY 40422	Georgetown KY 40324

* August, Bluegrass ARS Hamfest, Eastland Shopping Center, Lexington, Kentucky

** September, Richmond Hamfest, Madison County Fairgrounds, Richmond, Kentucky

Contact Information

ARRL VEC: Lexington and BARS ARRL Hamfest test sessions - Liaison **Fernie**

Williams/KE4MAI, 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 **Marguerite 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, April 13, 2019	10:00 am	W5YI
Saturday, April 27, 2019	10:00 am	ARRL
Saturday, May 11, 2019	10:00 am	ARRL
Saturday, June 8, 2019	10:00 am	ARRL
Tuesday, June 11, 2019	7:00 pm	WCARS

Bluegrass Amateur Radio Society (BARS)

Directors' Meeting Minutes of February 18, 2019

Red Cross Building, Lexington, Ky.

The February 2019, Directors' Meeting was called to order at 7:48pm by President Andrew Cook, KF4OWP.

In attendance were:

1st Vice President Bill Fuqua, WA4LAV;

2nd Vice President - David Richardson, W9KHZ;

Treasurer - John Barnes, KS4GL;
Secretary - Bruce Campbell, KM4EHU;

Directors-at- Large - Tim Kunkel, KF4MPM, Mark Elliott, KN4HVX.

MARS Representatives
Barry Jackson, WB4N, and
Harvey Frye, AA4HF, plus Bart Breeding, KB4FEE, and James Schlessler, WA9MED.

Treasurer's Report.

Treasurer John Barnes, KS4GL, reported that no new

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.

applications were received in February.

Treasurer John Barnes, KS4GL, submitted the summary treasurer's report of amounts available in bank deposits as of January 31, 2019, are:

Checking account:

General fund: \$8,812.78

Coax/repeater: 804.98

Education: 1,909.29

\$11,527.05

PayPal account: 3,139.44

Savings account: 200.90

Total balance of accounts:

\$14,867.39

The treasurer's report was accepted by general consensus without objection

Secretary's Report.

Secretary Bruce Campbell, KM4EHU, reported that the ARRL Annual report was filed on February 1st. on schedule in January, 2019.

Copies of the Current Bylaws were e-mailed to new member Todd Samuelson, KB4TSC. Committee Reports.

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

Education: Bill Fuqua, WA4LAV. One student postponed his license exam until a later date.

Emergency Preparedness: (no report)

Hamfest: David Richardson, W9KHZ. Additional invitations have been sent to commercial vendors.

(continued on page 10)

(continued from page 9,
Director's meeting 2-18-19)

Ideas for this year's Hamfest on August 10th are welcome.

Newsletter: Bart Breeding, WB4FEE. The Newsletter will contain reminders to members to keep their contact information up to date on the club roster.

Program: David Richardson, W9KHZ. The March program will be the National weather Service SkyWarn presentation, and is open to the anyone interested in severe weather spotting. The April program will be:

"Portable Go-Kits".

Public Relations and Membership: Bart Breeding, KB4FEE.

The presentation on Amateur Radio for the Lexington Public Library has been placed on hold until it can be rescheduled by the library.

Repeater: Andrew Cook, KF4OWP. Nothing to report.

Shack: David Richardson, W9KHZ.

1) The G5RV and the long wire are the only two high frequency antennas in operation until the Spring antenna maintenance can be completed.

2) James Schlessler, WA9MED, is modifying the donated repeaters for ham band operation.

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. (no report)

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

Library: John Barnes, KS4GL. Nothing to report.

MARS: Harvey Frye, AA4HF, and Barry Jackson, WB4N. The MARS station is participating in the Kentucky state network.

Trustee: Andrew Cook, KF4OWP. Nothing to report.

Bylaws: Andrew Cook, KF4OWP. Secretary Bruce Campbell, KM4EHU, Reported that 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.

A set of BARS Standard Operating Procedures is being formulated at the Bylaws Committee meetings, and input is welcome from members.

Old Business:

1) Antenna maintenance activities are postponed until favorable weather in the Spring.

