

Ham Chatter



Volume 57 Issue 7

An Official BARC, W4AMC, Publication

July 2023

Editor, Mark, KG4GVJ

Email: hamchatter@w4amc.com

The Month after Field Day 2023

Thank you to WNCT News for coming out and doing a Video of us as we were setting up.



BARC General meeting July 11, 6:30pm in person and ZOOM *All members, families and guests are invited to attend.*

Sheppard Memorial Library
530 Evans Street, Greenville, NC.
Access is at the parking lot.

Speaker:

John Leonardelli VE3IPS, Canada
Ve3ips@gmail.com Building Antenna's

Oct 10, 2023 Speaker:

Dale Burmester
About FT8 Digital mode.

BARC Board Meeting - July 25 2023. The meeting will be on ZOOM at 7:00 PM. All members invited. See Zoom information.

ELMERS WANTED

Need folks willing to help others get their license, learning or with help on their radio needs.

Please contact hamchatter@w4amc.com
A list will be made of those willing to help and in what area for those looking for help.

IMPORTANT UPDATE FOR PARC Meetings!!!!

Starting June 8, PARC Meetings will be on the SECOND Thursday of the month!!

This is a permanent change at the request of Zion Episcopal Church.

Speakers

October 10, 2023 Speaker Dale Burmester about FT8 Digital mode.

Dale Burmester, KA9SWE, has been a ham radio operator since 1985 and has held an Amateur Extra license for the last decade. Dale made his first digital mode HF contact using PSK31 in 2009 and continued on his HF digital mode journey using JT65 in 2010, JT9 in 2013, FT8 in 2017, and FT4 in 2019. The KA9SWE log-book contains over 28,000 entries with LOTW confirmed 5 Band Worked All States and 202 DXCC contacts. A Kenwood TS-480SAT running 25 Watts or less into a vertical multi-band antenna is responsible for the majority of those contacts. In 2015, Dale placed 1st in the CQ WW 160m DX contest "Single Operator - Low Power - WI" category. The KA9SWE shack runs Ham Radio Deluxe, WSJT-X, and JT-Alert on a Windows 11 PC. Dale is also a registered professional engineer in the state of Wisconsin and manages the Economic and Stakeholder Planning team at ATC (<https://atcllc.com>).



Hello Bike MS, New Bern Volunteers!

I am Bonita Jones, the new Volunteer Engagement Specialist. It is my pleasure to work with you at Bike MS New Bern this year!

New Bern will be on September 9-10, 2023, and [volunteer registration is OPEN](#).

I have heard nothing but fantastic information about all of you and your dedication to this event!

If you have specific questions about the 2023 event, do not hesitate to reach out to me at: Bonita.Jones@nmss.org. The main [Bike MS website is also live](#) if you want to start there.

Also, if you are receiving this message and you have moved or would like to be removed, please respond to me directly and I will make that update to our records.

Thank you all again for being such fantastic partners in the MS movement.

We appreciate you!

QST de W1AW

ARRL Bulletin 14 ARLB014

From ARRL Headquarters

Newington CT June 27, 2023

To all radio amateurs

SB QST ARL ARLB014

ARLB014 FCC ULS System Restored

The FCC Universal Licensing System (ULS) has resumed operations, including the Electronic Batch Filing system (EBF).

As of June 27, 2023, all systems have been reported to be working. However, visitors to the website will see a message referring them to Public Notice DA 23-529 for additional information and guidance on filing deadline extensions.

The systems were first reported unavailable on June 9, 2023. On Friday afternoon, June 23, the EBF system was restored. All VEC organizations use that system for filing exam sessions, individual applications, and club license applications. ARRL VEC staff worked late into Friday night to ensure all backlogged sessions and application files were transmitted to the FCC before the weekend. Approximately 350 backlogged files were successfully submitted to and processed by the FCC before the system's normal shutdown at 8 PM.

ARRL is still monitoring the ULS system, and any further updates will be available at ARRL News.



Some folks tried to be well rested for Field Day operations.

VE News

To find the next VE testing session please go to the ARRL web site: <http://www.arrl.org/find-an-amateur-radio-license-exam-session> and find one in your local area.

Practice taking the test on line with <https://www.hamradiolicenseexam.com>.
www.hamradioPrep.com
HamStudy.org

Study material at: <http://www.arrl.org/courses-training>.

The contents of this Newsletter doesn't necessarily express the opinion or views of Brightleaf Amateur Radio Club or it's members. No offence is intended.

Happy Birthday

Brightleaf Amateur Radio Club members birthdays :

07-04	K4KK	David
07-12	KG4CZW	Bonnie
07-24	WA4MOK	Bernie
07-29	W4YDY	Dave
08-01	KG4GVJ	Mark
08-19	KS4YF	Paul
08-20	KV4CN	Dave
08-21	WA4AKB	Susan
08-25	K4GOE	Al

Please let me know of any additions or corrections. If yours is missing, I

Next VE Session

Please bring to the Test the following, required:

- Photo ID (drivers license)
- Original Amateur Radio License
- Copy of Amateur Radio License
- Original CSCE's
- Copy of CSCE
- Test fee (Cash) .
- ♦ FRN number is required. *
- ♦ A valid Email address will need to be provided.

See this link for further information: <https://w4amc.com/get-your-license-ve/>

Gil Cartoons Courtesy of ARRL's 2021 Calendar(2020) and Gil, a Collection of Classic Cartoon from QST(1986-2007)

Articles in the Chatter may be from the ARRL Newsletters, ARES Newsletters and Section Managers. Others may be Material provided by others. Please respect possible copyrights.

Well Wishes

Thoughts and Prayers go out to the following:

The family of Bobbie Parsons

Please inform the Vice President and Ham Chatter of any changes or needs. This can be of death announcements, sickness or prayers requested.

don't have it! Email hamchatter@w4amc.com

Presentation Ideas Needed

Please send ideas of new presentation topics and presenters to our VP Judy W3JUU

Email: info@w4amc.com

BARC Needs YOU!

BARC needs to know where You think we should go as a Club.

Service the Community, Contesting, Teaching, Elmering, What? Give us your thoughts.

In This Issue

FIELD DAY PHOTOS	9
Presidents Corner - KN4FZB	5
Presidents Corner—NG9T	7
Greetings from High	20
Yabba and other Clubs	26
ARES/EmComm	32
Columns from the Past or new postings	
W1AW Operating	
ARRL Emails, News and Radio in the News	34
License study and exams	27
Hurricane Resources	58
Nets:	59
Ham AD's	61
BARC & PARC Calendar of Events	65

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BARC's President's Corner, Beth, KN4FZB



Field Day is a wrap and I'm counting it as a success. There's some debate about whether it's still an emergency training event, or a contest, but I think we managed to hit both categories. Honoring the spirit of the event, we operated from about 2:00 on Saturday, through the night until about noon on Sunday using emergency power. Honoring the competitive mindset of our hobby, we made quite a few contacts and managed to get some bonus points. We are still tallying the points, and will report them once they are final. In addition to the emergency exercise and contest, I see field day as an opportunity to develop a sense of community. Our awesome set up crew included several helpers who are not even members of our club. I am so grateful that they came out and contributed their time and experience. Some did not even stay to operate, just helped get us going and then went to their other obligations. We had a youngster who made his first contact. Who can resist having a soft spot for those who help the younger crowd get into the hobby? We had an area set up so that those who were not operating could sit and chat away from the stations, and it was well taken advantage of as people either rested or waited their turn. And of course, we had a few visitors, primarily from those who had been active in the hobby, and are renewing their interest. I'm so glad that this hobby draws from different backgrounds and different niches, and allows us all to come together. I send a huge THANK YOU to all who helped, whether it was with muscling an antenna tower into place, linking the logging software, staying through the night, or any of the myriad of other ways that you all pitched in. We could not do it without you, and again, thanks.

Beth
KN4FZB

**Brightleaf Amateur Radio Club
Board Meeting on Zoom 6/27/23**

Present:

Peter, N4PVH
Beth, KN4FZB
Mark, KG4GVJ
Scott, K9SPJ
Susan, WA4AKB
Dave, W4YDY

Items Discussed:

FD discussions:

- o Have a class on the software use so that the membership can learn how to use the software.
 - o Make a video of that class and place on the web page.
 - o Make another Class on how to run the radios, antennas, band pass filters during FD.
 - o Put a flip card stack at each station with band and mode being used
 - o Head sets and audio splitters to allow a quiet operating room
 - o W1VOA call change from W4AMC caused all kinds of software issues
 - o Gas for the generator is high test w Stable in it. (No gasohol as it causes rough running)
 - o Snacks for lunch helped keep the troupes running during set up.
 - o Breakfast as enjoyed by all nighters and early morning ops.
 - o Check for liability Insurance for tower climbers
 - o Explore tower options with a focus committee to see if the tower can use a tilt plate
 - o Is there a better way to set up and tear down a tower?
 - o 2 meter use at FD, need to bring your own HT's
 - o Look at verticals vs dipoles and doing test runs at other BARC meetings.
 - o Did not do the presentation. Get Dave to do a talk, me to talk about how to do software
- Consider upgrading the LiPoFe batteries and solar panels in the trailer and see if the trailer can replace a generator.

—
Beth to find the BARC projector and sign in book.

—
Treasurer report not available.

—
Expenses, upcoming: Upgrade battery & solar to trailer. Need estimate from PVH

—
Bill: FCC renewal for W4AMC. Working on renewal. FRN# 0001510130
In the future, documents should be kept in the BARC file box passed to the president when elected.

—
Judy working on August meeting speaker.
Could do a vertical antenna test vs dipole at picnic meeting.



Gary NG9T's PARC President's Corner



June 28, 2023

Hello Ham Friends,

Well, we just finished up a successful Field Day for 2023! The hams of PARC came together and had a full weekend of operating SSB, CW, and FT8 along with great food and a great time hanging out together in a new Field Day location. We operated from the Farm Life Ruritan Club in Williamston and the site worked out perfectly (well, we overcame a few problems, but that's what Field Day is for, to practice real in the field operating)

We put up two wire antennas on Friday, one was a long 80-10m off center fed dipole and the other was a 40-10m fan dipole. Both were anchored at one end by the lone oak tree in front of the building and then ran at about 45 degrees from each other to the back tree line and to my 40ft Spiderbeam mast. With the use of our in-feedline filters, we were able to work without any cross band interference. On Saturday morning, an Eagle one vertical antenna was put up for the FT8 operating position.

Things went well, as we operated as a 2A club with three operating positions and had two up most of the weekend. We operated SSB until midnight. We operated FT8 until around dinner time, then NG9T took over to run CW until after midnight. We were able to overcome some issues with bad coax, a balky vertical antenna, and some not so great band conditions. By the end of operations on Sunday afternoon, we had made over 400 QSOs!! Success!!

PARC also had some welcome visitors as Dave Price K4KDP stopped by, he was working in place of the NC Section leader Marv Hoffman. We also had a visit from the Beaufort County commissioner Hood Richardson. And on Sunday morning the Beaufort County Sheriff Scott Hammonds stopped by for breakfast. He is a strong supporter of ham radio.

Field Day is always a busy weekend that takes a lot of planning and work, and the hams of Pamlico Amateur Radio Club made it a Field Day to remember.

NEXT MEETING PARC now meets on the **SECOND THURSDAY** of every month instead of the third, and will be meeting on July 13. Location stays the same:

Zion Episcopal Church @ 7:00pm local time

7302 HWY 264 E

Washington, NC 27889

2m Net: EVERY THURSDAY Except for the night of the monthly PARC Meeting. Time and frequency stays the same:

Bath Repeater 146.955 PL131.8 at 8:00pm local time

Alternate: Washington (Chocowinity) Repeater 147.255 PL 131.8

80m Net: Every Tuesday at 7:00pm local time on 3.807mhz If the frequency is in use, look for the net in between 3.800 and 3.820

Net Control for July will be Gary Faust NG9T.

VE Exams: Next exam date is July 8, 2023. Exams are given by appointment only. Our VE Coordinator is

Tom Kottke WT4TK, assisted by Al Mullis K4GOE. You can contact Tom at tkottke@centurylink.net to schedule an exam. **Note:** the new General Exam pool questions go into effect on July 1.

Upcoming Event: One of my favorites! The 13 Colonies on the Air event starts on July 1 through July 8. NC is represented by operators using callsign K2J. There will be 13 K2# callsigns and 3 bonus stations. Go to <http://www.13colonies.us>

I hope that everyone has a great summer!! See you on the air!!

73
Gary Faust NG9T
PARC President

+++++TIDBITS of Interest +++++

Breakfast Every Wednesday at 9:00am at:
Shep's Grill
129 N. Market St
Washington, NC 27889

Gary Faust, NG9T
President, Pamlico Amateur Radio Club
gfaust1963@gmail.com
(252)531-4982

Field Day 2023 with BARC. Some Photos, more next month.







PARC Field Day



GREETINGS FROM THE HIGH COUNTRY

June 15, 2023

Although some rough weather is expected in the next several days, during the past week there have been some very nice days up here in the High Country.

Who can complain about 70-75 degrees day with blue skies?

Let's hope for that kind of great weather next weekend (June 24 and 25) for the annual Field Day activities.

FIELD DAY

Concerning Field Day, the pace of FD preparations is picking up across the state. Based upon the information shown on the ARRL Field Day locator (<https://www.arrl.org/field-day-locator>), ten days ago the entries for North Carolina showed FD activities planned at a total of 17 sites. As this is being written, 37 sites in North Carolina are now listed.

If your group plans to participate in Field Day but hasn't yet announced your activity, please go the ARRL FD webpage (listed above) and post information about where you will be operating as well as your talk-in frequency and how your group can be contacted.

Having your Field Day site listed will help visitors find your location and give interested persons and particularly youngsters an opportunity to see firsthand the capabilities of amateur radio.

ARRL affiliated clubs operating Field Day sites are encouraged to download and print several ARRL membership applications (which can be found at <https://www.arrl.org/files/file/Membership/ARRL-Membership-Application.pdf>).

If you encounter a visitor who wishes to join ARRL or renew their ARRL membership, you will have an application ready for the person to fill out. Individuals can submit their own application.

However when clubs collect completed ARRL membership applications along with ARRL member dues and submits the application and funds to the ARRL, the club will receive a commission back from ARRL (once the applications are processed at ARRL HQ).

New ARRL members recruited by a club and send is the ARRL dues will generate a commission of \$15 for the club. Renewals generate a commission of \$5 for the club. Information on the club commission program can be found at <http://www.arrl.org/affiliated-club-benefits>.

As it relates to Field Day operations, even if you do not plan to be part of a group operating from a park or other public site, be sure to get on the air next weekend and help keep the bands active and make as many contacts as you can.

Information about Field Day, including rules and how points are calculated can be found at <http://www.arrl.org/field-day#rules> .

This year I will be making Field Day visits starting in the Raleigh area and stopping by at several locations in Eastern North Carolina.

LOTS OF HAM RADIO ACTIVITIES YOU WANT TO KNOW ABOUT!

Dayton Hamvention

The organizers of the Dayton Hamvention (which was held on May 19-21) released this information which was posted at <https://hamvention.org/hamvention-2023-attendance/> :

“The 2023 Hamvention attendance was 33,861, which is more than 2,000 greater than last year and even surpassed the previous pre-pandemic attendance record at the Greene County Fairgrounds and Expo Center of 32,472. General Manager Jim Storms said, “Things went very smoothly due to the dedication and hard work of close to 700 volunteers.”

If you have never been to the Hamvention, it is a unique experience.

Manufacturers showing off new equipment, Forums, a very large flea market and an opportunity to meet up with old friends to a make a couple of new ones as well.

