



ARRL Standard



Pray for our Troops



God Bless America!

QUA/HAM news

JANUARY 2021

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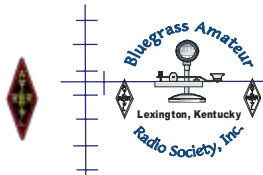
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P.O. Box 13206, Lexington, Kentucky 40583-3206
Club Station K4KJQ
MARS Station AAV4CAB



Glenn E. Welman/KF4NB
Memorial BBS

145.010 and 145.090

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

K4KJQ
146.160/.760

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

WA4HBM
147.765/.165

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

QUICKY NOTES

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

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

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

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

January General Membership meeting has been cancelled.



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

JANUARY 2021

Meeting Notice

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

The general meeting of the Bluegrass Amateur Radio Society, Inc., scheduled for January 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 - Sandy Gragg

Remember the Fayette County ARES net every Tuesday at 8:30 pm on the 146.94 repeater. We are looking for more folks that would help share in the net control. If you would like to Help, contact Sandy KM4PJU, at 859-699-9934

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

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.

**NEW MEMBERS
Dale Shafer, KA9AGQ**

Bluegrass Amateur Radio Society, Inc. new officers for 2021

President: Brad James

First Vice President: Robert Brown

Second Vice President: David Richardson

Secretary: Chris Gay

Treasurer: Jodie Wells

Directors- at - Large: Tim Kunkle

Bart Breeding

Lexington, Kentucky



Proposed new Logo

I have questions...
Bored?
Ready for some radio adventure?



Needing something to look forward to?
Needing a project to build?
Do you have an Emergency Communications plan?
Have you ever set-up your station in a remote location in less-than-ideal weather?

Winter Field Day 2021 Jan 30-31
Kentucky Horsepark Campground



Time to get your Go-Kit ready, tweaked and deployed.
Need help tuning your portable antenna? Let's do it.
Unpack and wash your Long John's and wool socks, check for holes.
Start collecting firewood, get a comfortable chair.
It's always an adventure and a ton of fun.
Let's do this...(following CDC guidelines of course).

David W9KHz

BUY, SWAP, OR TRADE

Swap Meet on this KYARSM listserver. 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 listserver, make it work ;^)

73 Bill N4LG

"I don't make jokes. I just watch the government and report the facts."

Will Rogers

Bluegrass Amateur Radio Society (BARS)
Open General Meeting Report of December 7, 2020
Red Cross Building, Lexington, Ky.

The December, 2020, 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.

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

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

"Everything is funny, as long as it's
happening to somebody else."

Will Rogers

Bluegrass Amateur Radio Society (BARS)
Open General Meeting Report of December 21 , 2020
Red Cross Building, Lexington, Ky.

Dec. 21, 2020 board meeting

The meeting was called to order at 6:57 PM. Present were:

Board members (at the start of the meeting):

Brad James WA4HBM president (RBJ)
Robert Brown KI4JWK first vice president (RB)
David Richardson W9KHZ second vice president (DR)
Bruce Campbell KM4EHU secretary (BC)
Chris Gay KU4A director at large (CG)
Tim Kunkel KF4MPM director at large (TK)

Others present:

Bart Breeding KB4FEE (BB)
Harvey Frye AA4HF (HF)
Barry Jackson WB4N (BJ)

Board members not present:

Jodie Wells WB4LKQ (JW)

Chris Gay moved, seconded by Robert Brown that the meeting be adjourned no later than 9:00 PM.
Approved by board.

The treasurer's report was presented and accepted by the board.

Brad James reported that the club had been issued four debit cards. Three are in his possession and one is in Jodie Well's possession.

The board discussed the recent passing of member Sandy Gragg, KM4PJU. Bart Breeding reported that Sandy died due to complications related to COVID-19. He was buried Friday after a private service. Odis Carroll, W4IOD, will be doing a "last call" on the ARES Net Tuesday, December 22.

Robert Brown moved, seconded by David Richardson, that the club donate \$50 to the charity preferred by the family. Approved by board. Brad James agreed to find out the information.

David Richardson reported that the operator of the Bingo hall plans to move, and so likely that location will not be available to us for the 2021 hamfest. He encouraged board members to think of ideas of other places we could hold the hamfest.

David Richardson reported that the club will be operating Winter Field Day January 30-31 at the Horse Park.

Brad JamesJ expressed the opinion that maintenance of the roster-of-members is the responsibility

(continued on page 7)

(continued from page 6, December's Directors meeting)

responsibility of the treasurer. He also thought a copy of the current roster should be distributed to board members monthly. DR moved, seconded by RB that the board agree with this policy. Approved by board.

David Richardson talked about the new patch he designed for the club. Chris Gay moved, seconded by Tim Kunkel, that the board approve the design of the new patch, and inform the membership. Approved by board.

Harvey Frye and Barry Jackson counted the votes in the 2020 election. The results were announced. Robert Brown moved, seconded by Tim Kunkel, that the results of the election be accepted.

Vote totals:

President

Brad James WA4HBM 54

First vice president

Robert Brown KI4JWK 54

Second vice president

David Richardson W9KHZ 52

Bill Fuqua WA4LAV 2

Secretary

Chris Gay KU4A 56

Treasurer

Jodie Wells WB4LKQ 54

Director at large

Bart Breeding KB4FEE 50

Tim Kunkel KF4MPM 29

Sandy Gragg KM4PJU (SK) 23

Bobby Rolph KB4QNR 4

Darryl Bennett KD4CSW 4

James Schlessor WA9MED 1

Upon completion of the election, the new board of directors is:

President: Brad James WA4HBM

First vice president: Robert Brown KI4JWK

Second vice president: David Richardson W9KHZ.