2) The club will consider taking over the responsibilities for storage of the large quantities of donated

equipment until it can be disposed of.

New Business:

1) No changes in the current committee chair assignments were suggested for this year.

2) The inclusion of fire and smoke detectors in the Shack, Shop, and MARS room that would be tied into the Red Cross building alarm system was discussed.

3) A proposal to provide guest speakers at the BARS meeting programs with an appreciation

gift card of twenty-five dollars (\$25.00) was approved by general consensus without objection.

Upcoming BARS Schedule:
March 2nd, Cave City Hamfest.
March 4th, 6:00pm - Bylaws Committee Meeting

March 4th, 7:00pm – KYQRP *CANCELLED*.

March 4th, 7:00pm - BARS General Meeting (abbreviated).
Program: NWS SkyWarn.

March 18th, 6:00pm - Bylaws Committee Meeting.

March 18th, 7:30pm - Directors' Meeting.

April 1st, 6:00pm - Bylaws Committee Meeting.

April 1st, 7:00pm – KYQRP *CANCELLED*.

April 1st, 7:30pm - BARS General Meeting. Program: GO-kits.

April 15th, 6:00pm - Bylaws Committee Meeting.

April 15th, 7:30pm - Directors' Meeting.

With no other business at 8:36pm, David Richardson, K9KHZ, moved, and Tim Kunkel, KF4MPM,

seconded that the meeting be adjourned, which was approved without objection.

Recorded and submitted by:

Bruce Campbell,
KM4EHU
Secretary

James L. (Sandy) Gragg has been appointed as the Emergency Coordinator for Fayette County by Steve Morgan, Kentucky Section Manager ARRL.

(continued from page 6,
Rare Dx)

5X, UGANDA (Reminder). The Italian Dxpeditio Team (IDT) is now active using the following callsigns for their DXpeditio to Uganda until March 25th: 5X3C (not 5X0T) for CW,SSB and RTTY

5X3E (not 5X0X) for FT8
Activity will be on 160-6 meters using CW, SSB, RTTY and FT8. QSL via I2YSB, direct, OQRS or LoTW. For more details on the IDT team and an online survey for "needs/wants", see their Web page at: <http://www.i2ysb.com/idt>

6W, SENEGAL. YL Elvira, IV3FSG, is now active as 6W/IV3FSG from Thies, near Dakar until April 16th. She works for the Informatici Senza Frontiere organization. Activity will be limited to her spare time on 80-10 meters. Look for Elvira to operate SSB and possibly the Digital modes. QSL all SSB and Digital mode QSOs via IK-3GES. Logs will be uploaded to both LoTW and ClubLog after the operation.

A4, OMAN. Operators Khalid/A41CK, Hamed/A41KT, Mohammed/A41NN, Mudhfer/A41RN, Khalid/A41ZZ, San/A45TT, A45VB and A45VJ will be active as A42K from Muscat, Oman, during the CQWW WPX SSB Contest (March 30-31st) as a Multi-2 entry. QSL via LoTW.

XZ – Myanmar - Starting March 20th JH1NBN, Yuki, will be back in Myanmar, formerly known as Burma. During his spare time he will be QRV as XZ2C until March 28th. In April he plans to get a JT license and then back to 9N7BN in Nepal.

ZL9 - New Zealand Subantarctic Islands - Early last week ZL2TUD, John, came across ZL9CNB/MM, Charles, on 40 meters SSB (7.115 MHz), between 08 and 09Z. He was only there for a few days and very close to

Enderby Island. Charles is on a yacht and has "special permission to enter this world heritage site".

3Y - Bouvet Island - Last week the 3Y0I team tweeted "FLASH NEWS: The 3Y0I Team re-assembles in Cape Town, while operators return to South Africa. Meanwhile, the rest of the team members who are currently in ZS, finalize the very last vessel preparations. Stay tuned for further news coming soon".