UPCOMING NORTH CAROLINA HAMFESTS

SALISBURY HAMFEST is to be held on July 8 (info at <https://rowanars.org/>)

CARY HAMFEST IS ON JULY 15 (info at <http://caryarc.org/>)

WCARS (WAYNESVILLE) HAMFEST IS ON JULY 29 (info at <http://wcars-club.org>)

CAPE FEAR HAMFEST (FAYETTEVILLE) IS ON AUGUST 12 (info can be found at <http://cfarsnc.org>)

SHELBY HAMFEST WILL BE HELD ON SEPT 1-3 with info posted at <http://www.shelbyhamfest.org> .

ASHEVILLE RADIO MUSEUM HAMFEST WITH FLEA MARKET (info at <https://www.avradiomuseum.org/>). This is a wonderful opportunity to look at some antique radios (some of which were manufactured in NC at Mars Hill) and for you to find a prized radio at the flea market that you can purchase and take home.

ALSO CONSIDER THIS!

NC Section Statewide Parks on the Air Event – The goal is to have each of the NC State Parks and state historic sites (101 in number) activated over the weekend of September 9-10.

Information can be found at <https://ncpota.org/>

Kudos go out to Zach Thompson (KM4BLG) for coordinating this large special event.

This is a wonderful opportunity to operate from a state park or historic site and to enjoy North Carolina's spectacular Fall scenery. I hope you will choose to participate.

ARRL MATTERS

Two members of the US House of Representatives during this past week introduced legislation that, if passed, would remove private land use restrictions (sometimes called deed restrictions) that are enforced by a neighborhood property owners association.

Antenna restrictions imposed by a POA is a topic that ARRL has been working on for a decade so there is no assurance that the proposed legislation will pass in this session of the Congress. Information can be found at <http://arrl.org/news/legislation-to-remove-private-land-use-restrictions-on-amateur-radio-introduced-in-congress>

ARRL MEMBER SURVEY ON REVENUE OPTIONS WILL SOON BE RELEASED

The results have been compiled and are expected to be shared with the membership soon. The ARRL Board of Directors will next meet in Connecticut in July and the Board is expected to act on a number of proposals affecting the finances of the ARRL.

TRAFFIC NETS

W4DNA - NC Section Net Report - MAY 2023

NET	NMGR	QNI	LISTED	PASSED	TIME	SESSIONS	TFC %
SECTION NETS							
CN	AA4MP	299	126	115	527	62	91.27%
CSN	KI4KZS	117	24	24	599	31	100.00%
NCEN	WK4WC	348	99	95	410	31	95.96%
NCMN	W3OJO	329	153	146	539	31	95.42%
THEN	K4SEH	290	1	0	440	23	0.00%
LOCAL NETS							
CWTN	N4CNX	373	101	101	590	31	100.00%
ENCTN	W4DNA	110	9	9	227	30	100.00%
PCTN	W4TTO	253	56	56	257	31	100.00%
TOTAL		2119	569	546	3589	270	95.96%

ARRL JOINS SAFECOM AND SIGNS MOA WITH FEMA

In the past month, ARRL announced that it has joined SAFECOM which is a multi-jurisdictional EmComm group whose members have, over the past decade, developed the interoperability training and operating standards that public safety agencies use and are consistent with the National Incident Management System. ARRL also announced that it has signed a new Memorandum of Agreement with FEMA which will heighten amateur radio involvement during disasters.

It is expected that both of these actions will result in ARES being better able to assist Emergency Management agencies consistent with the Stafford Act. EmComm planning emphasizes use of plain text, a uniform organizational and incident management structure, and accountability for personnel deployed during disasters. Information can be found at <http://arrl.org/news/arrl-elected-to-serve-on-safecom> and [http://www.arrl.org/files/file/EMCOMM/American%20Radio%20Relay%20League%20MOA%20-%20UPDATED%20FINAL\(1\).pdf](http://www.arrl.org/files/file/EMCOMM/American%20Radio%20Relay%20League%20MOA%20-%20UPDATED%20FINAL(1).pdf)

FCC MATTERS

Earlier this week the FCC announced that it initiated enforcement action against a ham in California who repeatedly interfered with scheduled nets and failed to identify using his callsign. FCC engineers tracked the interfering signal to a residence using advanced direction finding equipment. According to published infor-

mation the FCC is seeking to impose a \$24,000 fine against the interfering station. Info can be found at <http://arrrl.org/news/licensee-hit-with-24-000-fine-for-jamming-net-failure-to-id-fcc>.

NEW AND UPGRADED LICENSES

Data available to ARRL Section Managers and other officials shows that nationwide, during May 2023, the following license activity occurred:

2 brand new Extras not previously licensed obtained their licenses
13 persons who had not previously been licensed earned their General class license.
48 individuals earned their Technician licenses and became hams for the first time
18 licensed operators successfully upgraded to Extra
44 persons upgraded from Technician to General

As of June 10, the FCC advised that there were 760,794 amateur radio licenses in force. Persons with North Carolina addresses comprised 22,481 of the total of all US amateur license holders.

UPCOMING NC EmCOMM TRAINING

In-person EmComm training has been announced as part of the Charlotte Disaster Comms Academy for the period of August 28 through September 1.

Classes will be held at the Charlotte Fire-Police Training center and will include COML, COMT, IT SECTION LEADER, TACTICAL DISPATCH, AND AUXCOMM courses.

The Auxcomm class is not an entry-level course—it will involve practical training on use of the VIPER 800 mhz network, hands-on use of sending Winlink traffic to Regional and State EM facilities as well as covering PACE planning for when normal operations are severely disrupted.

This is a task oriented course and is specifically designed for personnel who previously completed the Auxcomm course and are working on a Position Task Book issued by NCEM. Auxcomm personnel who have completed the Auxcomm course can take this course as continuing education in order to increase their skill proficiency.

Information about each course, including specific prerequisites and agency endorsement requirements, can be found at <https://terms.ncem.gov/> . Look for the courses on the dates mentioned above.

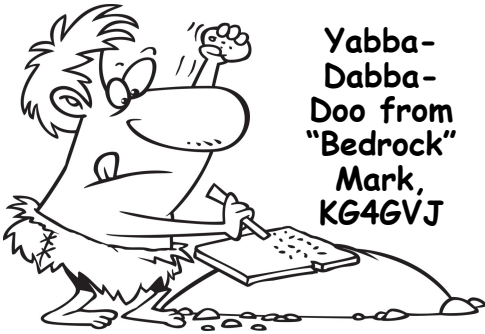
CLOSING COMMENT

I cannot recall a period in which there were more opportunities for hams to get on the air, going to hamfests, operating on Field Day or Parks on the Air, or putting up or fixing your antenna. You are urged to safely do one or several of these activities and be on the air!

73, Marv, WA4NC

ARRL North Carolina Section

Section Manager: Dr Marvin K Hoffman, WA4NC wa4nc@arrl.org



Hi Folks,

Have we recovered yet from Field Day? I for one am not sure. Being in worst shape compared to last year and having to take care of the animals at home due to my wife being out of town, tired me out a lot. Not to mention a dog wanting to get me up a hour before I wish too.

Right now as I type this, the month is almost over. I really don't know if I'll get it out in time for the beginning of July due to my old Computer giving me so much trouble. I hope to have a new computer up and running by next months work.

Paper done, computer not doing well and slow. Have a great month folks. 73

Interested in receiving the Ham Chatter?

If you are not receiving *Ham Chatter* email notices and would like to receive them, please send an email to hamchatter@w4amc.com so we can get your email address and put you on the list. You may miss some important BARC or PARC notices.
- *KG4GVJ*

Help the Editor.

Do you have something to say or post? Want to write an article? Any ideas? Comments and notice's of help needed (Personal or club needs or activities? Can be BARC related or other Club's) are welcomed. Have interesting photo's or articles? Done something related to radio? Please let us know and we may add them to the Ham Chatter and web page Blog.

Send it along to the [Editor at Ham Chatter](#). We will see if we can fit it in soon.

Be a Net Control

Volunteer to help with the Weekly Net for BARC, or other nets. All are welcomed. It's great practice for if you need it for later, it's like First Aid training. A script is available to read off of to help in the progress on the web site.

PUBLIC SERVICE?

Website for NC hams who are interested in public service, Check it out at <https://hpsnc.org/>.

LICENSE STUDY SESSION VIA ZOOM
Ham Radio Zoom Training Courses 2022-2023

The following is our schedule of General and Technician class courses from November 2022 through September of 2023. (FARC) Note that we skip December after the 7th.

General:

August 9, 16, 23, 30
 November 9, 16, 30
 Dec 7

Technician:

July 12, 19, 26
 August 2
 September. 6, 13, 20, 27

Classes are held on Wednesday evenings from 6:30 - 9:30 pm.

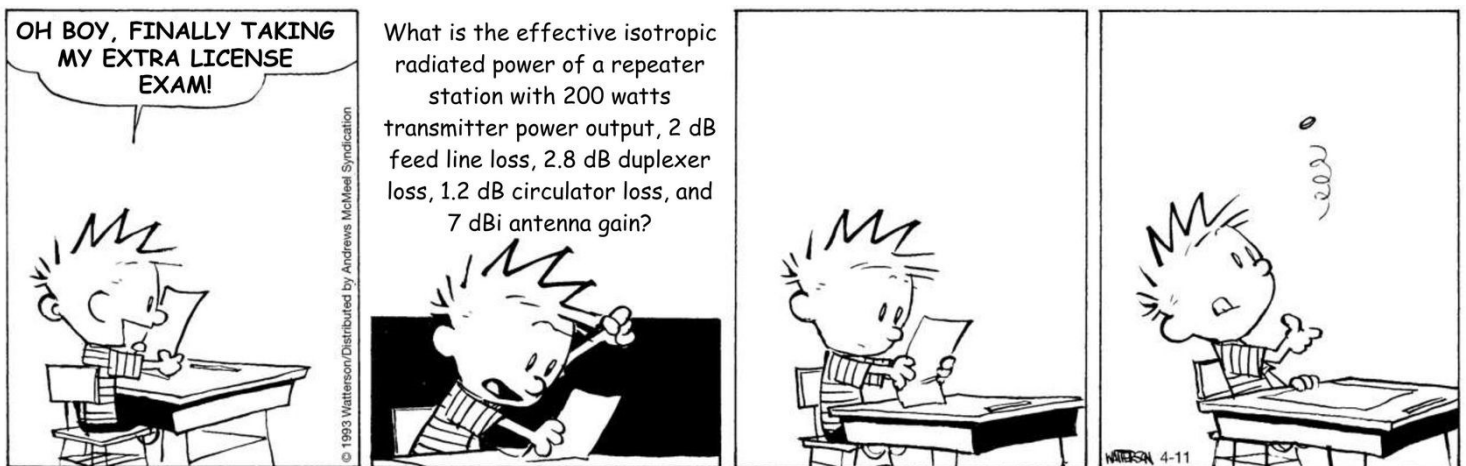
The Gordon West Technician class or General class license manual is recommended in conjunction with online hamstudy.org.

Instructors:

KK4RR, AJ4TF, KA4JAH, AE4TI, K4AX. No charge for the classes.

Preregistration required: contact Richard Weinbaum at KK4RR@mac.com.

Thanks and 73,
 Keith - KA4JAH



All Local Area FCC Exams:**WINSTON-SALEM NC**

2023

2ND Monday, 6PM at Red Cross on Coliseum Drive

No Exams are scheduled in December, the Club has its Christmas party. Sponsored by the Forsyth Amateur Radio Club (FARC), Red Cross Chapter House, 690 Coliseum Drive. Pre-Registration Only. Exams start at 6:00 PM. Bring 2 forms of identification (one with picture). Pre-registration, FRN number, are required before test session date. NOTE: COVID-19 protocols still in effect. Please bring the ORIGINAL, COPY of any CSCE's and signed license to the test session. Exam fee is \$12.00. For more information, contact: Dale Mierisch-WB9SZL, [Email](mailto:DMierisch@w4amc.com), [Phone 336-766-9675](tel:336-766-9675)

The following testing dates and sites are from:

<https://www.w4vec.org/ar.html>

GREENSBORO NC**TESTING 2ND SATURDAYS**

All sessions begin at 9:00 AM Hinshaw United Methodist Church, 4501 Gate City Blvd, Greensboro, NC 27407 ([MAP](#)) [For more information contact: David Macchiarolo-AJ4TF EMAIL](#)

[336-420-9424](tel:336-420-9424)

HIGH POINT NC**TESTING LAST SATURDAYS**

All sessions start at 10:00 AM. Location: Hickory Chapel Wesleyan Church, 301 Hickory Chapel Road (off MLK Jr Drive) High Point, NC 27262 [MAP](#) [Pre-registration is required. Contact: David Macchiarolo Email 336-420-9424](#)

KERNERSVILLE (?)**King/Rural Hall, NC**

Piedmont Triad VE offers free of charge testing, at the King Public Library, 101 Pilot View Drive, King, NC. This is a free of charge exam session for July 2023

subject to the \$35.00 fee to be paid to the FCC. Contact Jeff Webset at webstej <at? windstream <dot> net for next exam.

SALISBURY NC

PRE-REGISTRATION ONLY

Bostian Heights Fire Dept. Community Room

[\(MAP\)](#)

8211 Old Concord Road Salisbury, NC 28146

For more information contact:

Fred - WB4QOC [EMAIL phone 704-534-1031](mailto:WB4QOC@w4amc.com)

Last updated 1/26/22

THOMASVILLE NC

Tri-County Amateur Radio Club

Test Session at 9:30am, Davidson-Davie Community College, 297 DCC Rd. Thomasville, NC 27360 ([MAP](#)) Building: Finch *Building marked with RED arrow), room 221, Preregistration and FRN number is required before test session date. NOTE: COVID19 protocols still in effect. For more information contactL Rick Weinbaum, KK4RR, cell: 446-687-8001 email: [weinbaum <at> mac <dot> com](mailto:weinbaum@mac.com). Last updated 6/1/22

New Ham? New Upgrade?**Live in Forsyth County?****Or just want to join FARC?**

For new hams, or upgrades, who have taken an exam, please complete the information on the FARC application (usually the next-to-last page of the Newsletter), if you have not already done so, for a free membership to the Forsyth Amateur Radio Club (FARC). Mark the form "New Ham - Exam date". Even if this is not an FARC exam session, since we are limited in exam offerings at this time. Once the form is completed, bring to the next club meeting, or please scan and email to secretary <at> w4nc <dot> com [and an email to newsletter <at> w4nc <dot> com].

Exams usually will be offered before the FARC meeting (2nd Monday at the Red Cross) and start at 6:30 PM in room 109 at the Red Cross building **see above to make sure a session is offered**. You are encouraged to arrive early at 6:20 PM Preregistration is required at info <at> w4nc <dot> com.

[From the FARC Newsletter](#)

Pamlico Amateur Radio Club, K4BCH



Club Meeting Location:

Zion Episcopal Church
7302 US Highway 264 East
Washington, NC 27889

Contact info:

Pamlico Amateur Radio Club
C/O Cheryl McGuire KX4EC
530 Jamaka Rd
Washington NC 27889

Club President:

Gary Faust NG9T
gfaust.parc@gmail.com
(252)531-4982

PARC is a 501c3 non-profit organization legally form under the laws of North Carolina.

The club meets at 7pm on the **THIRD** Thursday of each month. The Club Net monthly on the **FIRST** and **Fourth** Thursday at 8pm (EST).

These monthly Nets offer practice in Message-handling procedures in the event of actual emergencies. The formal portion last about 20 minutes, followed by informal comments from Net check-ins. The Net VHF frequency is 146.955 MHz, minus 600 offset, PL tone 131.8 operated through the Bath, NC repeater. A new club repeater is at 147.255 MHz, plus 600 offset, PL tone 131.8.

PARC 80M Net every Tuesday at 7pm (EST) on 3.807Mhz or close by if frequency is in use.

Weekly Wednesday Breakfast: All are invited for breakfast every Wednesday morning at 9:00am EST at Shep's Grill at 129 N. Market St, Washington NC 27889. Parking is in the rear and rear door entry is best.