Secretary: Chris Gay KU4A

Treasurer: Jodie Wells WB4LKQ

Directors-at-large: Bart Breeding KB4FEE, Tim Kunkel KF4MPM

Chris Gay moved, seconded by Bart Breeding, that the Voice-over-IP (VoIP) phones donated to the club be given to members that wish to have one. Approved by board.

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(continued from page 7, December's Directors meeting)

Robert Brown moved, seconded by Bart Breeding, that the club move its post office box from the Gardenside post office to the Nandino Boulevard post office. Jodie Wells donated the cost of the first half-year of the new post office box, so there will be no additional cost to the club. Once Box 4411 expires, first class mail will be forwarded to the new box for one year.

The board confirmed that the financial audit is to be conducted during the first quarter of 2021.

With the new board in place, the board determined the makeup of the three standing committees:

Audit committee: Chris Gay as chair, Robert Brown and Tim Kunkel as members

Financial committee: Jodie Wells as chair, David Richardson and Bart Breeding as members

Executive committee: rad James as chair, Jodie Wells and Bart Breeding as members

David Richardson reported that he will be meeting with a locksmith to determine the cost to change the lock on the exterior door to the club shack. With the existing lock, it has been difficult to get working keys made.

On the subject of goals and priorities for 2021, the board indicated a desire to do more outreach to new members to help them set up amateur radio equipment/antennas, and to understand the benefit of membership in the club. Brad James will become the chairman of a new ad-hoc committee called the "Outreach Committee".

The board expressed an interest in having a Skywarn program in March, even if we are still having to meet on Zoom rather than in-person meetings.

Robert Brown moved, seconded by Tim Kunkel, that the meeting be adjourned. Approved by board.

The meeting was adjourned at 8:45 PM.

HAPPY NEW YEAR

"Good judgment comes from experience, and a lot of that comes from bad judgment."

Will Rogers

Chuck Yeager Remembered: Crazy Stories From A Supersonic Life

Sebastien RoblinContributor

Aerospace & Defense

I cover international security, conflict, history and aviation.

The retired U.S. Air Force brigadier general is perhaps best remembered as the first man to have broken the sound barrier, a feat that he accomplished piloting a bright orange Bell X-1 rocket plane on October 14, 1947.

His portrayal by actor Sam Shepard in the 1983 film *The Right Stuff*, based on the novel by the same name by Tom Wolfe, cemented his status as a pop culture legend. (Yeager himself had a cameo as a bartender in the film—appropriate as he was by his own account a hard partier.) However, Yeager's adventures—and misadventures—went far beyond those deservedly famous episodes.

Yeager could have starred in his own "Behind Enemy Lines" film

Born in 1923, Yeager grew up in rural West Virginia. Enlisting in the U.S. Army Air Force two months prior to the Japanese attack on Pearl Harbor, he moved up from mechanic to flight training partially on account of his unusually good 20/10 eyesight.

Overcoming an initial bout of air sickness, Yeager soon demonstrated natural aptitude for flying. He started his fighter pilot career in the sleek P-39 Airacobra, one of which tried to kill him in November 1943 when its rear-mounted engine combusted. Yeager bailed out, but injured his back.

He finally saw combat early in 1944 flying a P-51 Mustang with the 363rd Fighter Squadron based in Leiston, England. The Mustang was exceptionally fast and maneuverable, and, when equipped with extra fuel tanks, it had the range to accompany strategic bombers all the way to Germany.

Yeager named his P-51B "Glamorous Glen" after fiancée Glennis Faye Dickhouse, a California girl. But on his seventh combat mission, and a day after Yeager shot down his first enemy fighter over Berlin, cannon fire from a German Fw-190 fighter severed Glen's elevator cables over Bordeaux, France.

Yeager parachuted into a pine forest to evade capture, managed to contact French Resistance fighters, and basically joined their ranks in a support role for several weeks, helping them make bombs to blow up bridges. Once the weather had improved, he finally embarked with a bailed-out bomber navigator on a lengthy trek across the Pyrenees mountains towards neutral Spain.

At one point he escaped a German patrol by sliding down a mountain on an improvised log slide. Then he carried the injured navigator up a mountain and performed field-surgery with a pen-knife, amputating a leg. Though Yeager later had to leave his comrade near a road, he was rescued and survived the war. Meanwhile, Yeager surrendered to Spanish authorities. After a stint "imprisoned" in a luxurious hotel, was repatriated back to England. You can see Yeager's official reports on his escape [here](#).

Yeager actually named at least four different airplanes after his wartime sweetheart

Normally escaped pilots weren't allowed to return to combat duty. Undeterred, Yeager successfully petitioned General Eisenhower in person to return to combat duty—dodging a Nazi V-1 cruise missile strike just before the meeting—and promptly named his new P-51C fighter Glamorous Glen II.

But Glen II was soon replaced by an improved P-51D named Glamorous Glen III. This featured a bubble canopy for better visibility, and beefed up armament from four to six .50 caliber machineguns. We'll return to Glen III in a moment.

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(continued from page 9, Chuck Yeager)

After flying his last combat mission in January 1945, Yeager married Glennis in February. Then he went on to name the supersonic X-1 rocket plane after her as well, this time using her full name (“Glamorous Glennis”). The couple had four children and remained together until her death from cancer in 1990. In 1997 and 2002, Yeager also flew at supersonic speeds in F-15 Eagles named Glamorous Glennis in tribute to his X-1, although whether those count as his airplanes is debatable.

