



ARRL Standard



Pray for our Troops



God Bless America!

# QUA/HAM news

JUNE 2021

## CONTENTS

Quickie Notes.....	1
Meeting Notice .....	1
Buy, Sell or Trade.....	2
Link to By-Laws.....	2
JUNE General membership meeting notes.....	3
Mail Address change.....	3
New Members.....	4
JUNE Zoom meeting announcement.....	4
MAY Board of Directors Meeting minutes.....	5
Field Day: What is it?.....	7
Copper Tape Measure Antenna.....	8
Field Day 2021.....	11
Remote Station.....	12
Call for Ernie Farmer Award Nominations.....	14
Previous winners of Ernie Farmer Award.....	15
W4DXCC convention.....	16
Richmond Hamfest notice.....	17
Tower work.....	18
Reminders.....	19
Ebay Sales process.....	20
Scheduled of Volunteer Examinations for 2021.....	21
Contest Corral JUNE 2021.....	22
American Red Cross Donation announcement.....	23
Program Schedule for 2021.....	23
Meeting Schedule for Area Clubs, Exam Schedule.....	24
FIELD DAY announcement/Annual Family Picnic announcement.....	25
Calendar of Ham Radio Activates for JUNE 2021.....	26

Published and Distributed Monthly by the

Bluegrass Amateur Radio Society, Inc.  
P.O. Box 13206, Lexington, Kentucky 40583-3206  
Club Station K4KJQ  
MARS STATION



Glenn E. Welman/KF4NB  
Memorial BBS  
145.010 and 145.090

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

K4KJQ  
146.160/.760

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

WA4HBM  
147.765/.165

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

## QUICKY NOTES

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

Telephone Number for the Shack (basement of the Red Cross Building): (859) 231-0974.

Subscribe to ListServ: Send an eMail to: [bars-request@lsv.uky.edu](mailto:bars-request@lsv.uky.edu); in Subject line type Subscribe plus <your call sign>

Post notes to the Club List Serv: <[bars@lsv.uky.edu](mailto:bars@lsv.uky.edu)>.

**June General Membership meeting has been canceled. Zoom informal meeting on June 7, 2021.**



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

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

QUA/HAMnews

JUNE 2021

## Meeting Notice

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

The general in person meeting of the Bluegrass Amateur Radio Society, Inc., scheduled for June has been cancelled.

Do you have a topic you would like a program on or a program you would like to present? Do you have a home brewed project you have built? Bring it and show it off! Question? Ask it! Maybe your question isn't one about a Club activity or function, maybe you are having a problem getting some newly acquired equipment set up and operating correctly, or you have an antenna with radiation problems. Regardless of your question, problem, or suggestion, bring it to the Club meeting.

The Club shack is currently closed due to the Covid-19. Bluegrass Amateur Radio Society's ham shack is located in the basement of the Red Cross building at 1450 Newtown Pike Lexington, KY 40511. Entrance is down the steps (look for the BARS banner hung on the railing) at the North Side of the building.

**Fayette County ARES Coordinator - Jewell Vest**  
Jewell has agreed to become the new coordinator. Remember the Fayette County ARES net every Tuesday at 8:30 pm on the 146.94 repeater. We are looking for more folks that would help share in the net control. If you would like to Help, contact Bart/KB4FEE/859-644-2216

**A new net has started, Wednesday evening at 8 pm and Saturday mornings at 8:45 am. This is a rag chew net and open for all amateurs. The NET is located on the 146.760 repeater. There is no PL tone. See you on the net.**

**“We will never have true civilization until we have learned to recognize the rights of others.”**

**– Will Rogers**

# BUY, SWAP, OR TRADE

Swap Meet on this KYARSM listserv. Prepare your wanted, for-sale or give-away lists, and post them early Saturday morning. Keep browsing your e-mail for postings.

To post your for-sale, wanted, trade or donate message, simply send to: "KYARSM" <KYARSM@lsv.uky.edu>

The traffic on this list may be exceptionally high, so hold back all comments, questions, feedback, inquiries, etc and direct them to the sender's e-mail address. If you choose to REPLY to a message, it will go to the sender.

A few suggestions:

- 1) Keep your listing to a single 80-line page, or so.
- 2) Include prices in your for sale listings
- 3) Attach photos of what you are selling. 300-900kB images best.
- 4) Give your contact info and how to reach you.
- 5) Include any urls to related information. They will be checked for malware by LSV and look strange in the posting, hi!
- 6) Consider creating a folder and filter the KYARSM mail into it.
- 7) Do not attach .DOC or XLS files, use only PDF, JPG, GIF, or JPEG
- 8) ONLY post for-sale, wanted, trade or donate messages to this list

Feel free to jump in and comment or make suggestions to n4lg@qx.net

This is your listserv, make it work ;^)

73 Bill N4LG

## LINK TO BY-LAWS

<https://1drv.ms/b/s!AqEiE135zkdAjjacQsQea7LrQVzd>

Bluegrass Amateur Radio Society (BARS)  
Open General Meeting Report for June 2021  
Red Cross Building, Lexington, Ky.

The June 2021, BARS Open General Meeting was, postponed due to health related precautions in response to disease control measures associated with the current COVID-19 virus situation.

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

## MAIL ADDRESS CHANGE

At the December meeting, the Board of Directors decided to get a post office box for the club at the Nandino Boulevard post office, which is “right around the corner” from the club shack. This will make it much easier for people to check the box while traveling to or from the shack.

Post office box fees are often paid six months at a time. I want to thank Jodie, WB4LKQ for donating the funds for the first six months of our new box.

Mail will continue to be received at the old box (4411) for several months, and then there will be a forwarding order in effect to forward mail from the old box to the new box for a year. But, we want to start moving over to the new box as quickly as practical.

Make note of our new address:

Bluegrass Amateur Radio Society, Inc.  
Post Office Box 13206  
Lexington KY 40583-3206

To emphasize, anything sent to the old box (such as 2021 dues - you have sent yours right? :- ) will be received OK.

Chris  
KU4A

“A man can fool you with his mind, and his Soul and his Heart, but if you follow his feet you will pretty near find out where he is.”

-WILL ROGERS

# NEW MEMBERS

Sean Adams KO4PTL

PLEASE WELCOME This NEW MEMBER TO OUR CLUB.

## JUNE ZOOM MEETING

We'll have our usual Zoom meeting at 7:30 pm, on the first Monday of June, June 7th. There is no program yet lined up, so give consideration to whether or not you can make a presentation to benefit your fellow club members. If so, let me know, and we'll look forward to your presentation at the May meeting.

David Richardson will talk about the upcoming field day.

Chris  
KU4A

Join Zoom Meeting

<https://us04web.zoom.us/j/6813577284...>

Meeting ID: 681 357 7284

Passcode: 0r99sy

Topic: May BARS Zoom meeting has not been determined as of this date



Bluegrass Amateur Radio Society, Inc.  
Board of Directors Meeting May 17, 2021  
Basement Arlington Christian Church  
Lexington, KY

The BARS board of directors met Monday, May 17 at Arlington Christian Church (Disciples of Christ). The meeting was called to order at 7:07 PM

Board members present were:  
President Brad James (RBJ) WA4HBM  
First Vice-President Robert Brown (RB) KI4JWK  
Second Vice-President David Richardson (DR) W9KHZ  
Treasurer Bart Breeding (BB) KB4FEE  
Secretary Chris Gay (CG) KU4A

Director-at-large Jewell Vest (JV) KO4EPJ  
Director-at-large Tim Kunkel (TK) KF4MPM

This constituted the full seven-member board.

Others present were:  
Harvey Frye AA4HF  
Barry Jackson WB4N

The board approved by acclamation that the meeting would be adjourned no later than 9:00 PM

RBJ noted that two BARS members who are also members of the Military Auxiliary Radio System, Harvey AA4HF and Barry, WB4N consistently have been attending board meetings for several years. One of these members travels a long distance to attend. The first order of business was to understand their needs, and see if there was any

way that they could be provided with the information they need without investing the time and travel expense of attending the board meetings. These two members indicated that they did not consider their time and travel to be inconvenient. They have prior commitments on the first Monday of the month, and cannot attend general meetings or Zoom meetings.

RBJ noted the passing of Wesley Sparks, son of BARS member Harry Sparks, KN4S. CG said as per standard procedure, he would send a sympathy card, and Loretta Colvin would arrange for flowers, reimbursed by the club.