E6, NIUE (Update to OPDX.1405). Janusz, SP9FIH, will fly to Niue Island (OC-040) on March 16th, and will probably stay in Mutalau village on the northern coast of Niue until April 25th. He will be active as E6AF and his activity will be on 160/80/40/30/20/17/15 meters using SSB, RTTY and FT8. QSL via SP9FIH or by ClubLog's OQRS (preferred). For more details and updates, see: <http://www.e6.dxpeditio.org>

HB0, LIECHTENSTEIN (Sat Op). Philippe, EA4NF, will be active as HB9/EA4NF from the Principality of Liechtenstein between April 17-19th. Activity will be on the FM and SSB satellites. During this trip, the Grid Locator JN47(sk) will also be activated. Equipment is 2X Yaesu FT817ND (5W) into an Arrow II 146/437 (Portable) antenna. QSL via LoTW. For updated info and satellite pass announcements (Time+ Frequencies) on Twitter: EA4NF_SAT

V8, BRUNEI. Hajime, JO1RUR, will once again be active as V85RH from Brunei. Activity will be during the CQWW WPX SSB Contest (March 30-31st) as a Single-Op entry. QSL via LoTW.

YB, INDONESIA. Hans, YB2DX, will once again be active during the CQWW WPX SSB Contest (March 30-31st) as a Single-Op/All-Band entry. QSL via LoTW or direct to his home callsign.

Most Wanted

- 1.P5 DPRK (NORTH KOREA)
- 2.3Y/B BOUVET ISLAND
- 3.FT5/W CROZET ISLAND
- 4.BS7H SCARBOROUGH REEF
- 5.CE0X SAN FELIX ISLANDS
- 6.BV9P PRATAS ISLAND
- 7.KH7 KURE ISLAND
- 8.KH3 JOHNSTON ISLAND
- 9.3Y/P PETER 1 ISLAND
- 10.FT5/X KERGUELEN ISLAND
- 11.FT/G GLORIOSO ISLAND
- 12.VK0M MACQUARIE ISLAND
- 13.YV0 AVES ISLAND
- 14.KH4 MIDWAY ISLAND
- 15.ZS8 PRINCE EDWARD & MARION ISLANDS

<https://clublog.org/mostwanted.php/03/18/19>

What is DXing?

DXing means listening to far-away — usually foreign — radio stations. Listening to your regular hometown station is not DXing, but listening to a similar station thousands of kilometers away, outside the normal coverage area, is DXing.

Contest Corral

April 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.