HAM RADIO OPERATION AT THE NORTH CAROLINA STATE FAIR

Operators are being invited to volunteer to serve at a ham radio tent at the North Carolina State Fair and to talk up ham radio to Fair-goers who stop by at the tent. Here is their Facebook posting about the State Fair operation.

"In 2022, some of the Ham clubs in the Raleigh area got together to participate in spreading the word about Ham Radio at the 2022 NC State Fair. It was such a success that we plan on doing it again this year. The booth is represented as NC Ham Radio and is not affiliated with just one local club. Last year, members from JARS, SWARC, RARS, and a few other clubs volunteered for the event. We are spreading the word for this year's upcoming Fair (October 12-22, 2023) and looking for anyone interested in participating. If you are interested in volunteering this year, please let us know! Also, we have already secured an event callsign and are actively planning to run a special event station from JARScam.

What is needed? We are looking for anyone with a Ham License to volunteer to work at the exhibit, which will include talking with the public about Ham Radio. We will also need Hams with a General License or higher to assist with the special event. Would you be interested in volunteering for the booth? If you or your members are interested in volunteering at the booth, please email Roderick Warren or Domingo Reinhold-Borja Rogers. Interested in helping to run the special event station on either October 14th/15th, or 21st/22nd? 73 - Domingo Rogers - KE4NKY". You can contact him at domingorogers@gmail.com to volunteer or to gather information.

Special Event to Honor the Victims of 9-11 New York City

Shanksville Pa. and Washington D. C.
Sept. 8, 2023 00:01 GMT till Sept. 12, 2023 23:59 GMT

Many members of the Alabama Contest Group will activate K4A for the third year. This year it will be called "9-11 Still in Our Hearts and Mind". We will operate all modes, SSB FT8 CW and RTTY. We will try to be on all bands 160 through 10 meters. A special QSL will be available and like last year to those who contact K4A on 3 bands using any combination of modes we will offer a full color glossy certificate it will be mailed in a full size Manila envelope all postage paid by the ACG even if you are DX. Put each QSO information on your QSL. We request a \$2.00 donation to help cover cost.

Contact/QSL: WA1FCN Robert Beaudoin, 970 Mountainview Rd., Cordova AL. 35550

NC PARKS ON THE AIR IN SEPTEMBER

*From Marv, WA4NC
ARRL NC Section Manager*

Zach Thompson, KM4BLG, and his POTA team are doing a wonderful job in organizing a weekend operating event on September 9-10. The hope is to activate stations at each of the 107 state parks during a beautiful early Fall weekend shortly after Labor Day.

What could be more fun than going to a state park and operating a station from a state park in the Blue Ridge Mountains, the Piedmont or down on the Coast? Information about the event can be found at <https://ncpota.org/>. Kudos go out to Zach for putting this event together. Drop him a message if you are interested in participating. His email is km4blg@gmail.com,

QST de W1AW
ARRL Bulletin 11 ARLB011
From ARRL Headquarters
Newington CT June 14, 2023
To all radio amateurs

SB QST ARL ARLB011

ARLB011 Legislation to Remove Private Land Use Restrictions on Amateur Radio Introduced in Congress

Congressmen Bill Johnson (OH-06) and Joe Courtney (CT-02) reintroduced a bill in the US House of Representatives on June 12 -

H.R.4006 - to remove private land use restrictions that prohibit, restrict, or impair the ability of Amateur Radio operators from operating and installing reasonable antennas on property that they own or control. Similar legislation, H.R. 9670, was introduced by Congressman Johnson in 2022.

The full text of the bill can be found in PDF format at, https://billjohnson.house.gov/uploadedfiles/amateur_radio_emergency_preparedness_act_signed_bill_text.pdf

"I reintroduced the Amateur Radio Emergency Preparedness Act to remove barriers to disaster and emergency communications and training, and to promote education in STEM subjects related to critically needed wireless technology," Congressman Johnson said in a release. "Passage of this bill will promote developing and sustaining our nation's wireless future and facilitate and encourage amateur radio operations as a public benefit."

"As their actions during recent natural disasters such as Hurricane Sandy proved, amateur radio operators in Connecticut can be a critical component of disaster response and emergency management. It is in our communities' best interest that we give them the capabilities to operate at the highest level, and with the re-introduction of this bill, we've taken a strong step in that direction," said Congressman Courtney.

The exponential growth of communities bound by private land use restrictions that prohibit both the operation of Amateur Radio and the installation of amateur station antennas has significantly restricted the growth of the Amateur Radio Service.

The ARRL continues its multi-year efforts to eliminate private land use restrictions that prevent Amateur Radio operations and has pledged to strongly support Congressman Johnson and Congressman Courtney in their efforts on behalf of Amateur Radio.

Rick Roderick, K5UR, President of ARRL, on behalf its Members and America's Amateur Radio community extended his thanks and appreciation for the leadership of Congressman Johnson and Congressman Courtney in their tireless efforts to support and protect the rights of all Amateur Radio Operators and to further STEM education and the advancement of American expertise in wireless technology.

ARES/AUXCOMM News



The five USB channelized 60-meter frequencies are available for interoperability (communication between services). By convention, Channel 1 is designated the calling channel. This convention is established to train the amateur radio community to reach out on Channel 1 in times of national emergency, for information from the federal government. The amateur radio community uses 60 meters on a secondary basis with federal agencies. This and similar 60-meter interoperability exercises are conducted during the first full week of each month. More information [here](#). - *ARRL News*

ARES Resources

- [Download the ARES Manual \[PDF\]](#)
- [ARES Field Resources Manual \[PDF\]](#)
- [ARES Standardized Training Plan Task Book \[Fillable PDF\]](#)
- [ARES Standardized Training Plan Task Book \[Word\]](#)
- [ARES Plan](#)
- [ARES Group Registration](#)

Note from Editor: This section is added for information for those interested in Emergency services. Pitt County doesn't have a active ARES Presence. But the practices and lessons available can be useful if working for or helping pass traffic in times of need.

Important Links

ARRL Home: www.arrl.org

Find an ARRL Affiliated Club:
www.arrl.org/clubs

Find Your ARRL Section:
www.arrl.org/sections

Find a License Class in your area: www.arrl.org/class

Find a License Exam in your area: www.arrl.org/exam

Find a Hamfest or Convention:
www.arrl.org/hamfests

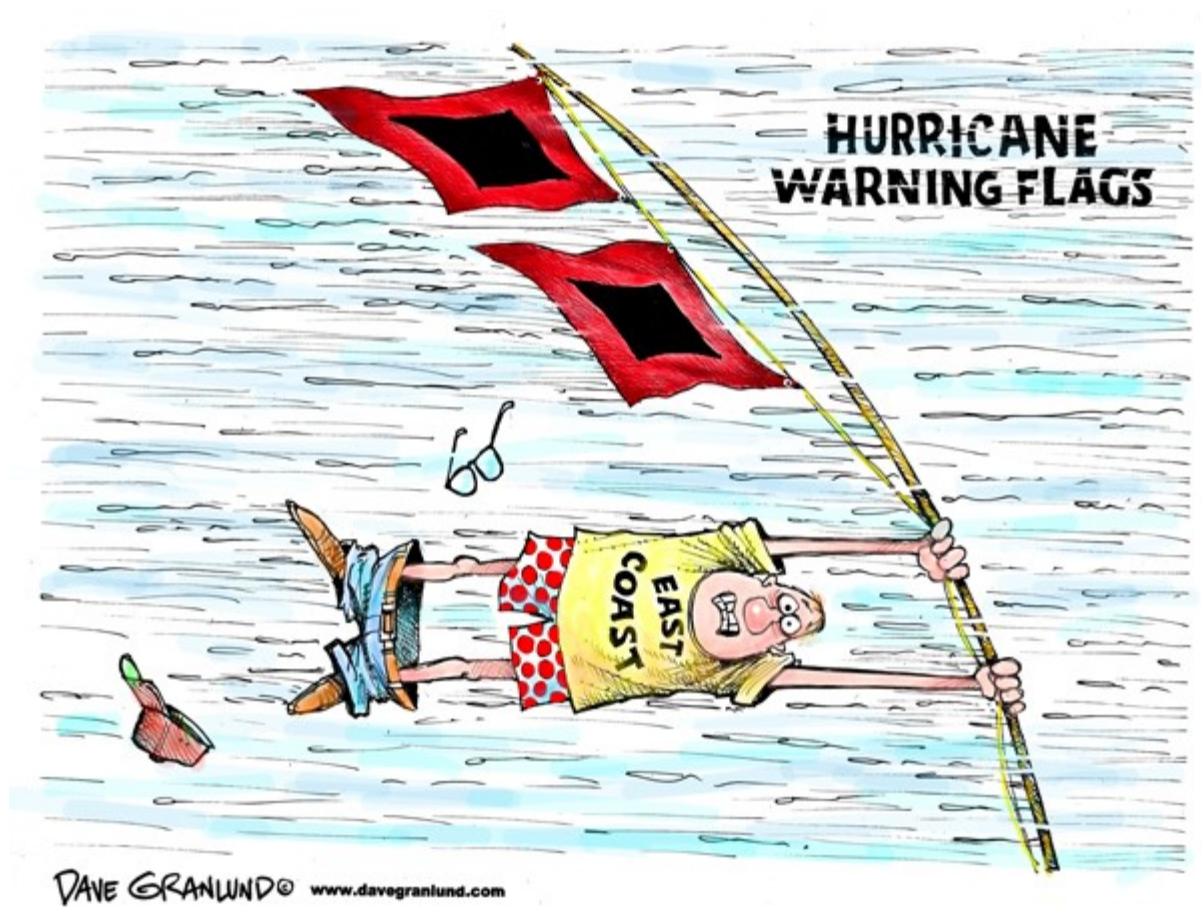
Email ARRL Clubs:
clubs@arrl.org

The ARES Letter

ARES[®] Briefs, Links

Nothing for this month.

Getting to be that season again folks





ARRL The National Association for
Amateur Radio®

Emails



ARRL on the Purpose of Amateur

For over 100 years amateur radio and ARRL — the National Association for Amateur Radio® — have stood for the development of the science and art of communications, public service, and the enhancement of international goodwill. Amateur Radio's long history and service to the public has solidified the well-earned reputation that "Amateur Radio saves lives."

Amateur Radio Operators, due to their history of public service, their training, and the requirement that they be licensed by the FCC have earned their status as a component of critical communications infrastructure and as a reliable resource "when all else fails."

Amateur Radio is about development of communications and responsible public service. Its misuse is inconsistent with its history of service and its statutory charter. ARRL does not support its misuse for purposes inconsistent with these values and purposes.

ARRL Podcasts

Listen to [ARRL Audio News](#), available every Friday. ARRL Audio News is a summary of the week's top news stories in the world of amateur radio and ARRL, along with interviews and other features.



ARRL Audio News is distributed through [Blubrry.com](#). You can subscribe to the podcast via your IOS or Android mobile device with your favorite podcast app, or you can listen and download episodes directly from the Audio News page at Blubrry. Each week, the current edition is available at [ARRL Audio News](#).

ARRL Podcasts Schedule

On the Air

Sponsored by [Icom](#)

For the June 2023 episode of the On the Air podcast, ARRL Radiosport & Regulatory Information Manager Bart Jahnke, W9JJ, and ARRL Contest Program Manager Paul Bourque, N1SFE, join us to talk about a popular Field Day fixture known as the GOTA (Get On the Air) Station. If you're a newer ham, or new to Field Day operating, you can find a local Field Day setup that's running one of these beginner-friendly stations. Tune in to find out how, so you can make plans to operate from a

Field Day GOTA Station during Field Day weekend, June 24 and 25.

The *On the Air* and *Eclectic Tech* podcasts are sponsored by Icom. Both podcasts are available on iTunes (iOS) and Stitcher (Android) as well as on Blubrry - [On the Air](#) | [Eclectic Tech](#)

Amateur Radio in the News

["RRV ham radio club notes 50th anniversary"](#) / The Paris News (Texas), May 18, 2023 - *The Red River Valley Amateur Radio Club is an ARRL Affiliated Club.*

["Ham radio operators continue to support county"](#) / El Defensor Chieftain (New Mexico), May 18, 2023 - The Socorro Amateur Radio Association is an ARRL Affiliated Club.

["No cellphone? No problem! The vintage radio enthusiasts prepping for disaster"](#) / The Guardian (New York), May 27, 2023 -- The Desert Radio Amateur Transmitting Society.

["Public invited to watch ham radio operators in action"](#) / Columbus Messenger (Ohio), May 30, 2023 -- *The Madison County Amateur Radio Club is an ARRL Affiliat*" ["Steubenville-Weirton Amateur Radio Club Donates"](#) / The Weirton Daily Times (Ohio),

June 2, 2023 -- *The Steubenville-Weirton Amateur Radio Club.*

["Hamvention 2023 breaks attendance record"](#) / WHIO-TV (Ohio), June 5, 2023 -- *The Dayton Amateur Radio Association is an ARRL Affiliated Club.*

["Amateur Radio Field Day"](#) / paNOW (Canada), June 5, 2023 -- *The Melfort Repeater Group.*

["McKinney Amateur Radio Club to host annual Field Day event"](#) The McKinney Courier-Gazette (Texas), June 5, 2023 -- *The McKinney Amateur Radio Club is an ARRL Affiliated Club.*

["Ham radio clubs to test emergency capabilities in June 24-25 event"](#) / Observer (Florida), June 6, 2023 -- *The Flagler-Palm Coast Amateur Radio Club is an ARRL Affiliated Club.*

ed Club.

["STEM Outreach: Embry-Riddle to Connect Students, Astronauts"](#) / ERAU News, Embry - Riddle Aeronautical University (Florida), June 8, 2023 -- *The Daytona Beach CERT Amateur Radio Association is an ARRL Affiliated Club.*

["Rochester Amateur Radio Club to participate in national field day"](#) / West Central Tribune (Minnesota), June 7, 2023 -- *The Rochester Amateur Radio Club is a ARRL Affiliated Club.*

["Local amateur radio club invites public to try radios at field day event"](#) / The Review (Ohio) June 9, 2023 - *The Lisbon Area Amateur Radio Association is an ARRL Affiliated Club.*

["Preps underway for ham radio field day"](#) / The Highlander (Texas) June 9, 2023 -- *The Highland Lakes Amateur Radio Club is an ARRL Affiliated Club.*

["Alachua County Amateur Radio Emergency Services Field Day"](#) / Alachua Chronicle (Florida), June 15, 2023 -- *The Alachua County Amateur Radio Emergency Service®, (ARES®).*

["See ham radio in action at Amateur Radio Field Day event in Eastvale"](#) / Daily Bulletin (California), June 16, 2023 -- *The GOTAhams Amateur Radio Club is an ARRL Affiliated Club.*

["Ham radio operators to participate in nationwide event"](#) / The Star (Indiana), June 17, 2023 -- *The Northeastern Indiana Amateur Radio Association is an ARRL Affiliated Club.*

["Amateur Radio clubs prepare for field day event"](#) / Fredericksburg Free Lance Star (Virginia), June 18, 2023 -- *The King George Amateur Radio Operators is an ARRL Affiliated Club.*

["Amateur Radio Field Day | PHOTOS"](#) / The Allentown Morning Call (Pennsylvania), June 25, 2023 -- *Amateur radio Field Day at Bicentennial Park in East Allen Township.*

["Amateur radio operators gather in Falcon for weekend-long Field Day exercise"](#) / KRDO (Colorado), June 25, 2023 -- *Pikes Peak Radio Amateur Association (PPRAA), is an ARRL Affiliated Club.*

["Tampa Amateur Radio Club prepares for hurricane season during Field Day exercise"](#) / WFLA (Florida), June 25, 2023 -- *Tampa Amateur Radio Club is an ARRL Affiliated Club.*

["Local Amateur Radio operators reach out to the world during Field Day in Calhoun this weekend"](#) / KARD (Louisiana), June 25, 2023 -- *Northeast Louisiana Amateur Radio Club.*

["HAM Radio demonstration held at Aiken Municipal Building"](#) / Aiken Standard (South Carolina), June 25, 2023 -- *The North Augusta Belvedere Radio Club and Aiken Amateur Radio Emergency Services (ARES®).*

["Birmingham radio amateurs demonstrate how they help in emergency communications"](#) / WBRC (Alabama), June 26, 2023 -- *Birmingham Amateur Radio Club.*

ARRL Helps Radio Amateurs Comply with New RF Exposure Evaluation Rules

ARRL The National Association for Amateur Radio® provides free, comprehensive resources to help radio amateurs ensure they are compliant with the new RF exposure rules.