BB reported that a total of \$149 worth of club patches have been sold over and above the free patch that each paid member is entitled to. One application from a new member was read. RB moved, seconded by DR, that the membership application be approved. Passed by board.

EBay is changing the way it handles sales. Instead of depositing the proceeds of a sale into a PayPal account, on May 28th they will begin depositing to a regular checking account. CG moved, seconded by TK, that a little-used club checking account will be renamed "Internet sales" account, and be used for eBay. Passed by board. This account is separate from the club's main checking account.

CG moved, seconded by RB, that the treasurer make an annual rent payment for the new post office box (\$166), return the keys to the old post office box and set up a 1-year forwarding order to the new box, and reimburse a member \$13.01 for property damage when an item of club property was retrieved from storage on his property. Motion passed.

CG reported that he had completed assembly of a "ledger of motions" as required by the club bylaws. The LOM lists all motions voted on during board meetings (and will cover motions in general membership meetings when those resume). The LOM will be a permanent part of the club's historical archive, and available for reference during meetings.

(continued on page 6)

(continued from page 5, Directors meeting)

RB moved, seconded by CG, that this year's club hamfest be canceled. Only one vendor has committed to attending, and there was fear that the hamfest would be poorly attended and a money-loser for the club. Motion passed by board.

On the topic of shack refurbishment, RBJ reported that he had found some restroom vanities that would be excellent for replacing the old vanities in the club restrooms. The general consensus is that we will hold off on work on shack refurb until the general club area is cleaned up (see below).

On the subject of the antenna maintenance work that is planned, progress may be made this weekend as the weather is supposed to be cooperative. DR as shack chairman gave a summary of the work to be done. The rotator will be replaced, coax will be replaced, new coax will be run for a 70cm antenna and a new 2m antenna will be installed.

BB reported that six people have indicated an interest in a Technician class to be started in August. However, only two of the six can attend weeknight classes due to their work as firefighters or in law enforcement. We will have to wait a bit to see if we will have enough people able to attend the class before knowing for sure if we'll be able to have it.

Concerning the several hundred radio tubes that were received as a part of an estate donation, CG volunteered to sell them on eBay this fall as time permits. The tubes are now stored in the parts room and library area downstairs.

Concerning other items that the club owns that have been donated but not yet sold, the emphasis is on storing the items so they are out-of-the-way which would allow the use of the meeting area downstairs. On Saturday, May 15th a bunch of items were moved into storage with the help of many members who attended the normal Saturday morning shack operations. It is hoped that this will continue. Also, CG and RBJ will be working on the cleanup as well.

Brad reported that a member had expressed concerns about the club's use of social networking site "MeWe". After a thorough investigation, Brad found no reason to be concerned about the club's presence there and the board affirmed by acclamation its original decision to use MeWe to interact with local hams and other interested parties.

The board discussed, but took no action on, the idea of having a periodic "swap meet" on weekends using a parking lot near the club shack.

There was an extensive discussion of conducting a survey of club membership. The board is interested in learning a number of things about member interests and experience, and garner info about how the club might help them and how they might help the club. A basic strategy was outlined in which each member would be telephoned for a brief conversation to get important information, followed by a request to answer a survey distributed by e-mail which would go into more detail on a number of topics. More work will be done to determine the types of information to be gleaned from the survey.

The board discussed the fact that it will soon be necessary to recruit members to run for office for 2022. Board members agreed that the results of the survey will go a long way toward identifying possible candidates.

CG moved, seconded by JV, that the board ask Bill DeVore, N4DIT if he would be willing to chair the Ernie Farmer Award committee for 2021. Passed by board.

The board discussed, but took no action on, the idea of obtaining a document scanner and/or printer/fax machine for the club shack.

The board discussed, but took no action on, the idea of providing VHF/UHF repeaters in counties near Lexington that currently have little or no repeater coverage.

DR moved, seconded by BB, that the meeting be adjourned. Passed by board at 9:02 PM



## **What is ARRL Field Day?**

Produced by ARRL, the national association for amateur radio <http://www.arrl.org>

ARRL Field Day is the single most popular on-the-air event held annually in the US and Canada. On the fourth weekend of June of each year, thousands of radio amateurs gather with their clubs, groups or simply with friends to operate from remote locations.

Field Day is a picnic, a campout, practice for emergencies, an informal contest and, most of all, FUN!

It is a time where many aspects of Amateur Radio come together to highlight our many roles. While some will treat it as a contest, other groups use the opportunity to practice their emergency response capabilities. It is an excellent opportunity to demonstrate Amateur Radio to the organizations that Amateur Radio might serve in an emergency, as well as the general public. For many clubs, ARRL Field Day is one of the highlights of their annual calendar.

The contest part is simply to contact as many other stations as possible and to learn to operate our radio gear in abnormal situations and less than optimal conditions.

We use these same skills when we help with events such as marathons and bike-a-thons; fund-raisers such as walk-a-thons; celebrations such as parades; and exhibits at fairs, malls and museums — these are all large, preplanned, non-emergency activities.

But despite the development of very complex, modern communications systems — or maybe because they ARE so complex — ham radio has been called into action again and again to provide communications in crises when it really matters. Amateur Radio people (also called “hams”) are well known for our communications support in real disaster and post-disaster situations.

### **What is the ARRL?**

The American Radio Relay League is the national association for Amateur Radio in the USA, representing over 170,000 FCC-licensed Amateurs. The ARRL is the primary source of information about what is going on in ham radio. It provides books, news, support and information for individuals and clubs, special events, continuing education classes and other benefits for its members.

### **What is Amateur Radio**

Often called “ham radio,” the Amateur Radio Service has been around for a century. In that time, it’s grown into a worldwide community of licensed operators using the airwaves with every conceivable means of communications technology. Its people range in age from youngsters to grandparents. Even rocket scientists and a rock star or two are in the ham ranks. Most, however, are just normal folks like you and me who enjoy learning and being able to transmit voice, data and pictures through the air to unusual places, both near and far, without depending on commercial systems.

The Amateur Radio frequencies are the last remaining place in the usable radio spectrum where you as an individual can develop and experiment with wireless communications. Hams not only can make and modify their equipment, but can create whole new ways to do things.

**For More Information visit: [www.arrl.org/field-day](http://www.arrl.org/field-day)**

Updated 3/2021



PROJECT BUILD

## A Copper Tape Antenna for Two Meters

Project by Steve Ford, WB8IMY  
Process Photos by Dino Papas, KLØ

### Tools

- Wire cutters
- Soldering iron and solder
- Hobby knife or scissors
- Small screwdriver

### Materials

- 10 inches of #18 insulated wire
- At least 30 inches of 3.2 mil adhesive copper foil tape (Steelsoft 3.15 mil)
- 2 screw-type banana plugs (gold-plated 4 mm screw-type banana plugs)
- 1 MWRF Source BNC female-to-dual-4 mm-banana-female jack adapter/connector

**H**ere's an absurdly simple — and even “disposable” — dipole antenna you can build for operating on the 2-meter band. It's ideal for amateurs who can't install antennas outdoors, because this antenna is designed to stick onto any convenient window in your house or apartment.

At the core of the antenna are two strips of adhesive copper foil tape. Copper tape is very inexpensive, and comes in rolls just like any other tape. The tape has copper on both sides, but one side is coated with an electrically conductive adhesive. We'll only need about 30 inches for this project, so you will have a lot of tape left over for other experiments.

The antenna is easy to build, and because the copper tape is so inexpensive, if something goes wrong (or if you ever want to re-position the antenna), just throw the antenna away and make another! Assembly time is about 15 minutes.

There are many ways to approach this project. The steps shown here will result in an antenna that is as easy as possible to install. That's why the design uses components that plug into each other. For example, the antenna uses an inexpensive connector and a couple of banana plugs to accommodate connections to the tape strips as well as the coaxial cable for your radio.

Even so, this design is extremely flexible. You won't have to use the components suggested; maybe you'll have a different approach in mind — for example, the process photos show solder-on banana plugs, rather than the screw-on type recommended in the materials list. Regardless of how you put everything together, the result should be an antenna with a reasonably low SWR (less than 2:1) across most of the 2-meter band.

Depending on where you install your antenna, it should allow you to reach most nearby repeaters and make some direct simplex contacts as well.