Start - Finish Date-Time Date-Time				Bands	Contest Name	Mode	Exchange	Sponsor's Website
1	0800	7	2000	All	IQRP Quarterly Marathon	CW Ph Dig	RS(T)	www.arimontebelluna.it
1	1900	1	2030	3.5	RSGB 80-Meter Club Championship, CW	CW	RST, serial	www.rsgbcc.org/hf
2	0100	2	0300	3.5-28	ARS Spartan Sprint	CW	RST, SPC, power	arsqr.blogspot.com
3	2000	3	2100	3.5	UKEICC 80-Meter Contest	Ph	4-char grid square	www.ukicc.com
4	1700	4	2000	3.5	SARL 80-Meter QSO Party	Ph	RS, serial, grid locator	www.sarl.org.za
4	1700	4	2100	28	NRAU 10-Meter Activity Contest	CW Ph Dig	RS(T), 6-char grid square	www.nrau.net
4	1900	4	2100	1.8-28	SKCC Sprint Europe	CW	RST, SPC, name, mbr or power	www.skccgroup.com
6	0400	6	0800	7	LZ Open 40-Meter Sprint Contest	CW	Serial, serial received from previous QSO	www.lzopen.com
6	1000	7	0400	14	PODXS 070 Club PSK 31 Flavors Contest	Dig	SPC, mbr or name	www.podxs070.com
6	1000	7	1000	50-1296	SARL VHF/UHF Digital Contest	Dig	RST, 6-char grid locator	www.sarl.org.za
6	1400	7	0200	3.5-UHF	Mississippi QSO Party	CW Ph Dig	RS(T), county or SPC	www.arrlmiss.org
6	1400	7	2000	1.8-UHF	Missouri QSO Party	CW Ph Dig	RS(T), county or SPC	www.woma.org
6	1400	7	2200	3.5-28	Florida State Parks on the Air	CW Ph Dig	Park ID SPC	flspota.org/rules
6	1500	7	1500	1.8-28	SP DX Contest	CW Ph	RS(T), SP province or serial	pzk.org.pl
6	1600	7	1600	3.5-28	EA RTTY Contest	Dig	RSQ, province or serial	concursos.ure.es/en
7	1900	7	2030	3.5	RSGB RoLo SSB	Ph	RS, previous 6-char grid square received	www.rsgbcc.org/hf
8	1900	8	2300	144	144 MHz Spring Sprint	CW Ph Dig	4-char grid square	sites.google.com/site/springvhfupsprints
10	0030	10	0230	3.5-14	NAQCC CW Sprint	CW	RST, SPC, mbr or power	naqcc.info
10	1900	10	2030	3.5	RSGB 80-Meter Club Championship, SSB	Ph	RS, serial	www.rsgbcc.org/hf
13	0000	13	2359	1.8-28	QRP ARCI Spring QSO Party	CW	RS, SPC, mbr or power	qrpacci.org
13	0700	14	1300	1.8-28	JIDX CW Contest	CW	RST, Prefecture number or CQ Zone	www.jidx.org
13	1200	14	1200	1.8-28	OK/OM DX Contest, SSB	Ph	RS, 3-letter county code or serial	okomdx.crk.cz
13	1200	14	1200	3.5-28, 144	F9AA Cup, PSK	Dig	RST, serial	www.site.urc.asso.fr
13	1200	14	2359	1.8-50	SKCC Weekend Sprintathon	CW	RST, SPC, name, mbr or "none"	www.skccgroup.com
13	1400	14	0200	1.8-50	New Mexico QSO Party	CW Ph Dig	Name, county or SPC	www.newmexicoqsoparty.org
13	1400	14	2000	All	Texas State Parks on the Air	CW Ph Dig	RS(T), park abbreviation or SPC	www.tspota.org
13	1800	14	1800	1.8-144	North Dakota QSO Party	CW Ph Dig	RS(T), county or SPC	www.kg0yl.net/QSO.html
13	1800	14	2359	1.8-50	Georgia QSO Party	CW Ph Dig	RST, county or SPC	www.georgiaqsoparty.org
13	2100	14	2100	1.8-28, Sats	Yuri Gagarin International DX Contest	CW	RST, ITU Zone	gc.qst.ru/en/section/32
14	1000	14	2200	3.5-14	WAB 3.5/7/14 MHz Data Modes	Dig	RS, serial, WAB square or country	wab.internip.net/Contests.php
14	1200	14	1800	3.5-14	International Vintage Contest HF	CW Ph	RS(T), 4-char grid square	contestvintage.beepworld.it
14	1500	14	1700	3.5	Hungarian Straight Key Contest	CW	RST, serial, power code	hskc.ha8kux.com
14	1800	14	2359	3.5-50	ARRL Rookie Roundup, SSB	Ph	Name, 2-digit year licensed, state/province/XE area/DX	www.arrl.org/rookie-roundup
15	0000	15	0200	1.8-28	4 States QRP Group Second Sunday Sprint	CW Ph	RS(T), SPC, mbr or power	www.4sqrp.com
16	1900	16	2300	222	222 MHz Spring Sprint	CW Ph Dig	4-char grid square	sites.google.com/site/springvhfupsprints
19	2100	20	2100	1.8-28	Holyland DX Contest	CW Ph Dig	RS(T), 4X area or serial	www.iarc.org
20	0500	20	0859	3.5-7	ES Open HF Championship	CW Ph	RS(T), serial	www.erau.es/en
20	0600	21	0559	3.5-28	Worked All Provinces of China DX Contest	CW Ph	RS(T), BY province or serial	www.mulandxc.org
20	0800	20	1800	3.5-28	QRP to the Field	CW Ph	RST, SPC, name	www.zianet.com/qrp/qrp.ttf
20	1200	21	1159	3.5-28	YU DX Contest	CW Ph	RS(T), YU/YT county or serial	yudx.yu1srs.org.rs
20	1200	21	2359	3.5-28	CQMM DX Contest	CW	RST, continent, category	www.cqmmdx.com
20	1300	21	2200	1.8-UHF	Nebraska QSO Party	CW Ph Dig	RS(T), county or SPC [FT8: S/N, grid]	www.qcwa.org/chapter025.htm
20	1600	21	0400	3.5-28	Michigan QSO Party	CW Ph	Serial, county or SPC	www.miqp.org/Rules.htm
20	1700	21	1300	3.5-28	EA-QRP CW Contest	CW	RST, category, "M" if member	www.eaqrp.com
20	1800	20	2159	1.8-50	Feld Hell Sprint	Dig	RST, mbr, SPC, grid	sites.google.com/site/feldhellclub
20	1800	21	1800	1.8-144	Ontario QSO Party	CW Ph	RS(T), county or SPC	www.va3cco.com/oqp
22	0100	22	0300	1.8-28	Run for the Bacon QRP Contest	CW	RST, SPC, mbr or power	qrpcontest.com/pigrun
24	0000	24	0200	1.8-28	SKCC Sprint	CW	RST, SPC, name, mbr or power	www.skccgroup.com
24	1900	24	2300	432	432 MHz Spring Sprint	CW Ph Dig	4-char grid square	sites.google.com/site/springvhfupsprints
24	2000	24	2100	3.5	UKEICC 80-Meter Contest	CW	4-char grid square	www.ukicc.com
25	1900	25	2030	3.5	RSGB 80m Club Championship, Data	Dig	RST, serial	www.rsgbcc.org/hf
27	0001	28	2359	28	10-10 International Spring Contest, Digital	Dig	Name, mbr or "0," SPC	www.ten-ten.org
27	1200	28	1200	3.5-28	SP DX RTTY Contest	Dig	RST, province or serial	pkrv.org/strona.spdxrttyen.html
27	1300	28	1259	1.8-28	Helvetia Contest	CW Ph Dig	RS(T), Canton or serial	www.uska.ch
27	1600	28	2159	7-28	Florida QSO Party	CW Ph	RS(T), county or SPC	floridaqsoparty.org
28	1700	28	2059	3.5-28	BARTG Sprint 75	Dig	Serial	bartg.org.uk/wp/contests