He became an ace in a day—and downed two German fighters without even shooting

Technically, a fighter “ace” refers to a pilot who has shot down at least five enemy aircraft in aerial combat. Only a minority of wartime pilots shoot down even one enemy airplane, let alone become an ace. But Yeager belonged to an even more exclusive club—he’s one of a few combat pilots to have become an ace in a single combat mission.

On October 12, 1944, he was flying Glen III as a free-ranging escort for a bomber squadron attacking Bremen when he spotted 22 German Me-109 fighters at a distance. Obscured by the glare of the sun, Yeager maneuvered his squadron into a chase position behind the unsuspecting German fighters. Yeager’s squadron had closed within 1,000 yards when the German pilots realized their predicament—and freaked out. One of the startled German rolled over and collided with his wingman, forcing both pilots to parachute out before anyone had even opened fire!

The West Virginian then continued his tear as described in his combat report:

I dropped my tanks and then closed up to the last Jerry and opened fire from 600 yards, using the K-14 sight. I observed strikes all over the ship, particularly heavy in the cockpit. He skidded off to the left. I was closing up on another Me. 109 so I did not follow him down. Lt. STERN, flying in Blue Flight reports this E/A on fire as it passed him and went into a spin.

I closed up on the next Me. 109 to 100 yards, skidded to the right and took a deflection shot of about 10°. I gave about a 2 second burst and the whole fuselage split open and blew up after we passed. Another Me. 109 to the right had cut his throttle and was trying to get behind. I broke to the right and quickly rolled to the left on his tail...I got a lead from around 300 yards and gave him a short burst. There were hits on wings and tail section He snapped to the right 3 times and bailed out at around 18,000 feet...

Yeager attributed his success to a newly installed K-14 gyro-computing gunsight, which adjusted for the lead on a target based on an estimated range dialed in by the pilot. He concluded:

I claim Five Me. 109s destroyed. Ammunition Expended: 587 rounds .50 cal MG.

That was less than third of the typical ammunition loadout on a P-51D.

Yeager nearly repeated his ace-in-a-day feat in a November air battle in which he downed four more formidable Fw-190 fighters. His final kill was scored against a superior Me-262 jet fighter. After narrowly dodging its powerful cannons, he swooped down on the much faster jet as it was attempting to land.

He had complicated feelings about his World War II service.

Over the course of 61 combat missions Yeager was credited with 12.5 air-to-air kills. But Yeager later wrote that he wasn’t proud of all aspects of his combat career, citing how his squadron was assigned to strafe “anything that moved” over a 50x50 mile sector in Germany to “demoralize the population.”

(continued on page 11)

(continued from page 10, Chuck Yeager)

He wrote in his autobiography: "In war, the military will seldom hesitate to hit civilians if they are in the way, or to target them purposely for various strategic reasons... I'm certainly not proud of that particular strafing mission against civilians. But it is there, on the record and in my memory."

Yeager broke the sound barrier with broken ribs

Two days before his scheduled supersonic flight in 1947, Yeager was riding a horse with his wife at night when he was tossed off and broke two ribs. Fearing his record-breaking flight would be canceled, he had a civilian doctor tape the ribs and did not inform his superiors. Still in pain on the day of his flight, his injury forced him to rely on a jury-rigged broom handle to seal the cockpit canopy.

Yeager wasn't just a fighter pilot—he flew jet bombers over Vietnam

Between 1966 and 1968, Yeager commanded the 405th Fighter Wing, composed of five squadrons based in Taiwan, Thailand, The Philippines and Vietnam. These flew a diverse mix of aircraft. During that period, he went out of his way to log additional hours of combat flying time by joining the crews of B-57 Canberra jet bombers based in Phan Rang, Vietnam. The B-57s flew light attack missions targeting Viet Cong forces in South Vietnam.

Yeager later commanded the 4th Tactical Fighter Wing—an F-4 Phantom jet fighter unit—that was deployed to South Korea during the USS Pueblo crisis. He frequently flew down to Vietnam in his Phantom to visit his son, then serving in the U.S. Army.

He claimed a head-of-state ordered a hit on his personal airplane

Yeager could be a difficult personality at times—unsparing in his criticism and litigious later in life. And then there was the time he was convinced Indira Gandhi personally had it in for his personal light plane. In the early 1970s President Nixon sought to deepen U.S. assistance to Pakistan as part of his secret campaign to create a diplomatic connection with China. At the request of the U.S. ambassador, Yeager was dispatched to Pakistan to advise its Air Force between 1971 and 1973—and promptly found himself in yet another shooting war.

On December 3, 1971, Pakistani jets launched a preemptive strike on Indian airbases due to an escalating conflict over the status of then-East Pakistan (modern Bangladesh). The Indian Air Force launched counter-strikes, including one targeting an airport near Islamabad on December 5.

A Hawker Hunter jet from IAF No. 20 squadron blew up Yeager's Beech Queen Air twin-engine light plane on the tarmac. In a fiery meeting with his colleagues at the embassy, Yeager blamed Gandhi for the attack. He later wrote in his autobiography the attack was "...the Indian way of giving Uncle Sam the finger." In fact, the Pakistani Air Force had evacuated its fighters from Islamabad airport prior to launching its attack—meaning that Yeager's Beech Queen and a U.N. transport plane were likely the only targets the IAF pilot could find to attack.