(continued on page 9)

(continued from page 8)

### Step 1

Using the hobby knife or scissors, cut two 15-inch strips of copper tape. Do not remove the paper backing. Also cut two 3-inch lengths of insulated wire, and strip away about 1/2-inch of insulation from the ends of both wires (see ①).

### Step 2

Unscrew the screws from two banana plugs, but don't remove them completely. Now insert the stripped ends of the insulated wires into the plugs and tighten the screws (see ②).

### Step 3

Using your soldering iron, solder the other ends of the insulated wires onto the ends of the two copper tape strips. You may find that you must press the tip of the iron into the wire and tape, holding it there while applying the solder, and then continuing to hold it until the solder flows onto the copper (see ③). You may also want to use tools or other objects to hold the tape strips and wires in place while soldering.

### Step 4

Take the tape strips to your chosen window. Choose a location on the glass that is as far as possible from any long pieces of metal. Also beware of metal window screens. You cannot have a window screen in front or behind the antenna, as this will "detune" it, resulting in a high SWR.

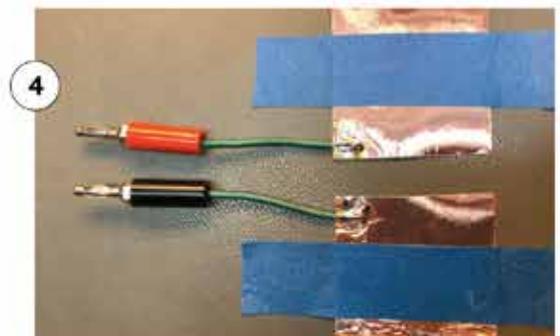
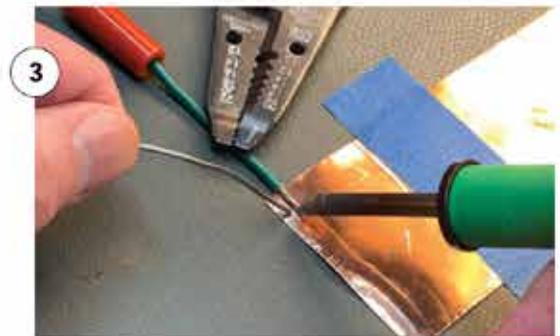
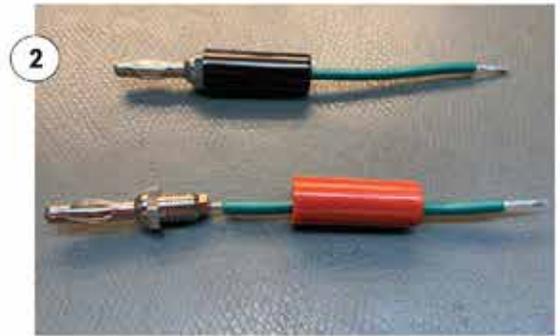
Gently remove the paper backing from one strip of tape and apply the tape to the glass in a vertical orientation. The end of the strip with the banana plug should be on the bottom.

Remove the paper backing from the other strip and apply it vertically to the glass, just below the top strip. The banana plug on this bottom strip should be at the top, close to the plug on the top strip. Leave a gap of about 1/2 inches between the ends of the two strips (see ④ for a dry run of this on a workbench).

You'll notice that we're suggesting that the copper tape antenna should be oriented vertically. That's because most FM stations, including repeaters, use vertically polarized antennas. But there is nothing preventing you from trying different orientations to see what happens. Thanks to the ease and flexibility of using adhesive copper tape, you can turn almost any window into your own antenna laboratory!

### Step 5

Insert the banana plugs into the adapter and use electrical or transparent tape to secure the adapter to the glass (see ⑤ for a dry run of this on a workbench).



(continued on page 10)

ON THE AIR

(continued from page 9)

### Step 6

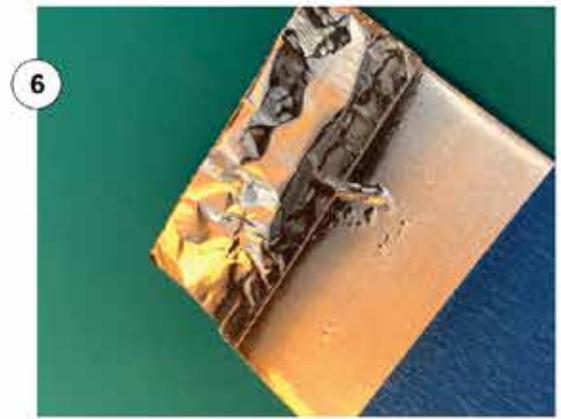
Connect your coaxial cable to the adapter and rout the cable horizontally away from the antenna for as long as possible, using tape as necessary to support the cable. Use lightweight cable such as RG-58 and a BNC connector. Because this cable is being used at VHF, however, keep the length at 30 feet or less — less is better.

### Step 7

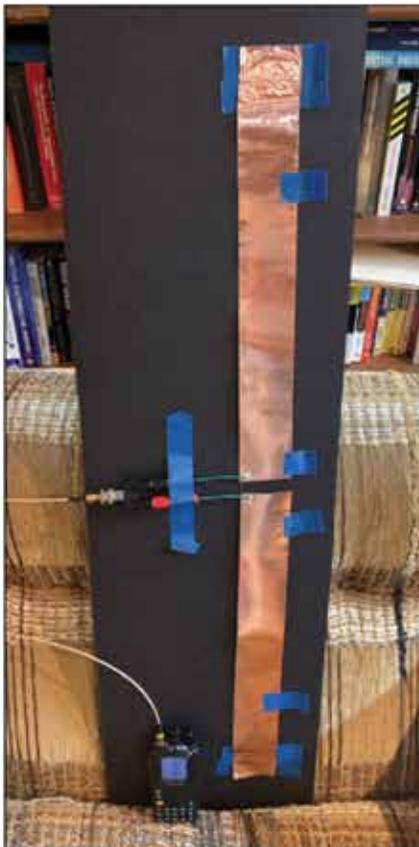
Connect your 2-meter FM transceiver. If your transceiver has a built-in SWR meter, try a test transmission and look at the result. If frequency at which the SWR is lowest is too low in the band, remove 1/2-inch pieces from both ends of both tape sections and try again. If it is still too low in the band, remove more pieces from each strip until you achieve the lowest SWR (preferably less than 2:1) at 146 MHz. Make sure the pieces you remove are of equal lengths.

On the other hand, if the low SWR point occurs at a frequency *above* the 2-meter band, add pieces of tape to each end. The adhesive is electrically conductive, so you can put the edges of the additional pieces directly on top of the top and bottom edges of the strips (see 6).

If your radio lacks an SWR meter, but at least has a power-output meter, transmit and check the indication. If the meter indicates that you are putting out maximum power at the power level you selected, chances are good that the antenna SWR is acceptable. But if the power meter indicates that the radio is reducing its output from the level you selected, this is strong sign that a problem exists.



Steve Ford, WB8IMY, is the retired Editor in Chief of QST. Dino Papas, KLØS, is a frequent QST and On the Air contributor and has been an amateur radio operator for over 50 years. You can contact Dino at [kl0s@arrl.net](mailto:kl0s@arrl.net).



#### Coming Unstuck with Ham Ingenuity

When building this antenna in order to photograph the process, Dino Papas, KLØS, strayed from the instructions a bit — as hams sometimes do. He used blue painter's tape to mount the antenna on a piece of poster board, so he could adjust the SWR before permanently sticking the antenna to a window. Of course, it could be argued that you could just leave the antenna mounted on the board so it could be moved to wherever you'd like to put it.

ON THE AIR



The largest on-air event returns June 26 – 27, 2021.

1800 UTC Saturday, June 26 through 1759 UTC Sunday, June 27.

**Bands and Modes:** Participants may only operate on the 160-, 80-, 40-, 20-, 15-, and 10-meter HF bands, and may use all bands 50 MHz and above using phone, CW, and/or digital modes.

**Setup:** Class A and B stations that wish to operate for only 24 hours may begin their setup at 0000 UTC on the Friday (Thursday afternoon or evening local time) preceding the ARRL Field Day period. Cumulative setup time for those stations may not exceed a total of 24 hours. Class A and B stations that wish to operate the full 27-hour Field Day period may not begin setup until 1800 UTC on Saturday.

**Reporting Your Score:** All entries must be received at ARRL HQ no later than Tuesday, July 27, 2021. Participants are strongly encouraged

to use the online ARRL Field Day score reporting system at [www.field-day.arrl.org](http://www.field-day.arrl.org). Online entrants will receive an email confirmation that their entry was accepted, as well as 50 bonus points for submitting their score electronically.