On May 3, 2021, [new FCC rules governing RF exposure](#) evaluations went into effect. While the exposure limits were not changed, the requirement to conduct an evaluation was made more broadly applicable to amateur licensees. A 2-year transition period was implemented to allow existing amateur licensees to conduct evaluations and make any changes necessary to ensure that their station complies with the exposure rules. On May 3, 2023, the transition period ended. All licensees must now conduct evaluations of their current station and reassess compliance when making changes to their stations that would affect exposure going forward.

As detailed in a [May 2023 QST article by Greg Lapin, N9GL](#), the rules now require amateur radio operators to perform station evaluations. The Amateur Radio Service is no longer categorically excluded from certain aspects of the RF exposure rules, and licensees can no longer avoid performing an exposure assessment simply because they are transmitting below a given power level.

The ARRL website features an [RF Exposure landing page](#) with resources, such as an RF exposure calculator, the entire RF Safety section from the 100th Edition of the *ARRL The Handbook*, a video explaining the topic, FAQs about the subject, and more. These tools and resources are available to the public without an ARRL membership or website account.

For further assistance with technical matters, ARRL members enjoy the additional resources of the [ARRL Technical Information Service](#), and access to the experts within the ARRL Lab.

ARRL Elected to Serve on

SAFECOM

ARRL The National Association for Amateur Radio® has been elected to serve on SAFECOM®. SAFECOM is a group of national thought leaders and officials within the emergency communications and response space that works to set standards at every level. The program is managed by the Cybersecurity and Infrastructure Security Agency (CISA), an agency of the US Department of Homeland Security.

SAFECOM sets the standards of interoperability procedures. As a part of the group, ARRL solidifies the Amateur Radio Service as a robust resource before and during times of crisis.

A letter from the SAFECOM Chair, Chief Gerald R. Reardon, stated, "On behalf of the SAFECOM Executive Board, it is with great pleasure that I inform you of our offer to join SAFECOM as a member association. SAFECOM aims to improve multi-jurisdictional and intergovernmental communications interoperability through collaboration with emergency responders and policymakers across federal, state, local, tribal, territorial, and international partners. SAFECOM recognizes the organization's dedication to emergency communications and interoperability, and therefore is pleased to extend a membership offer."

ARRL Director of Emergency Management Josh Johnston, KE5MHV, "Gaining a seat at the table is a major step in strengthening the role and capability of amateur radio with emergency communication agencies. This will give us the sounding board and resources we need to set standards and create training for our [Amateur Radio Emergency Service® \(ARES®\)](#) volunteers that will better suit Authorities Having Jurisdiction and partner organizations." The opportunity for ARRL to provide a more comprehensive emergency communications program is part of the goal the Board and ARRL leadership has begun to emphasize over the past few years, and this is one more example of the commitment to do so. ARRL will provide premier resources for the served agencies to support them in all phases of emergency management.

Johnston will serve as the Representative for ARRL on SAFECOM and will be meeting with leadership over the coming days to begin the process of better understanding the roles and responsibilities that come with being a member association. "I look forward to working with the SAFECOM leadership as we move forward and with the ARRL leadership to better serve the ham community, our served agencies, and our partners," Johnston said.

For more information about ARES and other ARRL emergency programs and training, check out our web page at <http://arrl.org/public-service>.

For more information about SAFECOM, visit <https://www.cisa.gov/safecom>.

Gear up for 2023 ARRL Field Day!

2023 ARRL Field Day is just 3 weeks away, on June 24 - 25. It's the most popular on-the-air event held annually in the US and Canada.

More than 40,000 hams throughout North America set up temporary transmitting stations in public places to demonstrate ham radio's science, skill, and service to our communities and our nation. It combines public service, emergency preparedness, community outreach, and technical skills, all in a single event. Field Day has been an annual event since 1933.

There is still time to get ready for Field Day, and all you'll need to participate can be found on [ARRL's Field Day web page](#). You can also join the [ARRL Field Day Facebook Group](#), which is a great place to share your plans, tips, and tricks for a successful Field Day. Remember, when posting content from Field Day, be sure to include #ARRLFD on all social media posts to receive 100 bonus points!

Field Day is ham radio's open house. It can be a picnic, a campout, a way to practice for emergencies, an informal contest, and most of all, it's fun! It's a time when many aspects of amateur radio come together to highlight the many roles

the hobby offers.

While some treat it as a contest, other groups use the opportunity to practice their emergency response capabilities. It's an excellent opportunity to demonstrate how amateur radio might serve in an emergency, as well as how it can help the general public with special events. For many clubs, ARRL Field Day is highlighted on their calendar.

Field Day is open to all amateurs in the areas covered by the ARRL/RAC Field Organizations and countries within IARU Region 2. DX stations residing in other regions may be contacted for credit and may submit entries as check logs.

The main focus of Field Day is to contact as many stations as possible on the 160-, 80-, 40-, 20-, 15-, and 10-meter HF bands, all bands on 50 MHz and above, and to learn to operate in abnormal situations in less-than-optimal conditions.

Remember to check out arrl.org/field-day for the official rules. To find a participating amateur radio club in your area, use the Field Day Locator. Also, gear up for the big weekend with [official merch from ARRL](#).

Museum Ships On-the-Air Weekend

If you like ships and are an amateur radio operator, 100 ships will be on the air from June 3 - 4 for the annual Museum Ships Weekend event.

Organizers stress that this is not a contest, but a fun event that begins at 0000Z on June 3, 2023, and runs through 2359Z on June 4, 2023.

While operation on any amateur frequency is allowed, most ships will be operating in the general portion of the bands. Other possible modes and frequencies include:

PSK31: 14.070 MHz, 10.142 MHz, 18.100 MHz, 21.070 MHz, and 28.120 MHz

FT8: 3.573 MHz, 5.357, 7.074 MHz, 10.136 MHz, 14.074 MHz, 18.100 MHz, 21.074 MHz, 24.915 MHz, 28.074 MHz, and 50.313 MHz

FT4: 3.575 MHz, 7.047 MHz, 10.140 MHz, 14.140 MHz, 18.105 MHz, 21.140 MHz, 24.919 MHz, 28.180 MHz, and 50.318 MHz

Some ships may also operate at 3880 - 3885 kHz as well as 7290 kHz amplitude modulation with either their original or modern equipment.

All stations that contact at least 15 different participating ships can receive a certificate if they send a copy of their log entries to each individual ship with two exceptions to acceptable contacts:

- Contacting the same ship on more than one frequency or mode does not count as having contacted more than one ships.

Contacting a non-participating ship does not count.

New this year, DX stations contacting at least 10 different ships will be eligible to request a certificate (this does not include the US states or Canada).

For more on the event and frequencies used, contact [The Battleship New Jersey Amateur Radio Station](#).

Amateur Radio at the 2023 Area Wide Ripley Rendezvous

The [St. Cloud Amateur Radio Club](#), W0SV, will be supporting the Central Minnesota Council of the Boy Scouts of America by participating in the [2023 Area Wide Ripley Rendezvous](#) from June 1 - 4, 2023, at [Camp Ripley](#). This is the 5th year that W0SV has been active in the event.

The Ripley Rendezvous is one of the largest Scouting events in the upper Midwest and includes Scouts from councils across the US and Canada. Camp Ripley is a 53,000-acre military and civilian training facility operated by the Minnesota National Guard near the city of Little Falls. Camp Ripley makes its extensive facilities available for this unique Scouting event.

All amateur radio operators are invited to help with this event.

W0SV will be operating from Camp Ripley and using the unique 1 × 1 call sign, W0N. New this year will be HF operations. The website, <http://ku5mc.ddns.net:8888>, will be available Saturday, June 3, with a list of frequencies and modes.

Rick Collins, KU5MC, Assistant EmComm Manager for W0SV, said 4,000 - 6,000 Scouts are expected at the event and there will be 11 - 12 operators on site. There will also be eight - nine operators making contacts from their home location.

"Last year, we had almost 800 Scouts participate," said Collins. "This year, we again expect a great turnout and will have a special tent for the HF contacts, including three museum ships in New York."

More information about the event is available on the [W0SV website](#). W0SV is an ARRL Affiliated Club.

Chip Margelli, K7JA (SK) "He Touched So Many Lives"

The airwaves are markedly dimmer this week, social media is filled with heartfelt tributes, and industry leaders are mourning. Longtime fixture of amateur radio Charles "Chip" Margelli, K7JA, passed away after a brief illness. Margelli was an ARRL Life Member.

"The light and love of my life is gone," Margelli's widow Janet, KL7MF, posted on Facebook. "He enjoyed 60 wonderful years as a ham and 45 happy years with me. Between DXing, contesting, ragchewing, moonbounce, satellite, writing, designing, building antennas, and Field Day, there was never a dull moment," she wrote.



Chip Margelli, K7JA (SK). [Gordon West, WB6NOA, photo.]

Margelli was well known in the amateur radio industry. His friendly approach and love of customer service marked his professional career. He served for 29 years at Yaesu Musen until becoming the Director of Sales and Marketing for Heil Sound Communications Inc. in 2006. In 2010, he joined CQ Communications Inc. as the Director of Advertising Sales. Later in his career, he worked with InnovAntennas before retiring from Ham Radio Outlet as an I.T. Specialist in 2022, according to his biography.

"Chip was a great contester," said ARRL Director of Operations Bob Naumann, W5OV. Margelli held first place in many national radiosport contests. "He never had anything bad to say about anyone. He was a fixture at all [of] the big events and was just a great guy to be around," said Naumann.

His love of people took him around the world on DXpeditions and missions of goodwill related to amateur radio.

In 1984, he was instrumental in helping the Chinese Radio Sports Association re-establish amateur radio in China. He served a similar role in Albania and operated from Cuba. In 1990, Margelli and his teammate Mike Wetzel, W9RE, won a silver medal at the first-ever World Radiosport Team Championship, held in conjunction with the Goodwill Games in Seattle.



Chip Margelli, K7JA (SK). [Gordon West, WB6NOA, photo.]

His operating prowess spanned modes, cultures, and languages. "Chip was a real DXer who could be eating an ice cream sandwich while sending CW at 50 WPM, all while watching his smartphone for DX spots and carrying on a conversation with a visiting ham," said instructor Gordon West, WB6NOA.

"When working phone, he would speak Japanese when the band was open to the west and speak Russian [to] an early morning 20-meter contact, and [then] Spanish when working stations to the south - plus, more languages [than] I could ever figure out, with a perfect accent," West added.



West and Margelli at an operating event. [Gordon West, WB6NOA, photo.]

Margelli was genuinely curious about many subjects. "If someone brought up a topic about who knows what, he would just go with it.," said

Janet Margelli.

"There didn't seem to be anything that did not interest him," she said. Margelli is remembered as someone who "just loved people [and] loved entertaining them," she said.



Chip Margelli, K7JA (SK), and Janet Margelli, KL7MF, were married 45 years. [Gordon West, WB6NOA, photo.]

In May 2005, Margelli took amateur radio to global late-night TV. On [an episode of The Tonight Show](#), host Jay Leno pit Morse code against SMS text messaging to see which was a faster way to communicate. Margelli went up against the US champion cell phone text messenger. Long time friend Katie Allen, WY7YL, said that Margelli didn't feel pressure to perform for the global audience nearly as much as he did for fellow hams. "He always told me that it was kind of thrown together at the last minute, the biggest pressure was that Dayton Hamvention was right after and if he blew it, he didn't want to show his face at the event," said Allen. He didn't blow it - Margelli and his partner Ken Miller, K6CTW, beat the speed of the text messengers.

Margelli is a 2018 inductee of the First Class CW Operators' Club (FOC), a 2021 recipient of the E.T. Krenkel Medal, and was inducted into the CQ Amateur Radio Hall of Fame in 2006. He was a life member of AMSAT and the Quarter Century Wireless Association.

More than his impressive career as a radio amateur, those closest to Margelli are mourning the loss of a man they describe as caring and com-



Fellow radio amateurs respected Margelli's expertise with antennas. He would frequently homebrew them. [Gordon West, WB6NOA, photo.]

passionate - always willing to help creatures big and small. "Chip and Janet have a beautiful yard. I remember one time he ran out in a pouring rainstorm to cover a bush that had monarch butterfly larvae in it," said Allen. "Who else would get soaking wet just to make sure butterflies make it through a rainstorm?" she said. Allen once was in need of a kidney transplant, and Margelli offered up his own. "He called my husband - before they even met and said, 'If Katie needs a kidney, I have an extra,'" recounted Allen.

There has been an outpour of messages and remembrances of Margelli circulating on social media. While reaching out for this article, ARRL received many thoughtful comments about Margelli that cannot fit within one story. We have assembled some of the photos and writings on the [ARRL Facebook page](#) and [YouTube channel](#), where users are encouraged to share their memories to honor the impact Margelli had on them. As Margelli was privately battling cancer, he was spending time building cables and other equipment for ham clubs to use in the upcoming [2023 ARRL Field Day](#). His final acts of service will be put to good use in the operating event. Janet Margelli said a memorial service is not planned. "If Chip were here, he'd say the best way to honor him is 'just go kick butt on Field Day.'"

ARRL Hudson Division has New Vice Director

Ed Wilson, N2XDD, of Shirley, New York has been appointed Vice Director of the ARRL Hudson Division by ARRL President Rick Roderick,

K5UR.

Wilson succeeds Nomar Vizcarrondo, NP4H, who was appointed Director of the ARRL Hudson Division in March. Wilson will serve in the position for the remainder of the 3-year term that ends December 31, 2024.



ARRL CEO David Minster, NA2AA (left) presents Ed Wilson, N2XDD (right), with the 2021 ARRL Technical Innovation Award on behalf of Wojciech Kaczmarski, SP5WWP.

Having developed an interest in radio as a child, Wilson has been active in projects that developed new digital protocols for amateur radio.

Wilson has served as an Emergency Coordinator and Public Information Officer and is accredited as a Volunteer Examiner.

The ARRL Hudson Division is comprised of the ARRL Sections of Eastern New York, New York City - Long Island, and Northern New Jersey.

June 6, 2023, is the 79th anniversary of D-Day, also known as the Normandy landings of June 6, 1944, that signaled the end of World War II. The South Flanders DX Activity Group will operate the special event station, F/ON6JUN/P, from the Pegasus Bridge in Ranville, Normandy, France. The station will transmit CW, phone, and digital mode operations on all HF bands from June 5 at 12:00 UTC to June 7 at 01:00 UTC. This includes several modulation modes, such as SSB, RTTY, and

PSK. A QSL card is available for F/ON6JUN/P by contacting the QSL manager, Jos Lampaert, ON5SD.

Two contrasting web articles about amateur radio are going viral this week.

The Guardian published a [well-researched article](#) by Amanda Ulrich about radio amateurs in the Coachella Valley of California. Director of ARRL Southwestern Division Dick Norton, N6AA, is quoted in the piece. It's a good read and portrays ham radio operators well. Another article, to which ARRL will not link, got it all wrong. Many rightfully enraged readers sent the link to *QST* and *ARRL News* editors. The article was about selecting the correct ham radio for your business. It featured extreme technical blunders, such as a claim that a handheld VHF transceiver can reach long distances because of skywave propagation. "It appeared to have been written by artificial intelligence," said ARRL Public Relations and Outreach Manager Sierra Harrop, W5DX.