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 WATBNM 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, WATBNM, in providing this service.*

TREASURER'S REPORT

Respectfully submitted by John Barnes/KS4GL, Treasurer

BLUEGRASS AMATEUR RADIO SOCIETY, INC.
INCOME, EXPENSES, AND ACCOUNT BALANCES
as of February 28, 2019

	Checking Account	PayPal Account	Savings Account	Total
INCOME:				
ARRL Dues	0.00	0.00	0.00	0.00
BARS Dues	136.00	201.80	0.00	337.80
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	2.35	0.00	0.04	2.39
Sales Tax	0.00	0.00	0.00	0.00
Miscellaneous	0.00	0.00	0.00	0.00
Total	138.35	201.80	0.04	340.19

EXPENSES:

ARRL Dues	0.00	0.00
Coax/Repeaters	0.00	0.00
Donations	158.00	158.00
Education	0.00	0.00
Election	0.00	0.00
Equipment	0.00	0.00
Field Day	100.00	100.00
Hamfest	0.00	0.00
Insurance	0.00	0.00
Miscellaneous	27.49	27.49
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	285.49	285.49

ACCOUNT BALANCES

	November 30, 2018	December 31, 2018
Checking Balance*	11527.05	11379.91
PayPal Balance	3139.44	3341.24
Savings Balance	200.90	200.94
Total Balance	14867.39	14922.09

* Fund-specific balances in Checking Account

General	8812.78	8665.64
Coax/Repeater	804.98	804.98
Education	1909.29	1909.29
Total Checking	11527.05	11379.91

Thanks!