**2021 Rules Waivers:** The 2020 Field Day rules waivers have been extended to 2021: Class D stations can work other Class D stations for points. As with last year, participants operating from their home stations can contribute their scores to that of their club's aggregate score, which will be published in *QST*.

In addition, a new rule waiver has been added for 2021: Class D and Class E stations are limited to 150 W peak envelope power (PEP) transmitter output.

Let everyone know where you'll be for Field Day by using the Field Day Locator at [www.arrl.org/field-day-locator](http://www.arrl.org/field-day-locator). It can also be used to find a nearby Field Day site, or an operation to join if you're travelling out of town.

Other bonus point options are available, including newer additions like the social media bonus. Groups (not individuals) who actively promote their Field Day event on a social media platform (such as Facebook, Instagram, or Twitter) earn 100 bonus points. Use the hashtag **#ARRLFD** to share your plans and tips for a successful Field Day.

Participants should download and review the material found in the 2021 Field Day packet (including information about available bonus points), at [www.arrl.org/field-day](http://www.arrl.org/field-day). Email any questions to [fdinfo@arrl.org](mailto:fdinfo@arrl.org).



Curt Laumann, K7ZOO, set up his 2020 ARRL Field Day station just outside of Sonoita, Arizona, powered entirely by solar power. In the foreground are his 2-meter and 70-centimeter Lindenblad antennas, which he used for satellite contacts. [Curt Laumann, K7ZOO, photo]



## Remote Station Helps Cal Poly Hams Learn By Doing

**Davide Lanfranconi, W6DGE**

CPARC Vice President Davide Lanfranconi, W6DGE, climbing the club's satellite tower to install their APRS weather station.

**T**he Cal Poly Amateur Radio Club, W6BHZ, is the oldest club on the California Polytechnic State University San Luis Obispo campus. Founded in 1947, the club has always maintained a tradition of maintaining communications both on campus and with the city of San Luis Obispo. The Cal Poly motto is “Learn by Doing,” and we thought that there would be no better way for us to apply this motto than by setting up a remote HF station for club members and alumni to use.

Many amateur radio operators are unable to set up an antenna, whether due to local ordinances, or HOA community or apartment building restrictions. This is particularly applicable to college students who either live on campus, or off campus in rental homes, where setting up an HF antenna in the short term is not logistically or financially feasible.



Cai Poy Amateur Radio Club, W6BHZ.

As such, the club decided that we would set up a remote HF station for club members to use, and it has become one of our most successful and popular projects. We set up an Elecraft KX3 with a Diamond CP6AR Vertical Antenna on the roof of our shack. We can transmit in all modes, including data, CW, and phone, as well as linking to our repeater through the 2-meter module. The radio is controlled through an interface on the local shack computer, and the computer can be remotely accessed from any device using the TeamViewer application. Audio is passed between the radio and remote operator using Skype, and there is minimal delay in the audio, depending on network speed and stability of the end user.

The station gets regular use from club members and club alumni. We recently gave a presentation on how the station works, and did a live Q & A with other college clubs on an ARRL Collegiate Amateur Radio Initiative (CARI) call. Each week we have a new member coming to our regular HF Get On The Air (GOTA) sessions to learn about HF and how to operate our station. Once members are trained, they are welcome to use the station whenever they want. We have also used the station to make contacts with club members and alumni who have stations at home, to help new members get on the air and experience the world of opportunities that exist with HF communication.

#### About Remote Stations

A *remote station* is any station that's not in the same location as its operator, whether it's down the road, or several states away. Setting up a remote station (or arranging for access to another ham's remote station) may be a good option for hams who live in small spaces, places that have antenna restrictions, or locations that are geographically difficult (it's hard to operate on VHF when you live in a valley) or have a lot of electronic interference. Some hams opt to "remote in" to commercially available superstations for the purpose of participating in a contest, or the sheer thrill of operating a high-end station. A fast, reliable internet connection makes remote operation possible.

*Davide Lanfranconi, W6DGE, is the CPARC Vice President and is currently studying Mechanical Engineering. He is an active member of the Cupertino ARES and SLO ARES groups.*

**NOTICE TO MEMBERS**  
**The Treasurer's Report or any financial reports will not appear in the Newsletter.**  
**The Treasurer's reports are available to any BARS members in good standing. You will need to request the report that you would like to have. Send email to: KB4FEE@ARRL.net**

**ANNUAL  
 BLUEGRASS  
 AMATEUR  
 RADIO  
 SOCIETY, INC.  
 FIELD DAY  
 JUNE 26-27, 2021  
 VETERAN'S PARK  
 SHELTER #3**

**SETUP START  
 TIME  
 10:30 AM**

**OPEATIONAL  
 2:00PM  
 YOU ARE  
 ENCOURAGED  
 TO BRING YOUR  
 OWN EQUIPMENT**

## Call for Nominations - Ernie Farmer Memorial Award

Nominations are requested for the person you feel meets or exceeds the below-listed qualities as related to amateur radio and its many diverse and varied activities. Nominations should be sent to Brad James/WA4HBM, President, Bluegrass ARS, Inc., PO Box 13206, Lexington, Kentucky 40583..

The person selected from your nominations will be honoured during a special award ceremony held during the annual picnic September 13, 2021. Many arrangements must be made, so do not put this off.

### Rules

1. This award is to be presented during the annual picnic.
2. The call for nominations must be published in the Bluegrass ARS newsletter three consecutive months prior to the deadline for nominations, which is thirty (30) days prior to the picnic. Any nominations received after that date (August 13, 2021) will not be considered.
3. Nominations must be in writing and signed, or by e-mail with submitters name clearly shown, with specific and adequate information describing why the nominee should be considered.
4. Areas of consideration:
  - a. Involvement in public relations.
  - b. Operating excellence.
  - c. Involvement in public service.
  - d. Assistance to prospective and/or licensed amateurs.
  - e. A combination of these for the general furtherance of amateur radio.
5. The President shall appoint a committee of no less than three to consider nominations and select the winner. The committee shall select the winner within two weeks after the deadline and procure an appropriate plaque in sufficient time to permit presentation at the picnic. Also, the committee will write a letter of commendation outlining the reasons for the award. This is to be presented along with the plaque.
6. The winner will be notified prior to the hamfest to permit acceptance of the plaque and the letter and attendance at the picnic.
7. The name of the winner and the contents of the commendation letter will be published in the Club newsletter following the picnic.

**The Central KY ARRL Hamfest (BARS) scheduled for August 14, 2021 has been cancelled.**

**Due to the virus, many vendors were still reluctantly not participating in hamfest.**

**We will be looking to again hold our Hamfest next year.**

## Previous Winners of the Ernie Farmer Memorial Award

The following persons have previously been selected by their fellow Hams as possessing the characteristics listed in the Call for Nominations. You probably recognize many of the names and call signs because they are always there when needed and do not hesitate to get involved.