He was a technical consultant on an acclaimed air combat video game.

In the 1980s most air combat videogames (*ahem* air combat simulators), like the excellent Their Finest Hour by Lucas Arts, used two-dimensional images for graphics.

Yeager, however, served as a technical consultant with future videogame behemoth Electronic Arts EA +0.2% to produce Chuck Yeager's Air Combat covering air battles in World War II, Korea and Vietnam. And the action all played out in chunky, un-textured but oh-so-three-dimensional polygons. What really made Air Combat so great was its emphasis on leveraging the characteristics of the various planes. A digitized Yeager would explain the historical context of various battles, which tactics to use against various aircraft matchups, and even shout advice mid-mission and chew you out if you failed.

(continued on page 12)

(continued from page 11, Chuck Yeager)

This was a dream come true for the 9-year-old author.
author.

You can actually play the game for free in your browser to appreciate the state-of-the-art graphics, circa 1991.

He kept on flying supersonic aircraft at an age most people are comfortably installed in a retirement home.

On October 14, 2012, the 65th anniversary of his famous supersonic flight, Yeager flew to supersonic speeds a final time in the backseat of an F-15D fighter over the Mojave Desert. He was 89 years old at the time.

<https://www.forbes.com/sites/sebastienroblin/2020/12/08/chuck-yeager-remembered-crazy-stories-from-a-supersonic-life/?sh=d073a204402e>

Bluegrass Amateur Radio Society (BARS) Directors' Meeting Minutes of November 16, 2020 Red Cross Building, Lexington, Ky.

The November , 2020, Directors' Meeting was called to order at 7:00pm by President Brad James, WA4HBM, in the meeting hall of Arlington Christian Church on North Limestone Street instead of the Red Cross Building which is currently unavailable due to COVID-19 health concerns.

In attendance were:

1st Vice President - Bob Brown, KI4JWK;

2nd Vice President - David Richardson, W9KHZ; Secretary - Bruce Campbell, KM4EHU; Treasurer - Jodie Wells, WB4LKQ;

Director-at- Large - 1. Tim Kunkel, KF4MPM;

2. Chris Gay, KU4A; which constituted a quorum.

Harvey Frye, AA4HF, Barry Jackson, WB4N, and Bart Breeding, KB4FEE, was also in attendance.

President Brad James, WA4HBM, announced that the meeting shall close around 9:00pm to accommodate the Arlington Christian Church.



(continued on page 13)

(continued from page 12, November Directors meeting)

Treasurer's Report.

New Membership Applications*.

- 1) David Makaveli, KY4GPD. David Richardson, W9KHZ moved, and Bob Brown, KI4JKW, seconded for acceptance which was approved without objections.
- 2) Leslie (Dale) Shafer, KA4AGQ. Bob Brown, KI4JJKW, moved, . and Tim Kunkel, KF4MPM, seconded for acceptance which was approved without objections.

*Note: Both memberships will be effective immediately in lieu of a second reading at a subsequent Open General Membership Meeting which are currently postponed due to gathering restrictions associated with COVID-19 virus health precautions.

Financial Report.

- 1) An abbreviated Treasurer's Report was read indicating the current balances in BARS owned accounts as of close of business on November 16th and accepted by general consent.
- 2) A bill for three-hundred thirty-nine dollars and ninety-four cents (\$339.94) for the Club's liability insurance premium was presented. Chris Gay, KU4A, moved, and Tim Kunkel, KF4MPM seconded for approval which was accepted without objections.
- 3) A bill for seventy-four dollars (\$74.00) for the Club's post office box at the Garden side Post Office presented. David Richardson, W9KHZ, moved, and Tim Kunkel, KF4MPM seconded for approval which was accepted without objections.
- 3) The first bill for the Club's internet service was received for one-hundred sixty-nine dollars and forty-three cents (\$169.43) (\$104.44 initial setup, \$64.99 one month's service). Jodie Wells, WB4LKQ, moved, and Bob Brown, KI4JKW, seconded for approval which was accepted without objections.

Treasurer Jodie Wells, WB4LKQ, moved, and David Richardson, W9KHZ, seconded that an auto-pay process be established for the Club's recurring monthly internet service charge to be automatically debited from the Club's bank checking account. The motion was accepted by a vote of six(6)-FOR, and one(1)-AGAINST.

- 4) An Expense Reimbursement Request for the amount of fifty-three dollars and thirty-five cents (\$55.35) was submitted by Secretary Bruce Campbell, KM4EHU, for supplies and postage associated with the upcoming year-end officers' election. David Richardson, W9KHZ, moved, and Tim Kunkel, KF4MPM seconded for approval which was accepted without objections.

Officer's Reports, Committee Reports and Club Activities.

- 3) Secretary Bruce Campbell, KM4EHU, reported that ninety-eight(98) ballots will be mailed to eighty-eight(88) addresses on November 17th for the year-end officers' election.
- 4) Second Vice President David Richardson, W9KHZ, reported that:
 - The new rotor and controller are on back order.
 - Planned antenna maintenance activities will be postponed until favorable weather in the Spring of 2021.
 - Winter Field Day is scheduled for January 30-31, 2021.
- 5) Director-at-Large Chris- Gay, KU4A,- presented a member's inquiry concerning the Club's expenditure budgeting process. A budgeting process will be formulated in the future and contained in the Club's "Standard Operating Procedures".

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.

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 - Sandy Gragg

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

We are looking for more folks that would help share in the net control. If you would like to Help, contact Sandy KM4PJU, at 859-699-9934

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.