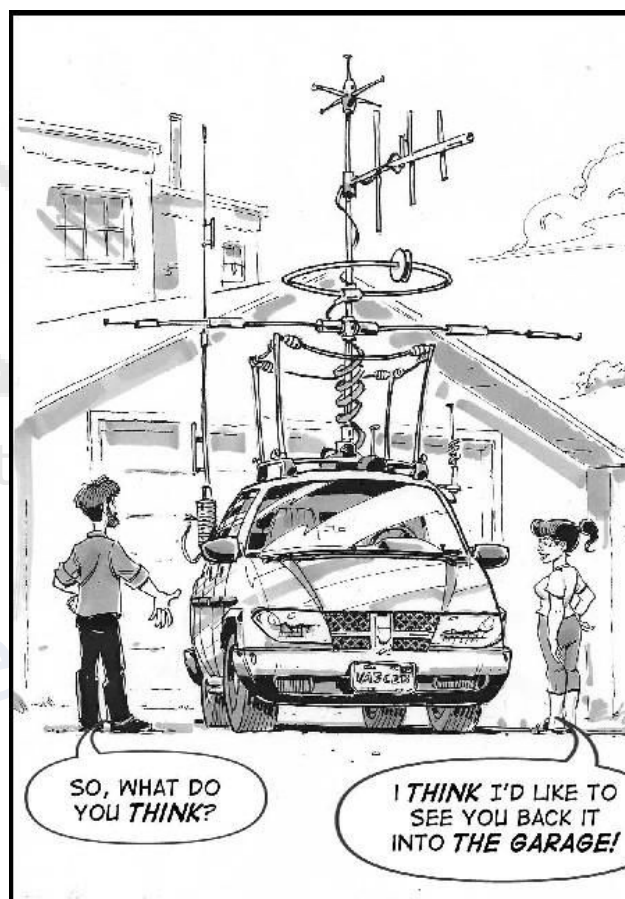
John Barnes KS4GL
BARS Treasurer

DMR meeting with Kyle Robinson to be held at the Elizabethtown, KY Hamfest on 04/03/19, during the afternoon session.

Kyle's topic will be:
" DMR Programming and how to do it properly"

"The ultimate measure of a man is not where he stands in moments of comfort and convenience, but where he stands at times of challenge and controversy."

Martin Luther King, Jr.



QUA/HAMnews is published monthly by the Newsletter Committee of the Bluegrass Amateur Radio Society, Inc., and is distributed by e-mail only.

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

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

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

Standing Committee Chairs:

Contest Pete Kragh/K2UPD (859) 223-9389 (k2upd@aol.com)
Education Bill Fuqua/WA4LAV (859) 272-9523 (wlfuqu00@uky.edu)
Emergency Preparedness (Liaison Bluegrass ARS with LFUCG DEM)
..... Sandy Gragg/KM4PIU (859) 699-9934 (sandygragg@gmail.com)
Hamfest David Richardson/W9KHZ (859) 983-1380 (daveinlex3@gmail.com)
Newsletter Bart Breeding/KB4FEE (859) 644-2216 (aratat291@twc.com)
Program David Richardson/W9KHZ (859) 983-1380 (daveinlex3@gmail.com)
Public Relations and Membership Bart Breeding/KB4FEE (859) 644-2216 (aratat291@twc.com)
Repeater Andrew Cook/KF4OWP (859) 396-9930 (kf4owp@gmail.com)
Shack David Richardson/W9KHZ (859) 983-1380 (daveinlex3@gmail.com)
Volunteer Examinations Fernie Williams/KE4MAI (859) 652-3393 (ke4mai@arri.net)
Trustees, Ex Officio Committee Chairs, and Contacts for Special Activities:
Historian Bill DeVore/N4DIT (859) 273-8345 (billdit@twc.com)
KY-QRP Group Roger Colvin/KJ4YSY (859) 494-6268 (KJ4YSY@GMAIL.COM)
Library John Barnes/KS4GL (859) 253-1178 (jrbarnes@iglou.com)
Shack/Repeater Trustee Andrew Cook/KF4OWP (kf4owp@gmail.com)
HF Liaison to Shack Committee David Richardson/W9KHZ
VHF Liaison to Shack Committee Tim Kunkle/KF4MPM