- |  |                                 |
|--|---------------------------------|
| 1979 - Sam Humphries/WA4KKV  | 2012 - Pete Clough/WD4GPO       |
| 1980 - William Alcock/W4CDA (Danville)   | 2013 - Pat Hayden/AI4W          |
| 1981 - Bill Shepherd/W4AUZ   | 2014 - Glenn A. Dawson/AK4HA    |
| 1982 - Mike Mahlbacher/WA4UQA  | 2015 - No nominations received  |
| 1983 - Ed Bono/WA4ONE, and<br>Harry Bradshaw/W4TPB (SK)  | 2016 - Joseph Wallace/KE6IVK    |
| 1984 - Bill DeVore/N4DIT   | 2017 - Christopher Gay/KU4A     |
| 1985 - Ed White/KD4TQ (SK)   | 2018 - David Richardson/W9KHZ   |
| 1986 - Scott Hackney/KI4LE   | 2019 - Bart Breeding/KB4FEE     |
| 1987 - Nan Muth/AA4UN, and<br>John Boyers/W8OM (Plain City, Ohio)  | 2020 - No nomination determined |
| 1988 - No nominations received   |                                 |
| 1989 - Bill Woodward/KC4CHF (SK), and<br>Jim Odom/WA4GHQ (now AC4FP, SK)                                   |                                 |
| 1990 - John Thernes/WM4T (Covington)   |                                 |
| 1991 - John Crutcher/KC4DUU  |                                 |
| 1992 - Bobby Rolph/KB4QNR  |                                 |
| 1993 - Ralph Herndon/KN4DF   |                                 |
| 1994 - Johnie Watson/KC4JNR (now NA4J) (SK Feb 2013)   |                                 |
| 1995 - Paul Mitchell/N4DUE   |                                 |
| 1996 - Bill Fuqua/KO4WW (now WA4LAV) and<br>Jim Muth/N4CGQ   |                                 |
| 1997 - Steve McCallum/K4URX (W2ZBY) (SK)   |                                 |
| 1998 - Harry Sparks/KN4S   |                                 |
| 1999 - None awarded  |                                 |
| 2000 - Ron Ritchie/KF4MOM  |                                 |
| 2001 - Ron Dodson/KA4MAP (Webster, Kentucky)<br>- James Craig McKechnie/KE4FFQ                             |                                 |
| 2002 - Lou Berry/AG4LB, and<br>Pat Spencer/KD4PWL  |                                 |
| 2003 - John Bell/K4RBH (Honorary Presentation, SK),<br>Fernie Williams/KE4MAI and<br>Jerry B. Young/WA4WWH |                                 |
| 2004 - Tom Mansfield/KG4TND  |                                 |
| 2005 - Darryl Bennett/KD4CSW   |                                 |
| 2006 - Greg Cross/WA8FJK   |                                 |
| 2007 - Margueritte Williams/KE4MAJ   |                                 |
| 2008 - Jeanie Dalton-Pugh/KB8QLC   |                                 |
| 2009 - No nominations received   |                                 |
| 2010 - No nominations received   |                                 |
| 2011 - Brad James/WA4HBM   |                                 |

# Countdown to W4DXCC

September 24th and 25th, 2021, Pigeon Forge, TN

Breaking News!

Hello Friends and Club Officials

Please pass along this W4DXCC Convention announcement to your club members and friends.

We are EXCITED to report that the W4DXCC DX and Contest Convention WILL hold it's 16th convention September 24-25th, 2021!!

We have an awesome group of presenters this year that I know will interest everyone. Friday is the Ham Radio Bootcamp where we do our best to provide the knowledge to New and Experienced Hams alike.

Saturday is the main convention where we have numerous well known presenters, giving you the inside scoop on what is going on in amateur radio. Following each presentation we have time for questions if you would like to know more.

We have the leading radio and equipment manufacturers setup in the lobby with the latest gear for you to twist the knobs. More importantly you can have a one on one to ask questions about the gear with the company representative in a relaxed environment.

We have a fully operational Ham Shack setup where you can come learn and make QSO's in different modes.

It is time to make your Hotel reservations for this years convention. You can NOT make Online reservations for this event!

Call them on the phone at 865 428-8350 and be sure to tell them you are with W4DXCC to get the special rate.

Convention Registration will open soon including Online Ticket Purchasing. Coming Soon. Check out the Website and learn about the W4DXCC DX and Contest Convention. Go Here [W4DXCC Convention](#) See you soon,

Dave Anderson, K4SV

Convention leader

[Dave@w4dxcc.com](mailto:Dave@w4dxcc.com)

Best 73

# Richmond Hamfest

Did you miss us in 2020? We sure missed  
you! Come see us in 2021  
Sept 18 2021

Sponsored by the

BLUEGRASS AMATEUR  
RADIO SOCIETY, INC.

Central Kentucky Amateur Radio Society

September 18, 2021

8:00 AM – 1:00 PM (Eastern time)



**NOTICE TO MEMBERS**

**The Treasurer's Report or any financial reports will not appear in the Newsletter. The Treasurer's reports are available to any BARS members in good standing. You will need to request the report that you would like to have. Send email to: [KB4FEE@ARRL.net](mailto:KB4FEE@ARRL.net)**

## REMINDERS

**If you have not paid your dues for 2021 yet, please do so. You will not be able to vote in the upcoming club officer election. You must be a paid member to participate in the election. It is important that your voice is heard and you have a voice in how the club is operated.**

**All members with 2021 paid dues can pick up a free club patch. Also, as long as they last you can purchase 2 additional patches for \$5.00. Please bring exact change (we can't make change).**

**The annual dues run during a calendar year, January to December. If you join during the year, the dues are pro rated based upon when you join. Also, dues are \$20.00 per year, with a 60-day grace period ending on the last day of February. If you pay for multiple years, you get a discount:**  
**2yrs. is \$38**  
**3 yrs. is \$55**

### **Fayette County ARES Coordinator - Jewell Vest**

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

**We are looking for more folks that would help share in the net control. If you would like to Help, contact Bart Breeding, KB4FEE at KB4FEE@arrrl.net**

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

**SEE YOU THERE!!!**

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

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

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

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

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

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

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

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

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

## Schedule for Volunteer Examinations in 2021

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

The exam schedule for 2021 follows nearly the same format as past years. The scheduling is for Lexington/Fayette County and the sessions in Danville, Georgetown, Winchester, and Richmond hamfest. The Bluegrass Amateur Radio Society-sponsored ARRL exams will continue to be held on the second Saturday of the second month of each quarter (except the August Session will be the date of the Central Kentucky ARRL Hamfest in Lexington), and the WCARS sessions remain as they were last year, Tuesday evenings quarterly.

### Test Session Locations

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

\* August, Bluegrass ARS Hamfest, Eastland Shopping Center, Lexington, Kentucky  
\*\* September, Richmond Hamfest, Madison County Fairgrounds, Richmond, Kentucky

### Contact Information

ARRL VEC: Lexington and BARS ARRL Hamfest test sessions - Liaison **Fernie Williams/KE4MAI**, [ke4mai@arrl.net](mailto:ke4mai@arrl.net), 859-652-3393  
([www.bluegrassars.org](http://www.bluegrassars.org))  
Danville - Liaison **Harold Miller/AF6MB**, 541-602-6535  
, Wilderness Road ARC, <http://www.wrarc.com>  
Georgetown - Liaison **Ron Malinowski/WX4GPS**,  
[wx4gps@arrl.net](mailto:wx4gps@arrl.net), 502-542-8252  
WCARS VEC: Lexington - Liaison **Marguerite Williams/KE4MAJ**,  
[ke4maj@arrl.net](mailto:ke4maj@arrl.net), 859-489-6274 ([www.bluegrassars.org](http://www.bluegrassars.org))  
W5YI VEC: Winchester - Liaison **Darrell Epperson/AC4YD**,  
[AC4YD@arrl.net](mailto:AC4YD@arrl.net), 859-771-1834

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

Date and Time	VEC	Location
Saturday, June 12, 2021 10:00 am (ARRL VEC) Pre-registration Required		Georgetown Police Department 550 Bourbon St, Georgetown KY 40324
Further information, contact Ron Malinowski/WX4GPS 502-542-8252 Pre-register here: <a href="https://hamstudy.org/sessions/wx4gps">https://hamstudy.org/sessions/wx4gps</a>		
Tuesday, June 22, 2021 @ 6:00 pm (Laurel VEC)K4TG Further information - contact Brian Carter/KI4TLW 502.545.03		Church of Jesus Christ of Latter-Day Saints - Main Hall 101 Bogie Lee Ave, Frankfort KY 40601
Saturday, June 26, 2021 10:00 am (ARRL VEC) Sponsored by Wilderness Road Amateur Radio Club Pre-registration Required Further information, contact Harold Miller/AF6MB 541-602-6535		American Legion Post 46 45 Spears Lane, Danville KY 40422

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

# Contest Corral

# June 2021

Check for updates and a downloadable PDF version online at [www.arrl.org/contest-calendar](http://www.arrl.org/contest-calendar).

Refer to the contest websites for full rules, scoring information, operating periods or time limits, and log submission information.