(continued from page 13, November Directors meeting)

- 6) Harvey Frye, AA4HF, and Barry Jackson, WB4N, reported no MARS activities for the month of November due to limited access to the Red Cross building.
- 7) Bart Breeding, KB4FEE, reported that Sandy Gragg, KM4PJU, is currently in the hospital.

Old Business

- 1) The new bookkeeping software system has not yet established on the new Treasurer's computer.
- 2) The format of the Treasurer's Reports has not yet been determined.
- 3) A direct Internet access connection has been established in the BARS room for the past three(3) weeks.
- 4) James Schlessler, WA9MED, is reviewing the surplus donated equipment in preparation for its sale.
- 5) David Richardson, W9KHZ, moved, and Chris Gay, KU4A, seconded the recommendation of Treasurer Jodie Wells, WB4LKQ, to reduce both the Club's PayPal account and the Club's Central Bank PayPal account to balances of one-thousand dollars (\$1,000.00) each by moving amounts from each of those accounts to the Club's Central Bank Savings Account, plus also moving seventeen-thousand dollars (\$17,000.00) from the Club's Central Bank Checking Account to the Club's Central Bank Savings Account which will be used to establish a "Reserve Amount" in the future. The motion was adopted without objections
- 7) Jodie Wells, WB4LKQ, moved and Chris Gay, KU4A, moved that the Club donate two-hundred and fifty dollars (\$250.00) to the Arlington Christian Church for consideration of the use of its meeting hall in August, September, October, November, and upcoming December in order to conduct the Club's Directors' Meetings while the Red Cross Building was unavailable due to the gathering restrictions associated with COVID-19 virus health precautions, with the understanding that the Arlington Christian Church may not use the donation directly for any of its religious activities. The motion was passed by a vote of six(6) FOR, and one(1)-ABSTAIN.
- 8) Procedures for the purchase of new equipment will be postponed until a future time.
- 9) The use of the new Treasurer's computer will be limited to the duties of the Club's Treasurer only.

New Business

- 6) Barry Jackson, WB4N, and Harvey Frye, M4HF, have agreed to be the ballot tellers for the 2021 Officers' Election at the Directors' Meeting which is currently scheduled on December 21st at the Arlington Christian Church.
- 7) Chris gay, KU4A, moved, and David Richardson, W9KHZ, seconded the suggestion of Jodie Wells, WB4LKQ, to allocate up to three hundred dollars (\$300.00) for the purchase of a lockable filing cabinet in the BARS room for the Treasurer's records. The motion was approved without objections.
- 8) Jodie Wells, WB4LKQ, moved, and Chris Gay, KU4A, seconded that an amount of two-hundred dollars (\$200.00) per month be allowed for "routine" BARS expenses without pre-approval and documented with a "BARS Expense Reimbursement Request" form. The motion was accepted by a vote of six(6)-FOR, and one(1)-ABSTAIN;
- 9) Jodie Wells, WB4LKQ, moved, and David Richardson, W9KHZ, seconded that the Club establish a reloadable debit card account attached to the Club's Central Bank checking account with a limit of two-hundred dollars (\$200.00), and the cards under the control of the two BARS officers with financial responsibilities. The motion was approved with a vote of six(6) FOR, and one(1) ABSTAIN.
- 10) Suggestions for the design of a new BARS patch will be solicited from the membership and selected by vote in the future.

(continued on page 17)

(continued from page 16, November Directors meeting)

Discussion Items:

9) Tim Kunkel, KM4MPM, suggested that a method for BARS membership cards to be delivered by e-mail be studied, and that the members might receive a postage rebate from the Club for the expense of mailing in membership applications and dues payments.

10) Chris Gay, KU4A, will be coordinating the BARS program presentations, and will be studying the possibility of establishing a "Ham Shack Hotline,,,"

Upcoming BARS Schedule:

BARS meetings and activities will be scheduled on a case-by-case basis due to the health precautions associated with the current COVID-19 pandemic situation.

Tentative Schedule (details to be communicated in the future) December 21st - Directors' Meeting.
Election of 2021 Officers.

With no other business at 8:57pm, David Richardson, W9KHZ, moved, and Bob Brown, KI4JWK, seconded that the meeting be adjourned which was approved without objection.

Re9orded and submitted by: Bruce Campbell, KM4EHU
Secretary

The International Space Station now has an accessible FM Repeater

Station now has an FM repeater in operation. Pretty much any amateur radio operator can use this repeater with a capable dual band radio and (ideally) a directional antenna.

Here's the information about the new system from an ARISS news release:

First Element of ARISS Next Generation (Next-Gen)
Radio System Installed in ISS Columbus Module

September 2, 2020—The ARISS team is pleased to announce that set up and installation of the first element of our next generation radio system was completed and amateur radio operations with it are now underway. This first element, dubbed the InterOperable Radio System (IORS), was installed in the International Space Station Columbus module. The IORS replaces the Ericsson radio system and packet module that were originally certified for spaceflight on July 26, 2000.

Initial operation of the new radio system is in FM cross band repeater mode using an uplink frequency of 145.99 MHz with an access tone of 67 Hz and a downlink frequency of 437.800 MHz. System activation was first observed at 01:02 UTC on September 2. Special operations will continue to be announced.