"Fortunately, ARRL members are quick to spot technical errors, [and] they flooded the publisher with messages. It appears to have been taken down," she said. ARRL is always willing to assist content creators and writers with technical matters related to amateur radio.

An investigation by the Federal Communications Commission (FCC) resulted in a large fine against a California amateur radio license holder.

A Notice of Apparent Liability for Forfeiture (NALF) of \$24,000 has been filed against Philip J. Beaudet, N6PJB, of Burney, California. According to the filing, the penalty is due to Beaudet "willfully and repeatedly interfering with the radio communications of the Western Amateur Radio Friendship Association (WARFA) while it was attempting to hold a regularly scheduled net, and for failing to provide station identification on amateur radio frequencies." FCC agents used direction-finding techniques during November and December 2022 to track the interfering signals to Beaudet's home station. Agents "heard him playing recordings on 3.908 MHz that caused interference to the ongoing WARFA net, while failing to provide

his assigned amateur call sign," the document stated.

Proclaiming Field Day!

With 2023 Field Day fast approaching, many amateur radio operators are busy scouting their locations and getting their equipment ready for the big event.

State Sections and individual clubs are also working on publicizing Field Day and obtaining proclamations from local and state governments. It's a great way to help get clubs noticed and to draw attention to amateur radio.

Ohio Governor Mike DeWine issued a proclamation naming June 24 - 25 2023, as Amateur Radio Operators' Appreciation Days.

In Kansas, Governor Laura Kelly signed a proclamation making June 24 - 25 2023, Amateur Radio Field Days, while Assistant Section Manager of the ARRL

Kansas Section Kenneth A. Kopp, AKØA, and others stood at her side.



New Hampshire Governor Chris Sununu holds a proclamation declaring June as Amateur Radio Month with Section Manager of the ARRL New Hampshire Section Pete Stohrer, W1FEA. [Barron Clogston, photo.]

Many other states, such as Illinois and Virginia, have issued proclamations, and more are pending. See the proclamations, as ARRL receives them, [at this link](#). It's not too late to request a proclamation or resolution.



Amateur Radio Field Day Proclamation, signed by Kansas Governor Laura Kelly. Looking on, from left to right, are Assistant Section Manager of the ARRL Kansas Section Kenneth A. Kopp, AKØA; Joseph Pajor, KBØKFH; Charles Tucker, KBØSQL, and Terryl Pajor.

[The ARRL 2023 Field Day Overview](#) is a great place to start and has information on every aspect of getting ready for Field Day. Visit [the ARRL Field Day web page](#) for all of the event's rules and regulations. The information is also available in Spanish at: [Reglas del Día de Campo de la ARRL 2023](#).

ARRL will host a livestream on YouTube and other social media platforms during Field Day. The social media team will be sharing images and photos posted with the hashtag #ARRLFD. Remember to post content with the hashtag for a chance to be featured and help spread the message of the event. Also, tag us! Find our social media channels [on this page](#).

AMSAT Field Day to Activate Satellites

The Radio Amateur Satellite Corporation (AMSAT) promotes its own version of Field Day for operation via the amateur satellites. It's held during the same hours as ARRL Field Day. Making contacts should be as easy as it was last year, as more than 10 transponders and repeaters will be available.

AMSAT's Bruce Paige, KK5DO, gives a full report of AMSAT Field Day on this week's [ARRL Audio News](#). You can hear his report on Friday morning,

June 9, 2023

.ARRL Field Day Public Relations Tools

Those interested in helpful tips and tricks to get the message out about their Field Day event have a new training tool. The [ARRL Public Relations Committee](#) (PRC) has published a video webinar with pointers on media and public relations techniques for the event. There's also helpful information on outreach and social media strategy that can be useful throughout the year. The session is 37 minutes long and may be found [at this link](#).

The PRC is a national-level committee appointed annually by the President of ARRL. Comprised of people with extensive experience in different areas of public relations, media work, news, and social issues experience, this committee is the "go-to-" group for making national-level events happen. They provide support, advice, and skilled help.

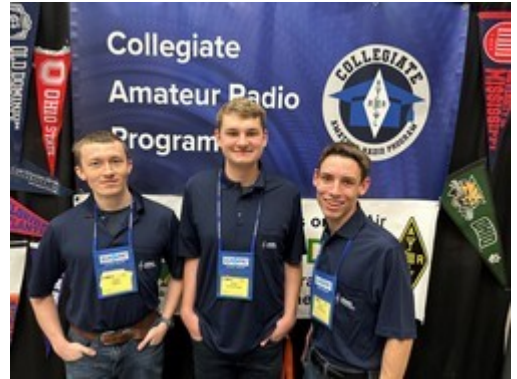
2023 SEA-PAC: Successful ARRL Northwestern Division Convention

"Surf a Radio Wave" was the headline for the Pacific Northwest's largest amateur radio convention, [SEA-PAC](#), which held its 41st event, June 2 - 4, 2023, in Seaside, Oregon. The convention hosted the 2023 ARRL Northwestern Division Convention.

ARRL Education and Learning Manager Steve Goodgame, K5ATA, delivered an inspiring keynote address at Saturday's banquet. Goodgame spoke about current and future ARRL initiatives to increase the adoption of amateur radio by more schools as part of a STEM education curriculum. His spouse, Cyndi Goodgame, K5CYN, spoke at the YL Luncheon, on the topic of developing the next generation of young women in amateur radio. She was joined by Katherine Campbell, KE8LQR, of Columbiana, Ohio, and ARDC Executive Director Rosy Schechter, KJ7RYV, of Portland, Oregon. Both offered per-

sonal perspectives on being active hams. At age 15, Campbell holds an Amateur Extra Class license, and participates in many hamfests to recruit and encourage other young hams.

A large student presence at SEA-PAC was organized by Scott Rosenfeld, N7JI, Technical Advisor for the ham radio club at the University of Oregon (UO), [Ducks on the Air](#). Students



Students from Oregon State University Amateur Radio Club representing the ARRL Collegiate Amateur Radio Program at SEA-PAC included (left to right) Charles Chance, KE0IJJ; Preston Crowe, W7PBC, and Club President Declan O'Hara, KG7HTE.

from three schools supported a booth for the ARRL Collegiate Amateur Radio Program including UO, Portland State University (PSU), and Oregon State University. "It was great to see such enthusiastic participation from the students, such great support from ARRL and the SEA-PAC organizers, and so much personal interaction between attendees and our students supporting collegiate amateur radio," said Rosenfeld. PSU students used the opportunity to present their student-led aerospace project, OreSat, Oregon's first satellite. OreSat0 is a CubeSat that launched in March 2022. Additional OreSats are in various stages of development and launch planning.

Students track and receive data from the satellites with amateur radio. "The students enjoyed the experience so much that they've already discussed doing it again next year, and how to make the experience even better," added Rosenfeld, who thanked show attendees for spending time talking with the students.



ARRL member Kat Ricker, KF7KAT (left), builds an end-fed half-wave antenna during one of the workshops offered at 2023 SEA-PAC. ARRL Alaska Section Manager David Stevens, KL7EB (right) was among the team of instructors who assisted with the kit building.

See ARRL's photo album from SEA-PAC on [Facebook](#).

SEA-PAC is sponsored by the Oregon Tualatin Valley Amateur Radio Club, and co-sponsored by the Clark County Amateur Radio Club. The next SEA-PAC will be held May 30 - June 2, 2024. Visit www.arrl.org/hamfests to find a hamfest near you.

[Read more about the event on ARRL News.](#)

Australian Government to Resume Amateur Licensure, Deed Delegation Ends

The Australian Communications and Media Authority (ACMA) said they will resume responsibility for amateur radio licensing in the country. As [first reported](#) by the Wireless Institute of Australia, the "new, more effective arrangements" come as ACMA reported that the Australian Maritime College (AMC) has decided not to extend a deed arrangement that delegated licensing of

radio amateurs to the school beyond February 2024. AMC has been responsible for operator exams, issuing qualifications, and recommending that ACMA issue a call sign to an applicant.

Australia issues three license classes: Foundation, Standard, and Advanced. Currently, tests are administered by volunteer assessors, often associated with radio clubs, who are accredited through the AMC. ACMA proposes to keep that same corps of volunteers, but to have them directly administer testing on behalf of the government. Those interested in being ACMA-accredited assessors may apply to the agency.

ACMA plans to introduce the new accreditation scheme and class licensing arrangements in August 2023.

Legislation to Remove Private Land Use Restrictions on Amateur Radio Introduced in Congress

Congressmen Bill Johnson (OH-06) and Joe Courtney (CT-02) reintroduced a bill in the US House of Representatives on June 12 -- [H.R.4006 \(see full text of bill in this PDF\)](#) -- to remove private land use restrictions that prohibit, restrict, or impair the ability of Amateur Radio operators from operating and installing reasonable antennas on property that they own or control. Similar legislation, H.R. 9670, was [introduced](#) by Congressman Johnson in 2022.

"I reintroduced the Amateur Radio Emergency Preparedness Act to remove barriers to disaster and emergency communications and training, and to promote education in STEM subjects related to critically needed wireless technology,"

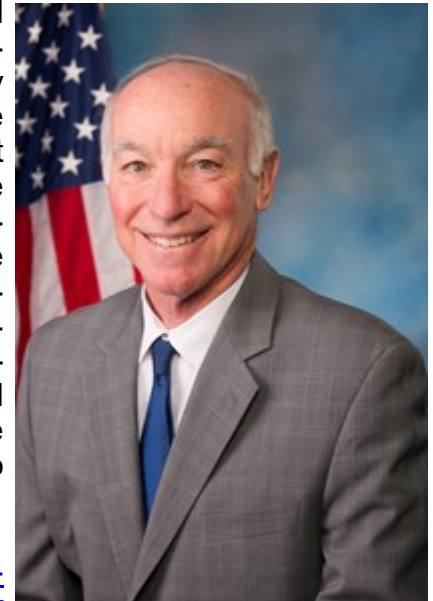
Congressman Johnson said in a release. "Passage of this bill will promote developing and sustaining our nation's wireless future and facilitate and encourage amateur radio operations as a public benefit."

"As their actions during recent natural disasters such as Hurricane Sandy proved, amateur radio operators in Connecticut can be a critical component of disaster response and emergency management. It is in our communities' best interest that we give them the capabilities to operate at the highest level, and with the re-introduction of this bill, we've taken a strong step in that direction," said Congressman Courtney.



Congressman Bill Johnson (OH-06).

The exponential growth of communities bound by private land use restrictions that prohibit both the operation of Amateur Radio and the installation of amateur station antennas has significantly restricted the growth of the Amateur Radio Service.



Congressman Joe Courtney (CT-02).

[ARRL The National Association for Amateur Radio®](#)

continues its multi-year efforts to eliminate private land use restrictions that prevent Amateur Radio operations and has pledged to strongly support Congressman Johnson and Congressman Courtney in their efforts on behalf of Amateur Radio.

Rick Roderick, K5UR, President of ARRL, on behalf its Members and America's Amateur Radio community extended his thanks and appreciation for the leadership of Congressman Johnson and Congressman Courtney in their tireless efforts to support and protect the rights of all Amateur Radio Operators and to further STEM education and the advancement of American expertise in wireless technology.

2023 Field Day: T-Minus 1 Week!

2023 ARRL Field Day is just a week away and social media is bristling with posts and stories about amateur radio operators getting ready for the big operating event. ARRL will be live streaming on [YouTube](#) from [W1AW, the Hiram Percy Maxim Memorial Station](#) at ARRL Headquarters in Newington, Connecticut. Hams from

around the world will get the chance to have their local event featured in the live cast by tagging ARRL in their photos and videos on [social media](#). Include the hashtag #ARRLFD with your posts, and your content might wind up featured!

On the pre-check list are antennas, transceivers and different types of power supplies, site locations, all -weather gear, and make-shift operating tables. Also remember to have sunscreen, snacks, and plenty of water. Be sure to do a quick check of the [rules](#) (there are a few minor changes since last year), coordinate with friends and other operators, and synchronize timekeeping devices.

But getting ready is just part of the fun of Field Day, as gathering with your local amateur radio community and making contacts is a reward in itself! Whether you make one or 100 contacts, hearing a return to your CQ is what makes Field Day special. In 2022 nearly 30,000 operators made over 1.2 million contacts -- now that's exciting!

ARRL has several web pages that can help make help you make sure are ready. Check out [ARRL's Field Day website](#) for the information you'll need from start to finish including the event dates and times. Field Day is always the fourth full weekend in June. This year's event will begin at 1800 UTC on Saturday, June 24 and run until 2059 UTC on Sunday, June 25.

The web page also includes a link to the [ARRL Field Day Facebook Group](#) where you can share information, ask questions, and use the use hashtag #ARRLFD on to receive 100 bonus points!

FCC ULS down, Amateurs Unable to Submit Applications, Filing Deadlines Extended

The FCC Universal Licensing System (ULS) has been experiencing an outage since Friday, June 9, 2023. Amateur licensees are unable to submit applications or process renewals. Filing dead-

lines have been extended. The FCC has been communicating updates with VECs, including ARRL VEC about the situation, which remains fluid. As of late afternoon on Thursday, June 15, 2023 the FCC had no timeline for when the ULS would be back online.

For the latest information, watch the [ARRL News feed](#). The story about the issue posted there will remain updated with the latest information.

Amateur Radio Helps Air Show Fly High

More than 40 members of the [Nashville Amateur Radio Club](#), Williamson County ARES®, and [Stones River Amateur Radio Club](#) partnered to provide operations support leading up to and throughout the 2023 Great Tennessee Air Show.

On June 10 - 11, 2023, the show was headlined by the US Navy Blue Angels demonstration team. Tom Delker, K1KY, Air Show Communications Coordinator, said that amateur radio operators from the Middle Tennessee Emergency Amateur Radio System have been supporting the air show since the mid-1980s.

Operators were able to employ multiple technologies during the event, including simplex radio operations, RF mesh networking, mobile VoIP phones, IP surveillance cameras, APRS tracking, and weather monitoring and measurement.

Smyrna/Rutherford County Airport Authority Director John Black and Deputy Director Salil Rai expressed their sincere appreciation for the team and all those who worked the event. This volunteer amateur support translates to operations money that can go directly towards community projects.

In addition to the US Navy Blue Angels demonstration team, historic aircraft, including the Spirit of Detroit DC-3 and the Blue Angles' "Fat Albert" C-130 Hercules, also highlighted the show.

Event organizers said they expected more than 50,000 people to attend the event. The next

Great Tennessee Air Show is scheduled for 2025.

Cal Poly Amateur Radio Club achieves 2,000th License Milestone

Student-run [Cal Poly Amateur Radio Club \(CPARC\)](#) at California Polytechnic State University in San Luis Obispo County just hit a licensing milestone. On May 23, 2023, Kyle Wiens became the 2,000th person to pass the amateur radio exam given by CPARC since they started in 2009.

Wiens, now KO6ABA, is a Cal Poly alumnus and CEO of iFixit, a company that produces electronics repair guides for consumers. After learning about the approaching landmark, Wiens expressed immediate interest in being that 2,000th licensee.

Wiens and several interested members of the iFixit staff took a course from CPARC officers Mathew Shaham, KM6WIU, and Hunter Herring-Alderete, KN6RJA. Then they took an exam.

The session had 28 applicants and was the largest group of the year held by CPARC's Volunteer Examiners. Alumnus

Marcel Stieber, AI6MS, served as session liaison and worked closely with student lead Andrew Fahey, KN6FIJ, to coordinate the exam.

CPARC uses an accelerated course licensing technique that became popular through Dr. Dennis Derickson's, AC0P, Freshman Licensing Initiative which started in 2011. Up until 2022,

when the FCC began issuing a fee for new licenses, the initiative provided class credit in the introductory course, Electrical Engineering E-111, for obtaining an amateur radio license.