Start - Finish		Bands	Contest Name	Mode	Exchange	Sponsor's Website		
Date-Time	Date-Time							
1	0100	1	0159	1.8-50	Worldwide Sideband Activity Contest	Ph	RS, age group (OM, YL, or youth)	<a href="http://wwsac.com/rules.html">wwsac.com/rules.html</a>
1	1700	1	1900	3.5-14	RTTYops Weeksprint	Dig	Other's call, your call, serial, name	<a href="http://rttyops.wordpress.com">rttyops.wordpress.com</a>
2	1300	2	1400	1.8-28	CWops Mini-CWT Test	CW	Name, mbr or SPC	<a href="http://cwops.org/cwops-tests">cwops.org/cwops-tests</a>
2	1700	2	2000	144	VHF-UHF FT8 Activity Contest	Dig	4-char grid square	<a href="http://ft8activity.eu/index.php/en">ft8activity.eu/index.php/en</a>
2	1900	2	2000	1.8-28	CWops Mini-CWT Test	CW	Name, mbr or SPC	<a href="http://cwops.org/cwops-tests">cwops.org/cwops-tests</a>
3	0300	3	0400	1.8-28	CWops Mini-CWT Test	CW	Name, mbr or SPC	<a href="http://cwops.org/cwops-tests">cwops.org/cwops-tests</a>
3	1700	3	2100	28	NRAU 10-Meter Activity Contest	CW Ph Dig	RS(T), 6-char grid square	<a href="http://nrricontest.no">nrricontest.no</a>
3	1900	3	2100	1.8-50	SKCC Sprint Europe	CW	RST, SPC, name, mbr or "none"	<a href="http://www.skccgroup.com">www.skccgroup.com</a>
4	0000	6	2359	1.8-50	PODXS 070 Club 3-Day Weekend Test	Dig	Name, RST, SPC	<a href="http://www.podxs070.com">www.podxs070.com</a>
4	0145	4	0215	1.8-21	NCCC RTTY Sprint	Dig	Serial, name, QTH	<a href="http://www.ncccsprint.com">www.ncccsprint.com</a>
4	0230	4	0300	1.8-21	NCCC Sprint	CW	Serial, name, QTH	<a href="http://www.ncccsprint.com">www.ncccsprint.com</a>
4	2000	4	2100	1.8-14	K1USN Slow Speed Test	CW	20 WPM max. Name, SPC	<a href="http://k1usn.com/sst.html">k1usn.com/sst.html</a>
5	0000	5	2359	3.5-28	VK Shires Contest	CW Ph	RS(T), VK Shire or CQ zone	<a href="http://wia.org.au/members/contests">wia.org.au/members/contests</a>
5	0000	6	2359	28	10-10 International Open Season PSK Contest	Dig	Name, SPC, mbr	<a href="http://www.ten-ten.org">www.ten-ten.org</a>
5	0400	6	2000	3.5-28	DigiFest	Dig	RST, 4-char grid square	<a href="http://rigexpert.com/digifest">rigexpert.com/digifest</a>
5	0600	5	0800	7, 14	Wake-Up! QRP Sprint	CW	RST, serial, suffix of previous QSO	<a href="http://qrp.ru/contest/wakeup">qrp.ru/contest/wakeup</a>
5	0600	6	0600	1.8-UHF	KANHAM Contest	CW Ph	RST, prefecture (if JA)	<a href="http://jarl.gr.jp/kanhamcontest/en">jarl.gr.jp/kanhamcontest/en</a>
5	1200	6	1159	1.8-28	Tisza Cup CW Contest	CW	RST, CQ zone	<a href="http://tiszacup.eu/index.php/en">tiszacup.eu/index.php/en</a>
5	1300	6	1300	50	UKSMG Summer Contest	CW Ph	RST, serial, 6-char grid	<a href="http://uksmg.org">uksmg.org</a>
5	1400	6	0200	1.8-144	Kentucky QSO Party	CW Ph Dig	RS(T), KY county or SPC	<a href="http://www.kyqsoparty.org/rules">www.kyqsoparty.org/rules</a>
5	1500	6	1500	1.8-28	RSGB National Field Day	CW	RST, serial	<a href="http://www.rsgbcc.org/hf">www.rsgbcc.org/hf</a>
6	1700	6	2200	All	Cookie Crumble QRP Contest	CW Ph Dig	RS(T), SPC, cookie #, name	<a href="http://w3atb.com/cookie-crumble">w3atb.com/cookie-crumble</a>
7	1900	7	2030	3.5	RSGB 80-Meter Club Championship, Data	Dig	RST, serial	<a href="http://www.rsgbcc.org/hf">www.rsgbcc.org/hf</a>
8	0100	8	0300	3.5-28	ARS Spartan Sprint	CW	RST, SPC, power	<a href="http://arsqrp.blogspot.com">arsqrp.blogspot.com</a>
9	0030	9	0230	3.5-14	NAQCC CW Sprint	CW	RST, SPC, mbr or power	<a href="http://naqcc.info">naqcc.info</a>
9	1700	9	2000	432	VHF-UHF FT8 Activity Contest	Dig	4-char grid square	<a href="http://ft8activity.eu/index.php/en">ft8activity.eu/index.php/en</a>
12	0000	13	1559	3.5-28	DRCG WW RTTY Contest	Dig	RST, CQ zone	<a href="http://www.drcg.de/drcgww">www.drcg.de/drcgww</a>
12	0000	13	2359	50	SMIRK Contest	CW Ph	4-char grid square, mbr	<a href="http://smirk.org/contest.html">smirk.org/contest.html</a>
12	1100	12	1300	14, 21	Asia-Pacific Sprint, SSB	Ph	RS, serial	<a href="http://jsfc.org/apsprint/aprule.txt">jsfc.org/apsprint/aprule.txt</a>
12	1200	13	1200	3.5-28	Portugal Day Contest	CW Ph	RS(T), CT district or serial	<a href="http://portugaldaycontest.rep.pt">portugaldaycontest.rep.pt</a>
12	1200	13	2359	1.8-50	SKCC Weekend Sprintathon	CW	RST, SPC, name, mbr or "none"	<a href="http://www.skccgroup.com">www.skccgroup.com</a>
12	1400	12	1800	144, 432	AGCW VHF/UHF Contest	CW	RST, serial, power, 6-char grid	<a href="http://all.agcw.de/index.php/en">all.agcw.de/index.php/en</a>
12	1500	13	1500	3.5-28	GACW WWSA CW DX Contest	CW	RST, CQ zone	<a href="http://contest.com.ar/gacw-wwsa">contest.com.ar/gacw-wwsa</a>
12	1600	13	1600	50	REF DDFM 6-Meter Contest	CW Ph	RS(T), serial, 4-char grid	<a href="http://concours.r-e-f.org">concours.r-e-f.org</a>
12	1800	14	0259	50 and up	ARRL June VHF Contest	CW Ph Dig	4-char grid square	<a href="http://www.arrl.org/june-vhf">www.arrl.org/june-vhf</a>
14	0000	14	0200	1.8-28	4 States QRP Group 2nd Sunday Sprint	CW Ph	RS(T), SPC, mbr or power	<a href="http://www.4sqrp.com">www.4sqrp.com</a>
16	0030	16	0230	3.5-14	NAQCC CW Sprint	CW	RST, SPC, mbr or power	<a href="http://naqcc.info">naqcc.info</a>
16	1200	16	1400	7	SARL Youth Sprint	Ph	RS, age	<a href="http://www.sarl.org.za">www.sarl.org.za</a>
16	1900	16	2030	3.5	RSGB 80-Meter Club Championship, CW	CW	RST, serial	<a href="http://www.rsgbcc.org/hf">www.rsgbcc.org/hf</a>
19	0000	20	2359	1.8-28	All Asian DX Contest, CW	CW	RST, age	<a href="http://www.jarl.org/English">www.jarl.org/English</a>
19	1200	20	1159	3.5-28	Ukrainian DX Classic RTTY Contest	Dig	RST, 2-letter oblast or serial	<a href="http://urdxc.org/rtty/eng.htm">urdxc.org/rtty/eng.htm</a>
19	1400	20	1400	50, 70	IARU Region 1 50/70 MHz Contest	CW Ph Dig	RS(T), serial, 6-char grid	<a href="http://www.iaru-r1.org">www.iaru-r1.org</a>
19	1500	20	1500	1.8	Stew Perry Topband Challenge	CW	4-char grid square	<a href="http://www.kkn.net/stew">www.kkn.net/stew</a>
19	1600	20	0400	3.5-28	West Virginia QSO Party	CW Ph Dig	RS(T), WV county or SPC	<a href="http://www.qsl.net/wvsarc">www.qsl.net/wvsarc</a>
19	1800	19	1959	1.8-50	Feld Hell Sprint	Dig	RST, mbr SPC, grid	<a href="http://sites.google.com/site/feldhellclub">sites.google.com/site/feldhellclub</a>
19	1800	19	2359	3.5-14, 18, 21, 24, 28, 144 repeaters	ARRL Kids Day	Ph	Name, age, QTH, favorite color	<a href="http://www.arrl.org/kids-day">www.arrl.org/kids-day</a>
20	0800	20	1400	50	WAB 50 MHz Phone	Ph	RS, serial, WAB square or country	<a href="http://wab.intermip.net">wab.intermip.net</a>
20	2300	21	0100	1.8-28	Run for the Bacon QRP Contest	CW	RST, SPC, mbr or power	<a href="http://qrpcontest.com/pigrun">qrpcontest.com/pigrun</a>
23	0000	23	0200	1.8-50	SKCC Sprint	CW	RST, SPC, name, mbr or "none"	<a href="http://www.skccgroup.com">www.skccgroup.com</a>
24	1900	24	2030	3.5	RSGB 80-Meter Club Championship, SSB	Ph	RS, serial	<a href="http://www.rsgbcc.org/hf">www.rsgbcc.org/hf</a>
26	0600	26	1700	3.5-28	UFT QRP Contest	CW	RST/ QRP/QRO, mbr, or "NM"	<a href="http://uft.net/concours-qrp-uft">uft.net/concours-qrp-uft</a>
26	1200	27	1200	3.5-28	Ukrainian DX DIGI Contest	Dig	RST, oblast or serial	<a href="http://www.lzmail-dx.com">www.lzmail-dx.com</a>
26	1200	27	1200	1.8-28	His Majesty King of Spain Contest, SSB	Ph	RS, EA province or serial	<a href="http://concursos.ure.es/en">concursos.ure.es/en</a>
26	1800	27	2059	All, no WARC	ARRL Field Day	CW Ph Dig	Number of xmtrs, operating class, ARRL/RAC section or "DX"	<a href="http://www.arrl.org/field-day">www.arrl.org/field-day</a>
28	1900	28	2030	3.5-14	RSGB FT4 Contest Series	Dig	4-char grid square	<a href="http://www.rsgbcc.org/hf">www.rsgbcc.org/hf</a>