The IORS was launched from Kennedy Space Center on March 6, 2020 on board the SpaceX CRS-20 resupply mission. It consists of a special, space-modified JVC Kenwood D710GA transceiver, an ARISS developed multi-voltage power supply and interconnecting cables. The design, development, fabrication, testing, and launch of the first IORS was an incredible five-year engineering achievement accomplished by the ARISS hardware volunteer team. It will enable new, exciting capabilities for ham radio operators, students, and the general public. Capabilities include a higher power radio, voice repeater, digital packet radio (APRS) capabilities and a Kenwood VC-H1 slow scan television (SSTV) system.

(continue on page 18)

(continued from page 17, Space Station)

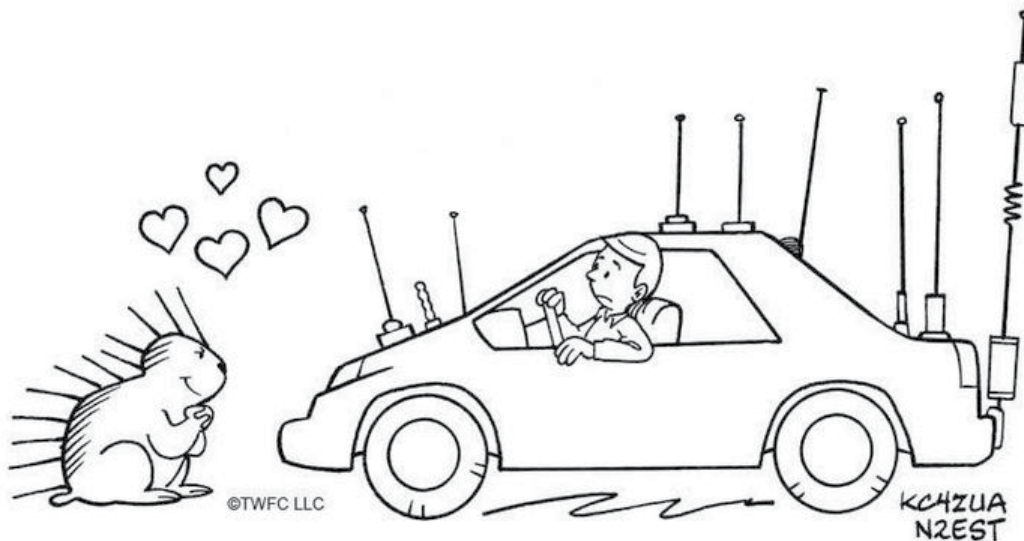
A second IORS undergoes flight certification and will be launched later for installation in the Russian Service module. This second system enables dual, simultaneous operations, (e.g. voice repeater and APRS packet), providing diverse opportunities for radio amateurs. It also provides on-orbit redundancy to ensure continuous operations in the event of an IORS component failure.

Next-gen development efforts continue. For the IORS, parts are being procured and a total of ten systems are being fabricated to support flight, additional flight spares, ground testing and astronaut training. Follow-on next generation radio system elements include an L-band repeater uplink capability, currently in development, and a flight Raspberry-Pi, dubbed "ARISS-Pi," that is just beginning the design phase. The ARISS-Pi promises operations autonomy and enhanced SSTV operations.

ARISS is run almost entirely by volunteers, and with the help of generous contributions from ARISS sponsors and individuals. Donations to the ARISS program for next generation hardware developments, operations, education, and administration are welcome — please go to <https://www.ariss.org/donate.html> to contribute to these efforts.

ARISS—Celebrating 20 years of continuous amateur radio operations on the ISS!

<https://swling.com/blog/2020/09/the-international-space-station-now-has-an-accessible-fm-repeater/>



Schedule for Volunteer Examinations in 2021

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

The exam schedule for 2020 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 **Harold Miller/AF6MB**, 541-602-6535
, 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, January 9,, 2021 10:00 am (W5YI VEC) Further information, contact Darrell Epperson/AC4YD 859-771-1834		Clark County EOC 200 Maryland Ave Winchester, KY
Pre-Registration Required by emailing or calling the Contact Person shown		
Saturday, January 23, 2021 10:00 am (ARRL VEC) Further information, contact Harold Miller/AF6MB 541-602-6535		American Legion Post 46 45 Spears Lane Danville, KY
Tuesday, January 26, 2021 @ 6:00 pm (Laurel VEC) Further information - contact Brian Carter/KI4TLW 502-545-0376		Anderson County Health Dept 1180 Glensboro Rd Lawrenceburg, KY 40342