The effort gave new electrical engineering students a preview of topics covered in further classes. It also afforded students a practical outlet for skills like radio contesting and volunteering as communications support for events. At the peak of the initiative, CPARC was licensing more than 100 operators in one 50-minute class period.

"It's a big milestone. Most exam teams don't make it to license number 2,000. I'm really proud to support the students running these exam sessions," Stieber said after the exam session. As the last papers were graded, the majority of student applicants passed in addition to every member of the iFixit crew.

The [Annual 13 Colonies Special Event](#) will take place July 1 - 7, 2023. The 13 Colonies Special Event is an on-air amateur radio event honoring the original 13 colonies, US independence, active military personnel, and veterans. All amateur radio operators are welcome to participate, including shortwave listeners. Certificates will be available for all participants. Each US state that was one of the original 13 colonies has a special call sign. All HF bands will be open, including the WARC bands, *with the exception of 60 meters*. Simplex on 2 and 6 meters is encouraged and the use of 40 - 160 meters is encouraged for stations in the southern east coast. All modes of operation may be used, including SSB, CW, RTTY, and digital. The mode of operation is up to the individual colony/state station. Please refer to each special event station's QRZ page for more details and information.

The Radio Society of Great Britain (RSGB) has received a generous donation of His late Majesty, King Hussein of Jordan's UK amateur radio equipment. Her Majesty Queen Noor of Jordan chose to donate the UK amateur radio equipment to the Society. King Hussein, JY1 (SK), who died in



CPARC VE team with group from iFixit. [Marcel Stieber, AI6MS, photo.]

1999, was a prolific radio amateur who made contacts with many hams from around the world. He was known for operating modestly, never announcing himself as King Hussein, but opting to go by 'Hussein from Jordan' instead. A permanent display is being organized at the RSGB National Radio Centre at Bletchley Park

Here It Comes! ARRL 2023 Field Day

Get ready to tune in the world! ARRL 2023 Field Day weekend is just about here. This year's event will begin at 1800 UTC on Saturday, June 24, and run until 2059 UTC on Sunday, June 25.

[ARRL's Field Day](#) web page has all of the last-minute information you'll need to make Field Day fun and safe and to help prepare you for 2 days of great contact opportunities. The web page also includes a link to the [ARRL Field Day Facebook Group](#), where you can share information and ask questions.

ARRL will be live streaming Field Day weekend on [YouTube](#) from W1AW, the [Hiram Percy Maxim Memorial Station](#) at ARRL Headquarters in Newington, Connecticut. Find the link to our live stream at www.arrl.org/live. We plan to check in with Field Day sites from around the country and will also feature social media posts tagged with #ARRLFD. If you use #ARRLFD, you can receive 100 bonus points.

An important part of Field Day is making sure your friends, family, and neighbors know what Field Day is all about and why it's important. You can do that by making phone calls or sending emails inviting everyone to watch and listen. Once you get them out to the event, let them experience the joy of making contacts via the Get On The Air (GOTA) station.

When you get folks interested in amateur radio, remember the many resources that ARRL offers to help them get licensed. Our [getting licensed](#) web page outlines the pathway from observer to ham. Our [ARRL Ham Radio License Manual](#) will provide everything they need to know to get licensed and get on the air. The

[ARRL Learning Center](#) is a valuable resource as well.

Local amateur radio clubs have also found unique ways to publicize Field Day activities. The [Jupiter Tequesta Repeater Group \(JTEG\)](#) was able to grab some airtime on iHeartRadio station WJNO in West Palm Beach, Florida. Their 10-minute interview about Field Day aired on June 15, 2023. You can listen to it [here](#).

Grab your gear and get ready to be part of ARRL Field Day 2023!

AMSAT Field Day on the Satellites

2023 AMSAT Field Day is ready to go. It's held concurrently with ARRL Field Day, and the hours are the same. The event begins at 1800 UTC on Saturday, June 24, and run until 2059 UTC on Sunday, June 25.

The rules are different for AMSAT Field Day. You can find all of the rules and additional information in a downloadable format [here](#).

For more information about AMSAT, visit their website at [AMSAT - The Radio Amateur Satellite Corporation](#).

Women of Influence in Engineering 2023 Ham Honoree

Michelle Thompson, W5NYV, Cofounder and CEO of the Open Research Institute (ORI), has been selected as a 2023 honoree for the Women of Influence in Engineering section published by the *San Diego Business Journal*. The publication celebrates female trailblazers and highlights the honorees careers and accomplishments.

Thompson has been an amateur radio operator for more than 25 years and was drawn to the hobby by her father and grandfather, who were amateur radio operators.



Michelle Thompson, W5NYV, 2023 Honoree (photo courtesy of W5NYV)

"We were a family of tinkerers, and my dad and granddad were always fixing and building things, including amateur radios," said Thompson. "Because of their influence, I was drawn to the vocation of helping people navigate difficult rules and regulations that impeded their learning and success."

In 2020, Thompson founded ORI, a nonprofit research and development organization that provides all of its work to the general public under the principles of [Open Source](#) and [Open Access to Research](#). She is responsible for amateur satellite service regulatory reform and is a member of the FCC Technological Advisory Council.

Thompson is also chair of the Institute of Electrical and Electronics Engineers (IEEE) San Diego Section. She founded the IEEE Information Theory Society, as well as the local Open Source Digital Radio Group.

Thompson serves the ARRL Field Organization Southwestern Division as a Technical Specialist for the San Diego Section, and she is an ARRL Life Member.

HAM RADIO Exhibition Ready in Germany

HAM RADIO, one of the largest amateur events in the world, kicks off its 46th international amateur radio exhibition in Friedrichshafen, Germa-

ny on June 23 - 25, 2023.

HAM RADIO is a platform for radio enthusiasts to get together and exchange information and experiences. The event features commercial exhibitors, worldwide networked associations, and Europe's largest radio flea market with more than 300 participants from 16 countries. ARRL is an active partner at HAM RADIO and will be represented at the 2023 event.

This year's theme, We're all about STEM, is a reference to science, technology, engineering, and math disciplines that are being integrated into education to help students better prepare for a changing world.

"We're pleased to have added a Career Day to the well-established concept of fascinating lectures, live radio contract events, and exams for the first time this year," said Project Manager Petra Rathgeber. "After all, the field of amateur radio is perfectly suited to teaching interested children and young people about natural sciences and awakening an enthusiasm for technology in them."

You can read more about [HAM RADIO 2023](#) at the event web .

The Dave Kalter Memorial Youth DX Adventure is proud to announce that the special event station, W3Y, will be in operation on July 29, 2023. The [K3LR](#) contest group is hosting this event at their station and the trip is being sponsored by the [Dayton Amateur Radio Association](#). This is the first time the Dave Kalter Memorial Youth DX Adventure special event station will be hosted in the USA. K3LR is considered to be one of the largest stations in the world, and this adventure is expected to be truly special for the Dave Kalter kids and their parents. The Dave Kalter Memorial Youth DX Adventure is an organization that sends young hams, ages 12 to 17, and a parent on a summer DXpedition. The organization is named in remembrance of Dave Kalter, KB8OCP (SK), who passed away in 2013. Listen for W3Y on July 29 for an opportunity to make

QSOs. The team is currently being formed, and more information will be available soon. The organization is anticipating a team of 4 to 5 youth operators.

Please contact Jim Storms, AB8YK, at ab8yk@hotmail.com with any questions.

The [Hurricane Watch Net](#) (HWN) continues to monitor the progress of Tropical Storm Bret.

Bobby Graves, KB5HAV, Hurricane Watch Net, Manager / Webmaster reports that as of 1500 UTC, Bret was located at 13.8N 57.7W, or about 130 miles (205 km) east-northeast of Barbados and about 220 miles east of St. Lucia, with maximum sustained winds of 70 mph (110 km/h). Movement was to the west, or 280 degrees, at 14 mph (22 km/h). The minimum central pressure was 999 mb or 29.50 inches. Bret is well within the 300-mile activation range for a hurricane. The current forecast keeps Bret just below Cat 1 Hurricane strength. Bret, however, could produce wind gusts well above 75 mph. The HWN will remain in Monitoring/Standby Mode. Should Bret intensify into Hurricane status, the HWN will announce plans of activation via their email distribution and website homepage at www.hwn.org.

For additional updates also watch the [ARRL News feed](#).

2023 ARRL Field Day Was a Success

2023 ARRL Field Day is in the books and from all indications, it was a success!

[Social media](#) is buzzing with stories and photos from around the country.

Results are coming in, and so far, 2,548 Field Day entries have been received. You can see a live, up-to-the-minute count of the entries, comments, and photos on the Field Day [Entries Received](#) web page.

Participants have been submitting photos and descriptions of their stations and setups to the

[SOAPBOX](#) column. Below are just a few of the many Soapbox received so far.

William Roy, K1YOR:

"I used a Yaesu FT-450D, 100, and an

[MFJ] G5RV Junior [antenna] in the near vertical incidence sky-wave configuration. It was basically horizontal. The average height was about 14 to 18 feet above the



William Roy, K1YOR.

ground, broadside was north/south, and the ends were pointing east and west. Because I was inside, the antenna could not be extended in a normal fashion. I used rubber standoffs and non-metal furniture to support the antenna.

Thomas Hardy, NN7O:

"This was my first year participating in Field Day. [I] operated CW [low power] from eastern California. I am still a new CW operator, and while I am getting better, I appreciate everyone's patience. I was using my KX2 into a

Thomas Hardy's, NN7O, Field Day setup.



40-meter [end-fed-half-wave] setup as an inverted v. [It] seemed to work well. [I got] more east coast contacts than I expected!"

Thomas G. Azlin, W7SUA:

"I set up at our family cabin on the Mogollon Rim [Trail] near Show Low [in Arizona]. [I] used

an [Elecraft] setup.

K3, [a] Goal Zero Yeti 1500X battery/inverter, [a] 200 -W solar panel for daytime charging, and an [MFJ] G5RV Junior [antenna] strung up in pine [trees] with pre-existing ropes and pulleys. [I] split my time between JS8 and FT8 on 40, 20, and 15 meters. [It was a] nice Field Day, [and] fun!"

Like many ARRL Field Day sites, the Hampden County Radio Association (HCRA) in Massachusetts welcomed

guests to their event. They got more than they bargained for, though, when a black bear showed up and started helping itself to their food!

More stories and updates are on the way. Check out the [ARRL News](#) web page for the latest on 2023 Field Day!

ARRL Field Day Banner Winner

Mike Moore, WI9MMM, President of the Fox Cit-



Thomas G. Azlin's, W7SUA, Field Day setup.

ies Amateur Radio Club, W9ZL, in Wisconsin, was the winner of the ARRL Field Day banner giveaway earlier this month.

ARRL Affiliated Clubs and members opted into the Club newsletter via email were automatically entered by purchasing ARRL Field Day merchandise or sub-

mitting an entry through an online form. Mike was the lucky winner, and displayed the banner at his club's site.

"The banner made our Field Day site much easier to find. We had decent enough foot traffic that I forgot to take more pictures. In a way... that's a "Win!" - because I got to share the hobby with more people," wrote Moore.

2023 AMSAT Field Day

2604 AMSAT Field Day is over, and early data shows how the satellites were utilized.

It has been many years since there were more than one or two Field Day submissions from outside North America. This year, immediately after of Field Day ended, there were two submissions from Japan.

The satellites worked well. The FM Tevel family of satellites and GreenCube seemed to be popular. SO-50, AO-91, and the International Space Station were also busy with their FM single channel. DOSAAF-85 (RS-44) was quite tame, with plenty of bandwidth for many to make contacts, whether they were sitting on a frequency and calling CQ or using the hunt-and-pounce method.



The banner at the Fox Cities Amateur Radio Club site for ARRL Field Day. [Mike Moore, WI9MMM, photo]



A black bear eating the Field Day snacks at the HCRA site. [Larry Krainson, W1AST, photo.]

More data is on the way. For updates, visit the [AMSAT](#) website. A special thanks to Bruce Paige, KK5DO, for the information provided in this story.

ARRL Section Managers Prepare for New Terms

When the nomination period for the summer ARRL Section Manager election cycle concluded on June 9, 2023, there was only one candidate for each of the Sections up for election.

The following incumbent Section Managers were declared re-elected to new 2-year terms starting on October 1, 2023:

- Amanda Alden, K1DDN, Colorado.
- Jo Whitney, KA7LJQ, Eastern Washington.
- Diana Feinberg, AI6DF, Los Angeles.
- Carol Milazzo, KP4MD, Sacramento Valley.
- Dan Ringer, K8WV, West Virginia.
- Stuart Wolfe, KF5NIX, South Texas.

Monte Simpson, W7FF, Western Washington.

Kevin Kerr, W1KGG, of Plains, Montana, was the only nominee for the ARRL Montana Section, and he will be taking the reins of the Montana Field Organization on October 1. Kerr is presently serving as Section Emergency Coordinator of the Montana Section and as a District Emergency Coordinator within the Section. Paul Stiles, KF7SOJ, decided not to run for a new term. Stiles, of Billings, Montana, has been Section Manager of the Montana Section since 2019.

Dr. Antonis Papatsaras, AA6PP, of Larkspur, California, will become the Section Manager of the San Francisco Section on October 1 because he was the only nominee. He currently is an Assistant Section Manager of the ARRL San Francisco Section and has been President and Director of the San Francisco Radio Club.

Bill Hillendahl, KH6GJV, of Santa Rosa, California, decided not to run for another office term after serving as Section Manager of the San Francisco Section for 20 years.

Section Manager of the Oregon Section David Kidd, KA7OZO, has decided to step down from the role for personal reasons. He was first appointed to the position on July 1, 2018. Effective July 1, 2023, Jonathan Wanzer, KK6GXG, will fill the role for the remainder of the current term.

Wanzer stated, "Homebrew radios, tools, and antennas are not my only interests in the Amateur Radio Service. I like to share with others; I teach license classes and in-



Jonathan Wanzer, KK6GXG, new Oregon Introduction to Emergency Communications (EC-001). I am an active Volunteer Examiner... I also have the honor of serving fellow hams as the Klamath County Emergency Coordinator and as the Assistant Section Manager for [the Oregon Section]. One of my greatest privileges is in developing contacts and relationships with non-ham groups and providing presentations and information on amateur radio and all it has to offer their members, and the community at large, through the Civil Defense Communications Auxiliary."

Wanzer, of Klamath Falls, will serve as Section Manager of the Oregon Section through June 30, 2024.

ARRL would like to thank Kidd for his years of dedicated service as a volunteer, and for his hard work as a Section Manager.

HAM RADIO in Germany Draws International Crowd

The 46th annual International Amateur Radio Exhibition, HAM RADIO, attracted more than 11,000 visitors to Friedrichshafen, Germany, June 23 - 25, 2023.

ARRL, which has nearly 7,000 international members, sends a small delegation to the convention each year -- greeting members and friends from the

global amateur radio community, and networking with other national radio societies. ARRL representatives included President Rick Roderick, K5UR and his wife Holly Roderick; CEO David Minster, NA2AA; Director of Operations Bob Naumann, W5OV, and Director of Marketing and Innovation Bob Inderbitzen, NQ1R.



Attendees queue up at the ARRL booth to have their QSL cards checked for DXCC and

Messe Friedrichshafen Managing Director Klaus Wellmann and Project Manager Petra Rathgeber were delighted with the success of the event.

"HAM RADIO lived up to its reputation as Europe's largest amateur radio exhibition. In cooperation with the German Amateur Radio Club (DARC), the perfect partner for the event, we showed that amateur radio plays an important role in society," said Wellmann and Rathgeber. "This year's slogan, 'We're all about STEM!' was brought to full fruition, with many activities focusing on work with young people -- something that really brought in the crowds."



(Left to right) Lili, HA2LY, and Nóri, HA5YN, were among the youth attendees at 2023 HAM RADIO and who visited the ARRL stand. Both will participate in the Youngsters on the Air (YOTA) camp in Hungary, to be held in August.