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

QST JUNE 2021

## American Red Cross

In the spirit of community service, and with thanks for the years of support.

The Bluegrass Amateur Radio Society, Inc., Board of Directors has agreed to starting a new program beginning January 2022. The Board has agreed that all donations made by club members to the American Red Cross, Bluegrass Chapter, through the BARS club, that they will match the total amount given by the club members, up to a total of \$1,200.00 for the year.

Additional information on how to participate in this program, will be published later.

### Program Schedule for 2021

Brad James, WA4HBM, Chair, Program Committee  
Bluegrass ARS, Lexington, Kentucky

The following programs are scheduled for 2021. Your input and suggestions for programs for 2021 are needed. Call Brad James at 859-293-5893 or e-mail at [sophie16@twc.com/](mailto:sophie16@twc.com/).

Month	Topic	Presenter(s)	Comments
✓ January	"Winter Field Day" January 30-31,2021	David Richardson/W9KHZ	
✓ February	cancelled due to virus		
✓ March	SkyWarn Presentation byway of ZOOM	Brad James	see zoom notice page 19
✓ April	DBJ-1 and DBJ-2 antenna	Ed Fong	zoom meeting see page 6
✓ May	Zoom meeting May 3, 2021 7:30 pm		see page 4
✓ June	cancelled due to virus	Field Day June 26-27, 2021	
✓ July	NOT DETERMINED		
✓ August	Central Kentucky ARRL Hamfest	August 14, 2021	
✓ September	Annual Family Picnic	September 13, 2021	
✓ October	NOT DETERMINED		
✓ November	NOT DETERMINED		
✓ December	<b>Election</b>	Brad James	

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

Volunteer examinations are held in or near Lexington on a schedule that has tests in central Kentucky every month of the year. Schedules for area sessions, plus meetings, etc., are as follows:

The Bluegrass Amateur Radio Society, Inc. (Lexington) - (Fernie Williams/KE4MAI (ARRL - \$15.00) and Margie Williams/KE4MAJ(WCARS- \$10.00)), with Darrell/AC4YD in Winchester and Richmond (W5YI), John/K4FT in Danville (ARRL), and Ron/WX4GPS in Georgetown (ARRL - \$15.00), have a schedule to offer an exam monthly in Lexington/central Kentucky. (See schedules on page 10 of this newsletter). ARRL sponsored tests are held the second Saturday of the month, 10:00 AM in the Red Cross Building, Meeting Room "B", 1450 Newtown Pike, Lexington (except the August session is the Saturday of the second weekend of the month and is held at the site of the Central Kentucky ARRL Hamfest), and WCARS sponsored sessions are held the third Tuesday of the scheduled month, 7:00PM in Meeting Room "A" in the Red Cross Building, 1450 Newtown Pike, Lexington. Contact Margie/KE4MAJ at 859-489-6274 or email to ke4maj@arrl.net. Go to <<http://www.lexkywcars.org>> for information.

Winchester (W5YI VEC) - They are located in the Clark County EOC, 200 Maryland Avenue, Winchester, Kentucky. Their 2019 schedule (10:00AM): Saturday, January, 12, Saturday, April 13, Saturday, July 13, and Saturday, October 12. Contact Liaison Darrell Epperson/AC4YD, AC4YD@arrl.net, 859-771-1834

Danville (ARRL VEC) - Test sessions are fourth Saturday in January, April, July and October at 10:00 AM. Liaison Harold Miller/AF6MB, harod.p@miller.org, 541-602-6535, Wilderness Road Amateur Radio Club, American Legion Post 46, 45 Spears Lane, Danville, KY 40422 - Repeater 145.310 (100 pl).

Georgetown (ARRL VEC) - Liaison Ron Malinowski/WX4GPS, wx4gps@arrl.net, 502-542-8252, Georgetown Police Dept, 550 Bourbon St., Georgetown (for dates see schedule on page 4 of this newsletter).

Radio Theory and Construction Workshop - Each Saturday 1:00-3:00 PM in the Bluegrass ARS Education Center, basement of the Red Cross Building, 1450 Newtown Pike, Lexington. Contact Bill Fuqua/WA4LAV at (859) 272-9523 or wa4lav@arrl.net.

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

Fayette County ARES Net - Tuesday, 8:30 PM, 146.940 (-600 Tone 88.5) repeater.

Amateur Television and Specialized Communications Net

- An informal meeting is held every Sunday evening at 9:00 PM (local time)

on the 146.760 (-600 offset) repeater in Lexington.

Kentucky Six-Shooters Net - Wednesday evenings at 9:00 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 - Suspended for the time

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-Mason County EOC (station call KY4MME on QRZ). 668 Kenton Station Road, Maysville, KY 41056.

Pioneer ARC (Winchester) - Fourth Tuesday each month, Golden Corral Restaurant, 7:00 PM (eat at 6:00), except March 17 meet at Christview Christian Church (SkyWarn). Talk-in/info on 145.430 (-600, T-203.5).

Jessamine Amateur Wireless Society (Nicholasville) - Meet Second Monday each month, 7:00 PM, St. Joseph/R.J. Corman Ambulatory Care Center, 1250 Keene Road (U.S. 27 Bypass south to intersection with 169; turn at the light.) Talk-in on the 145.490 (T-123.0).

The Jessamine County ARES Net - Tuesdays at 7:30 PM, 145.490 Repeater, Gary Britten W4GNB net control.

The Madison County ARES Net, Monday at: 7:00 PM, 146.865 (pl 192.8). Everyone is invited to check in. . . Wilderness Trail Emergency Net, Wednesdays, 8:30 PM, 146.715 (pl 100.0). . . Glenn/KO4OL.

District 11 Skywarn Net meets Sundays at 8:00 PM on 146.925 (-PL- 79.7) and is linked to 147.180 (PL-74.4) and other repeaters in and close to the area. District 11 ARES Net meets Mondays at 9:00 PM on 146.925 (PL-79.7) and is linked to 147.180 (PL-74.4) and other repeaters in and close to the area.