President:

Andrew Cook/KF4OWP
320 Given Avenue Lexington, Kentucky 40502
859/396-9930
kf4owp@gmail.com

Second Vice-President:

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

Treasurer:

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

First Vice-President:

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

Secretary:

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

Directors-at-Large:

Tim Kunkle/KF4MPM
426 Blueberry Lane
Lexington, Kentucky 40503
859/279-6307, and
Mark Elliott/KN4HVX
3852 Scarlet Oak Ln
Lexington, KY 40514
859/338-9792
mellio72@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 April 2019



- Mon 1 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.
- Mon 1 By-Laws Meeting, 6:00 pm; **Bluegrass ARS Club meeting**, 7:00 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 2 Amateur Swap Net, 145.370 (T-192.8) 8:00 PM; "Casual Communicators Net," 9:00 PM Eastern, 443.325+ MHz.
- Wed 3 Six Shooters Net, 8:00 PM on 52.525 MHz FM (vertically polarized); **Fayette County ARES Net, 9:00 PM, 146.760 repeater.**
- Thu 4 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 6 Shack open 9:00-Noon; Radio Theory and Construction Workshop, 1:00-3:00 PM; LTARC 41st Annual Hamfest
Location: Elizabethtown, KY
- Sun 7 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 8 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 9 License exam session 7:00 PM, sponsor WCARS VEC, Lexington, liaison **Margueritte Williams/KE4MAJ**, ke4maj@arri.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 10 Six Shooters Net, 8:00 PM on 52.525 MHz FM (vertically polarized); **Fayette County ARES Net, 9:00 PM, 146.760 repeater.**
- Thu 11 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 13 Shack open 9:00-Noon; Radio Theory & Construction Workshop, 1:00-3:00 PM, basement, Red Cross Bldg, 1450 Newtown Pike; License Exam Session, 10:00 am Winchester- W5YI, Liaison Darrell Epperson/AC4YD, AC4YD@arri.net, 859-771-1834; Letcher County ARC Hamfest, Whitesburg, KY.
- Sun 14 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 15 **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 16 Amateur Swap Net 145.370 (T-192.8) 8:00 PM; "Casual Communicators Net," 9:00 PM Eastern, 443.325+ MHz.
- Wed 17 Six Shooters Net, 8:00 PM on 52.525 MHz FM (vertically polarized); **Fayette County ARES Net, 9:00 PM, 146.760 repeater.**
- Thu 18 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 20 Shack open 9:00-Noon; Radio Theory and Construction Workshop, 1:00-3:00 PM, basement, Red Cross Bldg, 1450 Newtown Pike;
- Sun 21 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 22 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 23 Amateur Swap Net 145.370 (T-192.8) 8:00 PM; "Casual Communicators Net," 9:00 PM Eastern, 443.325+ MHz; License Exam Session, 6:00 pm, K4TG Laurel VE Team, Anderson County Health Dept., 1180 Glensboro Rd., Lawrenceburg, KY contact Brian Carter/KI4TLW 502-545-0376
- Wed 24 Six Shooters Net, 8:00 PM on 52.525 MHz FM (vertically polarized); **Fayette County ARES Net, 9:00 PM, 146.760 repeater.**
- Thu 25 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 27 Shack open 9:00-Noon; Radio Theory and Construction Workshop, 1:00-3:00 PM; ; License Exam Session, 10:00 am, ARRL VEC, Wilderness Road
Amateur Radio Club, American Legion post 46, 45 Spears Lane, Danville, KY contact John Wulf/K4FT 563-505-0339; RCARA Tailgate Hamfest
Location: Ashland, KY
- Sun 28 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 29 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 30 Amateur Swap Net 145.370 (T-192.8) 8:00 PM; "Casual Communicators Net," 9:00 PM Eastern, 443.325+ MHz;