A recent press release from HAM RADIO said young attendees were able to tinker and make things under guidance, and they were also able to test their knowledge in the Ham Rally, a technical scavenger hunt featuring 25 stations. Students were encouraged to try sending Morse code, and pass the QSL card quiz. ARRL participated in the Ham Rally, challenging young people to name and identify the US states.



The convention draws attendees from around the world. In this photo, ARRL Life Member and Diamond Club donor John Gagen, W2YR (middle) is flanked by President Rick Roderick, K5UR (left) and CEO David Minster, NA2AA (right). Gagen operates as HS0ZDJ when in Thailand.

"We were really happy with the way this year's exhibition went," said Christian Entsfellner, DL3MBG, Chairman of DARC.

A total of 392 participants, including 149 commercial exhibitors and international associations, as well as 243 flea market exhibitors, represented the unique diversity of amateur radio around the world.

Plans are already being made for next year's HAM RADIO to be held June 28 - 30, 2024. More information is available at [HAM RADIO](#).

See also ARRL's photo album from the convention on [Facebook](#).

FCC ULS System Restored

[The FCC Universal Licensing System](#) (ULS) has resumed operations, including the Electronic Batch Filing (EBF) system.

As of June 27, 2023, all systems have been reported to be working. However, visitors to the website will see a message referring them to *Public Notice* [DA-23-529](#) for additional information and guidance on filing deadline extensions.

The systems were first reported unavailable on June 9, 2023. On Friday afternoon, June 23, the EBF system was restored. All VEC organizations use that system for filing exam sessions, individual applications, and club license applications. ARRL VEC staff worked late into Friday night to ensure all backlogged sessions and application files were transmitted to the FCC before the weekend. Approximately 350 backlogged files were successfully submitted to and processed by the FCC before the system's normal shutdown at 8 PM.

ARRL is still monitoring the ULS, and any further updates will be available at [ARRL News](#).

The Big Bang Theory Antenna Lives On

An antenna that holds an important place in scientific history sits on a small parcel of land on Crawford Hill in Holmdel Township, New Jersey.

The antenna is known as the [Holmdel Horn Antenna](#), and it was built in

1959 by Bell Labs (now Nokia Bell Labs) researchers. It was originally designed to bounce radio signals off of reflective satellite balloons for long-distance communication. It worked, and the Holmdel Horn Antenna was no longer needed.



[Photo courtesy of Ken Barber, W2DTC]

It worked, and the Holmdel Horn Antenna was no longer needed.

Two Bell Labs astronomer employees, Arno A. Penzias and Robert W. Wilson, received permission in 1965 to use the antenna to search for radio transmissions in outer space. They pointed the antenna toward what was considered a quiet area, but what they discovered was anything but quiet. They discovered [Cosmic Microwave Background radiation](#), which provided evidence for the [Big Bang Theory](#).

Now, there is a historical marker at the site, but there has been some dispute as to who owns the antenna and surrounding land. In mid-June 2023, the Holmdel Township Committee voted unanimously to approve resolutions that will begin the process of acquiring two of the three parcels that make up the Crawford Hill property. The township committee is leaving the third parcel to be part of the redevelopment toward preserving Crawford Hill as a public park to celebrate the horn antenna's place in scientific history.

Visit the [Holmdel Horn Antenna](#) to learn more.

Two special event stations will be in operation beginning July 1, 2023. The [Annual 13 Colonies Special Event](#) will take place on July 1 - 7, 2023. The event honors the original 13 colonies, US independence, active military personnel, and veterans. All amateur radio operators are welcome to participate, including shortwave listeners. Certificates will be available for all participants. Each US state that was one of the original 13 colonies has a special call sign. All HF bands will be open, including the WARC bands (*with the exception of 60 meters*). Simplex on 2 and 6 meters is encouraged, and 40 - 160 meters is encouraged for stations on the southeast coast. All modes of operation may be used, including SSB, CW, RTTY, and digital. The mode of operation is up to the individual colony/state station. More information is available at the [Annual 13 Colonies Special Event](#) website and the [ARRL](#) website. Also, on Saturday, July 1, 2023, at 1400Z - 2000Z, the annual Colonial Williamsburg [Special Event station](#), K4RC, will be operated by the [Williamsburg Area Amateur Radio Club](#) on 7.265 and 14.265 MHz. A certificate and QSL card will be available for every contact. The

event celebrates the 247th anniversary of the founding fathers signing the Declaration of Independence in 1776.

The Harbin Institute of Technology (HIT) in China is developing a new lunar amateur radio satellite.

Lunar OSCAR II is a lunar amateur radio payload being developed by a team that consists of students from HIT and international amateur radio enthusiasts. Its baseline functions include telemetry, digital image downlink from an infrared camera, and a digipeater with JT4G uplink/downlink. It will also provide chances to upload and test new waveforms and algorithms for radio communications and measurements across very long distances. Amateur radio orbit determination experiments, like the Very Long Baseline Interferometry (VLBI), are also possible with these links. HIT has previously successfully developed the first lunar amateur radio satellite, Longjiang-2/DSLWP-B. As a subsequent mission, Lunar OSCAR II will continue offering various resources for communications relay and amateur radio research, and it will help promote amateur radio to communities. The Lunar OSCAR II payload will be onboard a lunar microsatellite with a volume of about 300x200x100 cubic millimeters and a mass of about 14 kilograms. It will utilize downlinks on UHF for telemetry and images by using 250/500 baud GMSK with turbo codes, as well as a digipeater that uses 4.375 baud FSK with convolutional coding (JT4G). More information is available at <https://by2hit.github.io/>. The satellite is planned to launch from Wenchang, China, in 2024. A downlink on 437.750 MHz has been coordinated.

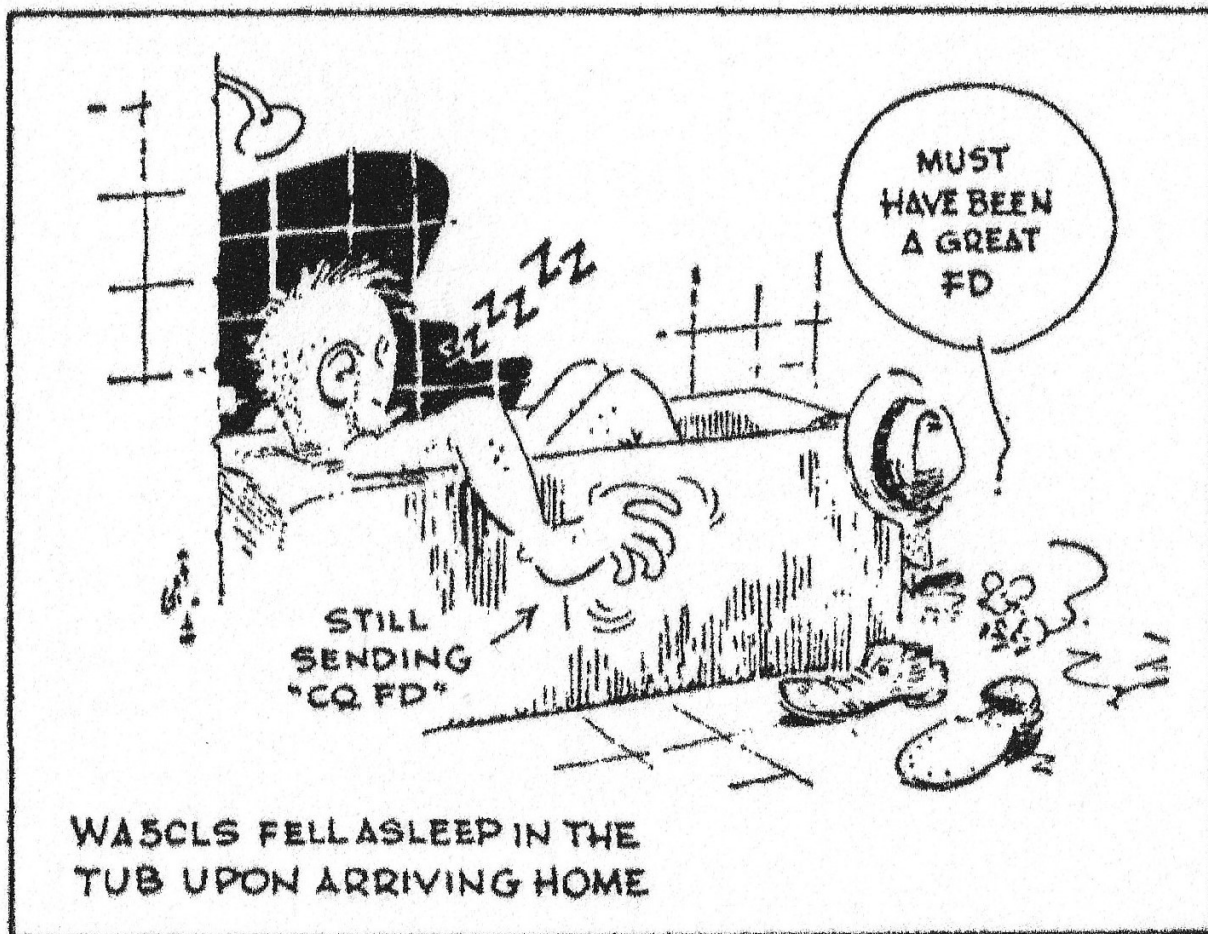
Thanks to the IARU and HIT for the above information.

Four members of the ARRL Headquarters staff are celebrating accomplishments in amateur radio this week.

In a test session held on June 28, 2023, ARRL Director of Development Kevin Beal, K8EAL; ARRL Learning Associate Eliza Croarkin, KC1TAP, and ARRL Social Media Specialist Alex Norstrom, KC1RMO, each upgraded to the General-class license. ARRL Development Operations Manager Christina Lessard passed her Technician-class exam and received the call sign KC1TDM. Alex (who scored 100% on the exam) is featured on the cover of the [ARRL General Class License Manual](#). ARRL also has manuals for the [Technician-](#) and [Amateur Extra-](#)class licenses



[L to R] Kevin Beal, K8EAL; Christina Lessard, KC1TDM; Alex Norstrom, KC1RMO, and Eliza Croarkin, KC1TAP, pose with their Certificates



**BARC Website, some Blog
page Titles******* Membership Dues*****

Even more than this on the website.

Feel free to view, comment and add.

Membership dues for BARC are due **January 1** every year. Membership dues are as follows and are almost the same as 2020: • Regular Member \$20.00 • Family Member \$2.00 • Associate Member (Non-Licensed) \$5.00 • Honoree Members \$0.00 • New Hams: Free first calendar year (Jan. to Dec.)

We are requesting that you send the application form in, so that we can have your correct information on file. The form can be downloaded at:
<https://n4pvh.files.wordpress.com/2020/11/application-for-membership.pdf>

Please give the application and dues to the Treasurer at the meeting or mail your dues, along with the member application form to:

Brightleaf Amateur Radio Club, P.O. Box 8387, Greenville, NC 27835

Or go to <https://w4amc.com/membership/> to use PayPal at the page bottom.

If there are any questions concerning membership status or dues, please contact Treasurer@w4amc.com.

Thank you for your continued support and participation in BARC.

****Renew/Join Now****
Help Support BARC.

HURRICANE AND EMERGENCY INFORMATION RESOURCES

National Hurricane Center
<https://www.nhc.noaa.gov/>

Tropical Tidbits (current forecast models)
<https://www.tropicaltidbits.com/>

Active Red Cross Shelters
maps.redcross.org/website/maps/ARC_Shelters.html

Red Cross Safe and Well
www.redcross.org/get-help/disaster-relief-and-recovery-services/contact-and-locate-loved-ones.html

Facebook Safety Check
www.facebook.com/about/safetycheck

Hurricane Watch Net
hwn.org

VOIP Hurricane Net
voipwx.net

Amateur Radio at the National Hurricane Center
www.WX4NHC.org

FEMA - Federal Emergency Management Agency
www.fema.gov

Ready.gov - Plan ahead for disasters
www.ready.gov

Hurricane Central - The Weather Channel
<https://weather.com/storms/hurricane>

Nets to Know

[Caribbean Emergency Weather Net](#) - Meets daily at 1030Z and 2230Z on 3815 kHz.

[Hurricane Watch Net](#) -- 14.325 MHz, 7.268 MHz -- Activated whenever a hurricane is within 300 nautical miles of expected landfall. Dis-

seminates storm information and relays meteorological data to National Hurricane Center via embedded NHC station WX4NHC. Also relays post-storm damage reports and other relevant information.

[Intercontinental Net](#) operates from 7 AM to noon US Eastern Time on 14.300 MHz, providing a means of emergency communications to any location where normal communications are disrupted.

[Marine Maritime Services Net](#) -- 14.300 MHz -
- The network acts as a weather beacon for ships during periods of severe weather and regularly repeats high seas and tropical weather warnings and bulletins from the National Weather Service and the National Hurricane Center.

[Salvation Army Team Emergency Radio Network](#) (SATERN) -- 14.260 MHz -- The purpose of the SATERN net is to support the Salvation Army operations in local, regional and international disaster situations. - *ARRL US Virgin Islands Section News*

WinLink Nets and Practice

Great Lakes Area Winlink Net

A new Great Lakes Winlink Net to promote the use of Winlink and training on the various facets of the hybrid amateur radio data/internet system. The net is open primarily to those states that border any of the Great Lakes: Minnesota, Wisconsin, Illinois, Indiana, Michigan, Ohio, Pennsylvania, and New York, and the Canadian province of Ontario. However, radio amateurs wishing to check in from other states or provinces anywhere are welcomed to participate. This net is modeled on the [Wisconsin ARES Winlink net](#).

The net check-in process is as follows: Send either a basic, plain text message, or use any of the forms templates on the Winlink Express platform available that will allow you to include the following line of text in the body of the message or in an appropriate part on the form you choose to send: FIRST NAME, CALLSIGN, CITY, COUNTY, STATE, COUNTRY. For example: RYAN, KB8RCR, REMUS, MECOSTA, MICHIGAN, USA.

The net is on each Wednesday, amateurs may send their messages or forms any time during the day using Winlink in any mode available, RF or via Telnet. Send your message to KB8RCR as the recipient on Winlink. - *Ryan Lughermo, KB8RCR, ARRL Assistant Section Emergency Coordinator for Data Management/Special Projects, Michigan Section; and Official Relay Station From ARES*

March 2021 Newsletter (Editors Note: Great way to learn and practice)

The EmComm Training Organization (ETO) will continue the popular Winlink Thursday exercises to foster Winlink-knowledgeable operators across the country. Procedures will include a weekly exercise for routine practice with a fourth Thursday exercise of a more challenging nature. Exercises will almost always include a Winlink Express Check-in form. Please [send questions about Winlink Thursdays](#). Questions about the ETO group can be sent [here](#).

The Canadian American Net ([CANAM](#)) aims to unite hams in the Eastern US and Canada. Some 40 amateurs from Canada and the US typically check in for each session, and the net accommodates CW and SSB. The Canadian-American Net operates 7 days a week on 7.153 MHz, with check-in starting at 1300 UTC.

Recommend: Programming your local Emergency Simplex frequency's into your Radio's. It's easier now than when you need them. Brightleaf Amateur Radio Club uses the Repeater frequency in Simplex in case of Repeater failure.