Please send any changes or corrections to these notices to my attention, Bart Breeding/KB4FEE, in care of Bluegrass ARS, Inc., PO Box 13206 Lexington, KY , or e-mail to KB4FEE@arrl.net

**"The worst thing that happens to you may be the best thing for you if you don't let it get the best of you." – Will Rogers**

**Bluegrass Amateur Radio Society, Inc.**

**Invites you to**

**Come join us for the Annual Field Day Event**

**June 26-27, 2021**

**At Veteran's Park shelter #3**

**Setup will start at approximately 10:00 am**

**Everyone is encouraged to bring their own equipment.**

**Setup help will be available.**

**Extra stations will be available.**

---

**The annual Family Picnic for the  
Bluegrass Amateur Radio Society, Inc.**

**will be held on**

**September 13, 2021**

**at the Shillito Park shelter #2.**

**Mark your calendars and plan on  
attending with your friends and family.**

**additional information will be provided  
later.**

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 kb4fee@arrl.net

Standing Committee Chairs:  
 Contest ..... Pete Kragh/K2UPD (859) 223-9389 (k2upd@aol.com)  
 Education .....  
 Emergency Preparedness (Liaison Bluegrass ARS with LFUCG DEM) ..... Sandy Gragg/KM4PJU (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 ..... Brad James/WA4HBM (859-292-5893) (sophie16@twc.com)  
 Public Relations and Membership... Bart Breeding/KB4FEE (859) 644-2216 (aratat291@twc.com)  
 Repeater .....  
 Shack ..... David Richardson/W9KHZ (859) 983-1380 (daveinlex3@gmail.com)  
 Volunteer Examinations ..... Fernie Williams/KE4MAI (859) 652-3393 (ke4mai@arrl.net)  
 Trustees, Ex Officio Committee Chairs, and Contacts for Special Activities:  
 Historian ..... Chris Gay/KU4A(859)299-9383 (ku4a@yahoo.com)  
 KY-QRP Group..... Roger Colvin/KJ4YSY (859) 494-6268 (KJ4YSY@GMAIL.COM)  
 Library ..... Chris Gay/KU4A (859) 299-9383 (ku4a@yahoo.com)  
 Shack/Repeater Trustee ..... David Richardson/W9KHZ(859) 983-1380 (daveinlex3@gmail.com)  
 HF Liaison to Shack Committee .... David Richardson/W9KHZ  
 VHF Liaison to Shack Committee ... Tim Kunkle/KF4MPM

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

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

Treasurer: (Interim)  
 Bart Breeding/KB4FEE  
 3101 Symons Cir.  
 Lexington, KY 40511  
 859-644-2216  
 KB4FEE@arrl.net

First Vice-President:  
 Bob Brown/KI4JWK  
 2020 Armstrong Mill #2221,  
 Lexington, KY 40515  
 859-271-2979  
 robertb@QX.net

Secretary:  
 Chris Gay/KU4A  
 420 Sandlewood Dr.  
 Lexington, KY 40505  
 502-321-4166  
 ku4a@yahoo.com

Directors-at-Large:  
 Tim Kunkle/KF4MPM  
 426 Blueberry Lane  
 Lexington, Kentucky 40503  
 859/279-6307, and  
 Bart Breeding/KB4FEE  
 3101 Symons Cir.  
 Lexington, KY 40511  
 859-644-2216  
 KB4FEE@arrl.net

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 JUNE 2021

- Tue 1 Amateur Swap Net 145.370 (T-192.8) 8:00 PM; "Casual Communicators Net," 9:00 PM Eastern, 443.325+ MHz. KY-QRP Net suspended; Fayette County ARES Net at 8:30 PM on the 146.940 repeater and PL Tone of 88.5
- Wed 2 Open Rag chew Net 8:00 pm 146.760 neg offset no PL tone; Wilderness Trail Emer Net, 8:30 pm, freq. 146.715, PL 100; Six Shooters Net, 9:00 PM on 52.525 MHz FM (vertically polarized);
- Thur 3 Jessamine Cty ARES Net, 7:30 PM, 145.490 Repeater, Gary Britten W4GNB net control
- Sat 5 Shack closed; Open Rag chew Net 8:00 pm 146.760 neg offset no PL tone; License Exam session, 10:00 am, Clark County EOC, 200 Maryland Ave., Winchester, KYW5YI VEC: Winchester - Liaison Darrell Epperson/AC4YD, AC4YD@arrl.net, 859-771-1834
- Sun 6 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 7 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 8 Amateur Swap Net 145.370 (T-192.8) 8:00 PM; "Casual Communicators Net," 9:00 PM Eastern, KY-QRP Net suspended; Fayette County ARES Net 8:30 PM 146.940 with a PL tone of 88.5
- Wed 9 Open Rag chew Net 8:00 pm 146.760 neg offset no PL tone; Wilderness Trail Emer Net, 8:30 pm, freq. 146.71 PL 100;
- Thu 10 Jessamine Cty ARES Net, 7:30 PM, 145.490 Repeater, Gary Britten W4GNB net control.
- Sat 12 Shack closed; Open Rag chew Net 9:00 am 146.760 neg offset no PL tone; **License Exam session, 5:00 pm (ARRL VEC) Pre-registration Required Georgetown Police Department, 550 Bourbon St, Georgetown KY 40324**  
**Further information, contact Ron Malinowski/WX4GPS 502-542-8252 Pre-register here: <https://hamstudy.org/sessions/wx4gps>**
- 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 District 11 ARES Net 9:00 PM 146.925 (PL-79.7) linked to 147.180 (PL-74.4) and other repeaters in area.
- Tue 15 Amateur Swap Net 145.370 (T-192.8) 8:00 PM; "Casual Communicators Net," 9:00 PM Eastern 443.325+ MHz; Fayette County ARES Net 8:30 pm on the 146.940 repeater with a PL tone of 88.5;
- Wed 16 Open Rag chew Net 8:00 pm 146.760 neg offset no PL tone; Wilderness Trail Emer Net, 8:30 pm, freq. 146.715,
- Thu 17 Jessamine Cty ARES Net, 7:30 PM, 145.490 Repeater, Gary Britten W4GNB net control. PL 100; Six Shooters Net, 9:00 PM on 52.525 MHz FM (vertically polarized);
- Sat 19 Shack closed; Open Rag chew Net 9:00 am 146.760 neg offset no PL tone; License Exam Session, 10:00 am, ARRL VEC, American Legion Post 46, 45 Spears Lane, Danville, KY, Liaison Harold Miller/AF6MB, 541-602-6535, Wilderness Road ARC, <http://www.wrarc.com>, Pre-registration Required, Pre-register here: <https://hamstudy.org/sessions/600ee698ffa7c81ace96b7b3/1>
- 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) linked to 147.180 (PL- 74.4) and other repeaters in the area.
- Mon 21 District 11 ARES Net 9:00 PM 146.925 (PL-79.7) linked to 147.180 (PL-74.4) and other repeaters in area.
- Tue 22 Amateur Swap Net 145.370 (T-192.8) 8:00 PM; "Casual Communicators Net," 9:00 PM Eastern, KY-QRP Net suspended; Fayette County ARES Net 8:30 PM 146.940 with a PL tone of 88.5; **License Exam Session 6:00 pm (Laurel VEC) Further information - contact Brian Carter/KI4TLW, 502-545-0376 Church of Jesus Christ of Latter-Day Saints - Main Hall, 101 Bogie Lee Ave, Frankfort KY 40601**
- Wed 23 Open Rag chew Net 8:00 pm 146.760 neg offset no PL tone; Wilderness Trail Emer Net, 8:30 pm, freq. 146.71 PL 100;
- Thu 24 Jessamine Cty ARES Net, 7:30 PM, 145.490 Repeater, Gary Britten W4GNB net control. PL 100; Six Shooters Net, 9:00 PM on 52.525 MHz FM (vertically polarized);
- Sat 26 Shack closed; Open Rag Chew Net 9 am 146.760 neg offset and no PL tone; **License Exam Session 10:00 am (ARRL VEC) Sponsored by Wilderness Road Amateur Radio Club, Pre-registration Required, Further information, contact Harold Miller/AF6MB 541-602-6535, American Legion Post 46, Danville KY 40422**
- Sun 27 Amateur Television & Specialized Communications Net, 9:00 PM (146.760 Repeater); District 11 Skywarn Net, 8:00 PM, 146.92 (PL-79.7 Hz) linked to 147.180 (PL-74.4 Hz)\
- Mon 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. KY-QRP Net suspended; Fayette County ARES Net at 8:30 PM on the 146.940 repeater and PL Tone of 88.5
- Wed 30 Open Rag chew Net 8:00 pm 146.760 neg offset no PL tone; Wilderness Trail Emer Net, 8:30 pm, freq. 146.715, PL 100; Six Shooters Net, 9:00 PM on 52.525 MHz FM (vertically polarized);