Contest Corral

January 2021

Check for updates and a downloadable PDF version online at 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 Date-Time	Finish Date-Time	Bands	Contest Name	Mode	Exchange	Sponsor's Website
1 0000	1 0100	3.5	AGB New Year Snowball Contest	CW Ph Dig	RST, serial, mbr (if any)	qsl.net/eu1eu/agnb_nysb.htm
1 0800	1 1100	3.5, 7	SARTG New Year RTTY Contest	Dig	RST, serial, name, happy new year in native language	sartg.com/contest/nyrules.htm
1 1500	1 1800	3.5-28	QRP ARCI New Years Sprint	CW	RST, SPC, mbr or power	qrparci.org
2 0000	2 2359	3.5-28	PODXS 070 Club PSKFest	Dig	RST, SPC	www.podxs070.com
2 1200	3 1200	1.8-28	WW PMC Contest	CW Ph	RS(T), PMC abbreviation or CQ zone	www.s59dcd.si/index.php/sl
2 1500	3 1500	3.5-14	Original QRP Contest	CW	RST, serial, power category	qrcc.de/contestrules/oqrpr.html
2 1800	2 2359	3.5-14, 18, 21, 24, 28, 2 repeaters	ARRL Kids Day	Ph	Name, age, QTH, favorite color	www.arrl.org/kids-day
2 1800	3 2359	3.5-28	ARRL RTTY Roundup	Dig	W/V/E: RST, state/province. Non-W/V/E: RST, serial	www.arrl.org/rtty-roundup
2 2000	3 0700	1.8	EUCW 160-Meter Contest	CW	RST, name, EUCW club info or "NM"	www.eucw.org/eu160.html
4 0000	4 0100	3.5-14	K1USN Slow Speed Test	CW	Name, SPC, 20 WPM max.	k1usn.com/sst.html
5 0200	5 0400	3.5-28	ARS Spartan Sprint	CW	RST, SPC, power	arsgrp.blogspot.com
6 1300	6 1400	1.8-28	CWops Mini-CWT Test	CW	Name, mbr or SPC	cwops.org/cwops-tests
6 1700	6 2000	144	VHF-UHF FT8 Activity Contest	Dig	4-character grid square	ft8activity.eu/index.php/en
6 1900	6 2000	1.8-28	CWops Mini-CWT Test	CW	Name, mbr or SPC	cwops.org/cwops-tests
6 2000	6 2100	3.5	UKEICC 80-Meter Contest	Ph	6-char grid square	www.ukeicc.com
6 2300	10 2300	1.8-7	AWA Linc Cundall Memorial CW Contest	CW	RST, eqpt year, input power	antiquewireless.org
7 0300	7 0400	1.8-28	CWops Mini-CWT Test	CW	Name, mbr or SPC	cwops.org/cwops-tests
7 1800	7 2200	28	NRAU 10-Meter Activity Contest	CW Ph Dig	RS(T), 6-char grid square	nrricontest.no
7 2000	7 2200	1.8-50	SKCC Sprint Europe	CW	RST, SPC, name, mbr or power	www.skccgroup.com
9 0000	9 2359	3.5-28	YB DX Contest	Ph	RS, serial	ybdxcontest.com
9 0500	9 0900	3.5-28	Old New Year Contest	CW Ph	RST, sum of operator age and years on the air	radio.ru/cq/contest/rule-results
9 1200	10 1200	3.5-28	UBA PSK63 Prefix Contest	Dig	RSQ, UBA section or serial	uba.be/en/hf/contest-rules
9 1200	10 2359	1.8-50	SKCC Weekend Sprintathon	CW	RST, SPC, name, mbr or "none"	www.skccgroup.com
9 1800	10 0559	1.8-28	North American QSO Party, CW	CW	Name, state/DC/province/country	www.ncjweb.com
10 0630	10 0830	3.5,7	NRAU-Baltic Contest, SSB	Ph	RST, serial, 2-letter Fylke/Lan/Province/Region	www.nraubaltic.eu
10 0900	10 1059	28	DARC 10-Meter Contest	CW Ph	RS(T), serial, DOK (if DOK)	www.darc.de
10 0900	10 1100	3.5,7	NRAU-Baltic Contest, CW	CW	RST, serial, 2-letter Fylke/Lan/Province/Region	www.nraubaltic.eu
11 0000	11 0100	3.5-14	K1USN Slow Speed Test	CW	Name, SPC, 20 WPM max.	k1usn.com/sst.html
11 0100	11 0300	1.8-28	4 States QRP Group Second Sunday Sprint	CW Ph	RS(T), SPC, mbr or power	www.4sqrp.com
13 1700	13 2000	432	VHF-UHF FT8 Activity Contest	Dig	4-char grid square	ft8activity.eu/index.php/en
16 1200	17 1159	1.8-28	Hungarian DX Contest	CW Ph	RS(T), 2-letter HA county or serial	ha-dx.com/en/contest-rules
16 1200	17 1159	3.5-28	PRO Digi Contest	Dig	RST, serial, "M" if member	procontestclub.ro/PDC%20Rules.html
16 1800	17 0559	1.8-28	North American QSO Party, SSB	Ph	Name, state/DC/province/country	www.ncjweb.com
16 1800	17 0559	1.8-28	NA Collegiate Championship, SSB	Ph	Name, state/DC/province/country	w9smc.com/nacc
16 1900	16 2300	1.8	WAB 1.8 MHz Phone/CW	CW Ph	RS, serial, WAB square or serial	wab.internip.net
16 1900	18 0359	50 and up	ARRL January VHF Contest	CW Ph Dig	4-character grid square	www.arrl.org/january-vhf
16 2000	17 0559	1.8-7	Feld Hell Sprint	Dig	RST, mbr, SPC, grid	sites.google.com/site/feldhellclub
17 2300	18 0100	1.8-28	Run for the Bacon QRP Contest	CW	RST, SPC, mbr or power	qrcontest.com/pigrun
18 0000	18 0100	3.5-14	K1USN Slow Speed Test	CW	Name, SPC, 20 WPM max.	k1usn.com/sst.html
21 0130	21 0330	3.5-14	NAQCC CW Sprint	CW	RST, SPC, mbr or power	naqcc.info
23 1200	24 1200	3.5-28	BARTG RTTY Sprint	Dig	Serial	bartg.org.uk
23 1200	24 1200	3.5-28	UKEI DX Contest, CW	CW	RST, serial, district code (if UKEI)	www.ukeicc.com
25 0000	25 0100	3.5-14	K1USN Slow Speed Test	CW	Name, SPC, 20 WPM max.	k1usn.com/sst.html
27 0000	27 0200	1.8-28	SKCC Sprint	CW	RST, SPC, name, mbr or power	www.skccgroup.com
27 2000	27 2100	3.5	UKEICC 80-Meter Contest	CW	6-char grid square	www.ukeicc.com
28 0130	28 0330	1.8	NAQCC CW Sprint	CW	RST, SPC, mbr or power	naqcc.info
29 2200	31 2200	1.8	CQ 160-Meter Contest, CW	CW	RST, SP or CQ zone	www.cq160.com
30 0600	31 1800	3.5-28	REF Contest, CW	CW	RST, French dept/prefix or serial	conours.r-e-f.org/contest/
30 1300	31 1300	3.5-28	UBA DX Contest, SSB	Ph	RST, serial, ON province (if ON)	uba.be/en/hf/contest-rules
30 1900	31 1900	All	Winter Field Day	No FT4/B	Category, ARRL section (or "DX")	winterfieldday.com