National Hurricane Center
[Voice over Internet Protocol \(VoIP\) Hurricane Net](#), Nets:
14.325MHz, 7.268MHz

NETS

VHF/UHF

- ◆**BARC Net**, Mondays, 2000 on 147.09 MHz, W4GDF Repeater.
- ◆**Down East Hospital Net**, 2nd Tuesday of each month at noon
Greenville 444.725 MHz, 91.5 tone
N4HAJ, Traffic Net 2030 local
Fountain 444.425 MHz, 88.5 Tone
N4HAJ
- ◆Newport-145.450..... IRLP 8561 links to Columbia
- ◆Jacksonville-147.000- 88.5 tone
- ◆Oriental-147.210-151.4 tone
- ◆444 Newport-444.825- 88.5 tone
- ◆Swansboro-146.760- 88.5 tone
- ◆Grantsboro-145 230 - 85.4 tone.
- ◆Kinston Amateur Radio Society Net, 1,3,4 Tuesdays, 2000 hrs. on 145.47 MHz., W4OIX repeater in Kinston.
- ◆Eastern North Carolina Traffic Net, Every night, 2030 on 444.725-91.5 tone.
- ◆Wilson Amateur Radio Club Net, Thursdays @ 2000 on 146.76 MHz.
- ◆ Piedmont Coastal Traffic Net, Nightly 2030 on 444.725MHz, 91.5 tone
- ◆Carteret County ARS (CCARS) Emergency Net, Tuesdays, 1930 on the Newport 145.45 (-) MHz, tone 100
- ◆Coastal Emergency Linking Net, Wednesday, 2100 ET on Ahoskie 145.13, Buxton 145.15, Columbia 146.835 & 443.30, Elizabeth City 146.655, Greenville, 145.35, Hertford 147.33, Williamston 145.41 & 444.25
- ◆ 220 Net, Wednesday 2000hrs, 224.840 MHz -1.6, PL 91.5
- ◆ PARC Bath Repeater 146.955 PL Tone 131.8 1st Thursday of month at 2000 hours

HF

- Tar Heel Emergency Communications Net on 3923 kHz Nightly 1930.
- PARC Tuesday net 3.807Mhz SSB 1900 hours(EST)
- NTS CW Nets**
- ◆3.571 2000 hours, slow speed (5-8 wpm) Carolinas Slow Net
- ◆3.573 1900 hours, high speed (20wpm)
- ◆3.573 2200 hours, slow speed (12-14 wpm), South Carolina/North Carolina
- National Traffic System**
- Eastern North Carolina Traffic Net (ENCTN)
146.685 (146.085 in) MHz (PL 88.5)
2030E

More Nets:

New Swap and Trade Net - There will be a new swap and trade net starting up on 6 meters 53.25 N4YR repeater -1.0 MHz, tone is 100 Hz at 8PM.

Thursdays: 8:30 PM Forsyth County Auxcomm net on 145.47 MHz. 3rd Thursdays are training programs on Zoom at 8:00PM.

Thursdays: 9:00 PM 2 Meter SSB on 144.200 MHz

Sundays: 8:30 PM 6 meter SSB net on 50.155 MHz

Sundays: CW Legacy Net every Sunday from 12:30-1:45 p.m. every Sunday afternoon on 7.060. All speeds and brands of rigs welcome. Net control: Rick, WO8L

Tar Heel Emergency Communications Net on 3923 kHz Nightly 1930.

South Carolina/North Carolina National Traffic System CW Nets 3.571 2000 hours, slow speed (5-8 wpm) Carolinas Slow Net 3.573 1900 hours, high speed (20wpm) 3.573 2200 hours, slow speed (12-14 wpm),

Ten-Tec Legacy

The nets operate on: Ten-Tec Legacy SSB 3.927 MHz on Saturday morning from 6:00 am until 9:30 am

7.195 MHz on Sunday afternoon from 1:30 pm until 3:30 pm

Any radio type is welcome. Netlogger is the preferred check-in method but CQ calls are made for those that don't have access to Netlogger. More information can be found at www.groups.io (search for Ten-Tec Legacy nets).

Virginia EmComm (A Winlink practice group)

This is a Facebook Group that practices Winlink and other related modes every Wednesday. Many Hams

all over involved. All are invited to take part in it.

Ham Ads



Ham Ads will be run, free of charge in Ham Chatter for three months for each renewal. Ads must be received by the last week of the month to be included in the following issue. Send ads to: **Ham Chatter, PO Box 8387, Greenville, NC 27835. Or Email the Ham Chatter.**

Used Radios and equipment for Sale or Buy:

Antennas for Sale

Little Tarheel II with mount. \$150

Hustler 6BTV Vertical Antenna \$100

offered by Kirk Blackmon N5NC in Washington, NC, Contact: n5nc@msn.com

Cushcraft R-7 vertical antenna,

In very good condition, works very well, covers 10-40m.

I want to give it to a new ham who is working to get onto the HF bands. Will help install. Free to a good home.

Gary Faust NG9T in Blounts Creek.

gfaust1963@gmail.com

March 2023

Roof Tower for sale

I have a nine foot Glen Martin roof tower in storage at Advance Moving in Winterville. Rather than move it I'll take any reasonable offer for it. No shipping. Pick up at the warehouse. Payment via PayPal only.

Thanks.

Harry
K8HP

(Sorry folks, Contact info was not passed on to the Chatter)

June 2023

I am dealing with an estate containing several table model and console BC sets. Please help me connect with anyone in our area who may be interested



in these. I doubt there are any hidden gems, but it's not my field. There are also some low frequency ARC-5 receivers, two SX-42, and one R42 speaker. email: infomet <at> embarqmail <dot> com

Thanks, Wilson, W4BOH

LOST AND FOUND

At the WS Hamfest, someone bought a Zenith Radio and forgot to pick up the back panel. I am unsure of the exact model,



but it will be like the one in the picture. If that was you contact dedwards <at> dwepe <dot> com. I am holding it for you.

YAESU FT-450



Yaesu FT-450D, bought as an open box sale from HRO. This has been my backup and Field Day radio since purchased. Comes with everything that was originally shipped from the factory plus cables to run FT8 etc. without a SignalLink, Rigblaster or similar external interface. \$525. Bill, w4ext@outlook.com or 336-239-8023.

ICOM IC-7300



Icom IC-7300. I'm the third owner. I bought it to scratch an SDR itch that's now scratched. Comes with everything that was originally shipped from the factory plus the SP-38 external speaker, carrying handle and a copy of the Nifty IC-7300 manual. \$900. Bill, w4ext@outlook.com or 336-239-8023.

For sale: MFJ-618, SPEECH INTEL. DUAL CH. ENHANCER

Includes instruction book. New price from MFJ, **\$334.95**.

Requires MFJ-1316 PS 12 VDC, 1.5 A or equivalent.

<https://mfjenterprises.com/products/mfj-618>

Includes Sony MDR-XD100 Stereo Headphones, New Amazon price, **\$98.95**

Looks like none of above has ever been used.

Bought from an estate but didn't have room for it on my desk.

\$60 for all above.

Email: w4ydy@arrl.net

7/1/23

West Mountain Radio RIGblaster Pro

Includes instruction book. New price was **\$299.95**.

http://www.westmountainradio.com/product_info.php?products_id=pro_comp_usb

Works with any radio. Presently set up for Icom. Looks like new.

Single radio interface to a PC with Rig control

CW, FSK RTTY, AFSK for RTTY and all digital modes.

Bought from an estate but never used it. My homebrew unit was already working.

eHam reviews: <https://eham.net/reviews/view-product?id=3126>

\$50 for RIGblaster Pro

Email: w4ydy@arrl.net

7/1/23

Ham Ads

Commercial Ad Rates

1/8 page, Business Card Size
 \$10 per Month - \$100 per Year
 Send ads to: **Ham Chatter,**
PO Box 8387, Greenville, NC 27835
 Help support *Ham Chatter* and the club.
Donations accepted!

No Charge for Ham's selling or looking for items.

How to print a copy of your FCC License

by Jim, KV4SJ

To access an official copy of your license:

1. Go to: [HTTPS://wireless2.fcc.gov/UIsEntry/licManager/login.jsp](https://wireless2.fcc.gov/UIsEntry/licManager/login.jsp)
2. Log in with your FRN and password. (Also has links to find or get your FRN.)
3. Click on "Download Electronic Authorizations" in the links on the left hand side.
4. Select your call sign in the box labeled "My Authorizations" and click on the Add button to copy it into the "Authorizations to Download" box.
5. Click on the Download button to download an official copy of your license in PDF format.
via Forsyth ARC Newsletter, August 2020

BARC on FACEBOOK

<https://www.facebook.com/w4amc/>

Facebook and Group details

<http://www.w4amc.com/barcnews.html#BARC>

Pitt County Repeater Association

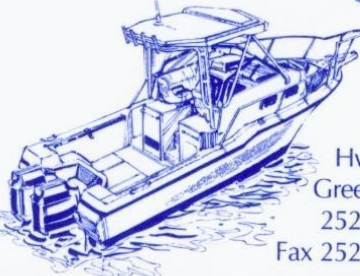
<http://www.pcra.us/>

Monday & Monday, CPA's, PA
 Certified Public Accountants

TERRY A. MONDAY, CPA, CVA, EA
K4ZYD

105-D East Victoria Ct. Phone (252) 321-6007
 Greenville, NC 27858 Fax (252) 321-2991

MARK'S MARINE, INC.



Mark Langley
 Mike Langley
KD4MTT

Hwy. 33 East
 Greenville, NC
 252 758-3309
 Fax 252 758-1396



East Carolina Retina
 CONSULTANTS

Peter Van Houten, M.D.
 2501a Stantonsburg Road
 Greenville, NC 27834
 252-758-2402
<https://ECRetina.com>

CALENDAR OF EVENTS

Contest, Events and Meetings

2023 Starts Here: Just some of the MANY contests and Events

July 1-7 [Annual 13 Colonies Special Event](#)

July 1 -- RAC Canada Day Contest (CW, phone)

July 1 -- Venezuelan Ind. Day Contest (CW, phone, digital)

July 1 - 2 -- NZART Memorial Contest (CW, phone)

July 1 - 2 -- Marconi Memorial HF Contest (CW)

July 1 - 2 -- Original QRP Contest (CW, phone)

July 3 -- RSGB 80m Club Champ (CW)

July 4 -- ARS Spartan Sprint (CW)

July 5 -- VHF-UHF FT8 Activity Contest (FT8)

July 6 - 7 -- Walk for the Bacon QRP Contest (CW)

July 6 -- NRAU 10m Activity Contest (CW, phone, digital)

July 6 -- SKCC Sprint Europe (CW)

July 7 -- NCCC RTTY Sprint (digital)

July 7 -- NCCC Sprint (CW)

July 8-9 [IARU HF World Championship](#)

July 11 BARC Meeting

July 15 BARC Breakfast

July 13 **Pamlico** Meeting 7pm

July 25 BARC Board 7pm Zoom

Aug 5-6 [222 MHz and Up Distance Contest](#)

Aug 8 BARC Meeting 6:30pm

Aug 12 BARC Breakfast 9am

Aug 12-13 [EME - 2.3 GHz & Up](#)

Aug 10 **Pamlico** Meeting 7pm

Aug 19-20 [10 GHz & Up – Round 1](#)

Aug 20 [Rookie Roundup – RTTY](#)

Aug 29 BARC Board 7pm Zoom

Sept 9-10 **Bike MS: New Bern**

Sept 12 BARC **Picnic, Dave Woods** 6pm

Sept 16 BARC Breakfast 9am

Sept 14 **Pamlico** Meeting 7pm

Sept 26 BARC Board 7pm Zoom
 Oct 10 BARC Meeting 6:30pm, **Speaker:** Dale Burmester, About FT8 Digital mode.
 Oct 14 BARC Breakfast 9am
 Oct 12 **Pamlico** Meeting 7pm
 Oct 20 - 23 Scouting Jamboree on the Air
 Oct 31 BARC Board 7pm Zoom Reports please for the Chatter
 Nov 14 **BARC Meeting and Elections for Board, 6:30 pm**
 Nov 9 **Pamlico** Meeting 7pm
 Nov 18 BARC Breakfast 9am
 Nov 28 BARC Board meeting 7pm
 Dec 14 **Pamlico** Meeting 7pm
 Dec ? BARC Christmas Party, TBA
 Dec 26 BARC—No Board Meeting

2024 Starts Here:

Contest Calendar: For more Contest and all the rules:

<https://www.contestcalendar.com/weeklycont.php>

Visit the [ARRL Contest Calendar](#) for more events and information.

Bruce Horn, WA7BNM, [Contest Calendar](#) website. The site now includes a [5-Week Calendar](#). There's more than I could post available.

BARC Meetings are open to all.

BARC Regular Meeting - 2nd Tuesday @ 6:30 PM Live and Zoom

BARC Board Meeting - Last Tuesday @ 7:00 PM ZOOM Except in December.

Year-long -- [ARRL Volunteers On the Air \(VOTA\)](#). See also the State Activations Schedule for weekly [W1AW Portable Operations](#) including these:

- June 28 - July 4 -- Maryland W1AW/3
- June 28 - July 4 -- Illinois W1AW/9
- July 5 - July 13 -- Hawaii W1AW/KH6
- July 12 - July 18 -- Wisconsin/W1AW/9
- July 12 - July 18 -- Utah/W1AW/7
- July 12 - July 18 -- American Samoa / W1AW/KH8

CALENDAR OF EVENTS

Upcoming Section, State, Division Conventions and Hamfest

2023:

July 8, [SVARC Summer Hamfest Minot](#), hosting the ARRL North Dakota Section Convention, Minot, North Dakota

July 8, Salisbury Hamfest <https://rowanars.org/>

July 15, [SEARC Tailgate Hamfest](#), hosting the ARRL South Dakota Section Convention, Sioux Falls, South Dakota

July 15, Cary Hamfest. Information can be found at <https://caryarc.org/events/swapfest/>

July 29, Western Carolina Amateur Radio Society Hamfest, Haywood County Fairgrounds (often referred to as the Waynesville Hamfest). Info can be found at <https://wcars-club.org/hamfest-annual/docs/hfnotice.pdf>

July 29, [CVARC 2023 Hamfest](#), hosting the ARRL Pennsylvania State Convention, Chambersburg, Pennsylvania

July 29, [ARRL West Virginia State Convention and Ham Fest](#), Sutton, West Virginia

August 12, Cape Fear Amateur Radio Society Swapfest, Cumberland County Shrine Club, Fayetteville. Info can be found at <https://cfarsnc.org/swap-fest> .

August 12 - 13 | [2023 ARRL Rocky Mountain Division Convention](#), Albuquerque, New Mexico

August 25 - 27 | [Northeast HamXposition](#), hosting the ARRL New England Division Convention, Marlborough, Massachusetts

September 1-3, Shelby Hamfest, Cleveland County Fairgrounds. Info posted at <http://www.shelbyhamfest.org/> .

September 9-10, during which we will attempt to activate all 107 state parks cross North Carolina. Zach Thompson (KM4BLG) is the event leader. Information on the event can be found at <https://ncpota.org/> A listing of the various state parks in North Carolina can be found at <https://ncpota.org/park-list/> . This will be a great event that gets hams on the air across the State and give operators an opportunity to visit and operate from our beautiful parks.

September 10, [ARRL Southern New Jersey Section Convention and Hamfest](#), Mullica Hill, New Jersey

September 22 - 23, [HRO Superfest](#), hosting the ARRL Wisconsin State Convention, Milwaukee, Wisconsin

September 23, [Red River Radio Amateur's 2023 Hamfest](#), sponsoring the ARRL Dakota Division Convention, West Fargo, North Dakota

September 23, [Spokane HAMFEST](#), sponsoring the ARRL Washington State Convention, Spokane Valley, Washington

Sept 23, 2nd Annual Lexington Hamfest. Hosted by W4PAR Healing Springs Mountain VHF Society. 8am – 1pm, setup starts at 5am. 366 Livestock Market Road, Lexington, NC 27295. WWW.w4par.org \$5 admission, \$10 table. VE Testing at 9:30 am, contact kk4rr@mac.com

Oct 7, Rockhill, SC Hamfest <https://www.ycars.org/hamfest>

Oct. 14, Winston-Salem Fallfest. 7am to 11:30am, Talk
-in 145.47 -0.6, \$5 admission and \$5 Tailgating
(limited space). Robinhood Road Baptist Church, 5422
Robinhood Road, Winston-Salem, NC W4NC.COM