There are a number of weekly contests not included in the table above. For more info, visit: www.qrpfoxhunt.org, www.ncccsprint.com, and 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 contact QSO is the minute listed in the "Finish Time" column. Data for Contest Corral is maintained on the WA7BNM Contest Calendar at www.contestcalendar.com and is extracted for publication in QST 2 months prior to the month of the contest. ARRL gratefully acknowledges the support of Bruce Horn, WA7BNM, in providing this service.

QST January 2021

“When you reach the end of your rope,
tie a knot in it and hang on.”

Franklin D. Roosevelt



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/.

Month	Topic	Presenter(s)	Comments
✓ January	“Winter Field Day” January 30-31,2021	David Richardson/W9KHZ	
✓ February	NOT DETERMINED		
✓ March	SkyWarn National Weather Service,		
✓ April	NOT DETERMINED		
✓ May	NOT DETERMINED		
✓ June	NOT DETERMINED		
✓ July	NOT DETERMINED		
✓ August	NOT DETERMINED		
✓ September	Annual Family Picnic		
✓ October	NOT DETERMINED		
✓ November	NOT DETERMINED		
✓ December	Election	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 John Wulf/K4FT, johnk4ft@gmail.com, 563-505-0339, Wilderness Road Amateur Radio Club, American Legion Post 46, 45 Spears Lane, Danville, KY 40422 - Repeater 145.310 (100 pl).

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

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

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

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

Amateur Television and Specialized Communications Net

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

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

Kentucky Six-Shooters Net - Wednesday evenings at 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 Community College Science Building.

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

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

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

The Madison County ARES Net, Monday at 7:00 PM, 146.865 (pl 192.8). Everyone is invited to check in. . . Wilderness Trail Emergency Net, Wednesdays, 8:30 PM, 146.715 (pl 100.0). . .Glenn/KO40L.

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

Please send any changes or corrections to these notices to my attention, Bart Breeding/KB4FEE, in care of Bluegrass ARS, Inc., PO Box 4411, Lexington, KY 40544-4411, or e-mail to KB4FEE@arrl.net

**“You only live once, but
if you do it right, once is
enough.”
Mae West**

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.

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Annual Dues (January 1 - December 31)
 Payable using Pay Pal - Go to <http://www.BluegrassARS.org>, Click on "Membership," click on the option for your preference as below:
 Regular Membership: One year - \$20.00; two years - \$38.00; three years - \$55.00 (Additional family member(s) at the same address \$1.00 each per year)
 Associate Membership - \$15.00 (for those who reside farther than 50 miles from Lexington)
 Full-Time Student Membership - \$12.00 (for those 21 and under, and no other Club member in the family)
 Shack telephone: (859) 231-0974 web page: http://www.BluegrassARS.org/

Calendar of Ham Radio Activities for January 2021

- Sat 2 Shack closed; Open Rag chew Net 9:00 am 146.760 neg offset no PL tone
- Sun 3 Amateur Television & Specialized Communications Net, 9:00 PM (146.760 Repeater); District 11 Skywarn Net, 8:00 PM, 146.925 PL-79.7 Hz) linked to 147.180 (PL-74.4 Hz) linked to 147.180 (PL-74.4) and other repeaters in the area.
- Mon 4 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 5 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 8:30 pm on the 146.940 repeater with a PL tone of 88.5
- Wed 6 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);
- Thu 7 Jessamine Cty ARES Net, 7:30 PM, 145.490 Repeater, Gary Britten W4GNB net control.
- Sat 9 Shack closed; Open Rag Chew Net 9 am 146.760 neg offset and 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 10 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 11 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 12 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 13 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 14 Jessamine Cty ARES Net, 7:30 PM, 145.490 Repeater, Gary Britten W4GNB net control
- Sat 16 Shack closed; Open Rag chew Net 8:00 pm 146.760 neg offset no PL tone
- Sun 17 Television & Specialized Communications Net, 9:00 PM (146.760 Repeater); District 11 Skywarn Net, 8:00 PM, 146.925 (PL-79.7 Hz) linked to 147.180 (PL-74.4 Hz)\
- Mon 18 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 19 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 20 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 21 Jessamine Cty ARES Net, 7:30 PM, 145.490 Repeater, Gary Britten W4GNB net control.
- Sat 23 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
- Sun 24 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 25 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 26 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; License Exam Session 6:00 pm (Laurel VEC) Further information - contact Brian Carter/KI4TLW, 502-545-0376 Anderson County Health Dept, 1180 Glensboro Rr. Lawrenceburg, KY 40342
- Wed 27 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 28 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 30 Shack closed; Open Rag chew Net 9:00 am 146.760 neg offset no PL tone
- Sun 31 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.