

# Ham Chatter



Volume 57 Issue 6

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June 2023

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**BARC General meeting June 13, 6:30pm (Possible ZOOM at 7pm.**  
*All members, families and guests are invited to attend.*

Oakwood School,  
4000 MacGregor Rd, Greenville, NC

**Speaker:**

**Field Day Planning**

Walking grounds at 6:30pm then Zoom at 7pm

**Oct 10, 2023 Speaker:**

Dale Burmester

About FT8 Digital mode.

**BARC Board Meeting - June 13 2023. The meeting will be on ZOOM at 7:00 PM.** All members invited. See Zoom information.

## 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.

**As of May 3, 2023, all amateur radio operators** must evaluate their station for RF exposure and keep this form in your records in case of a FCC audit. It's on the honor system but all it takes is one person reporting your antenna and the FCC may check if you did your evaluation or not.

## Brightleaf Amateur Radio Club

### Field Day

Location:

Oakwood School,

4000 MacGregor Rd, Greenville, NC.

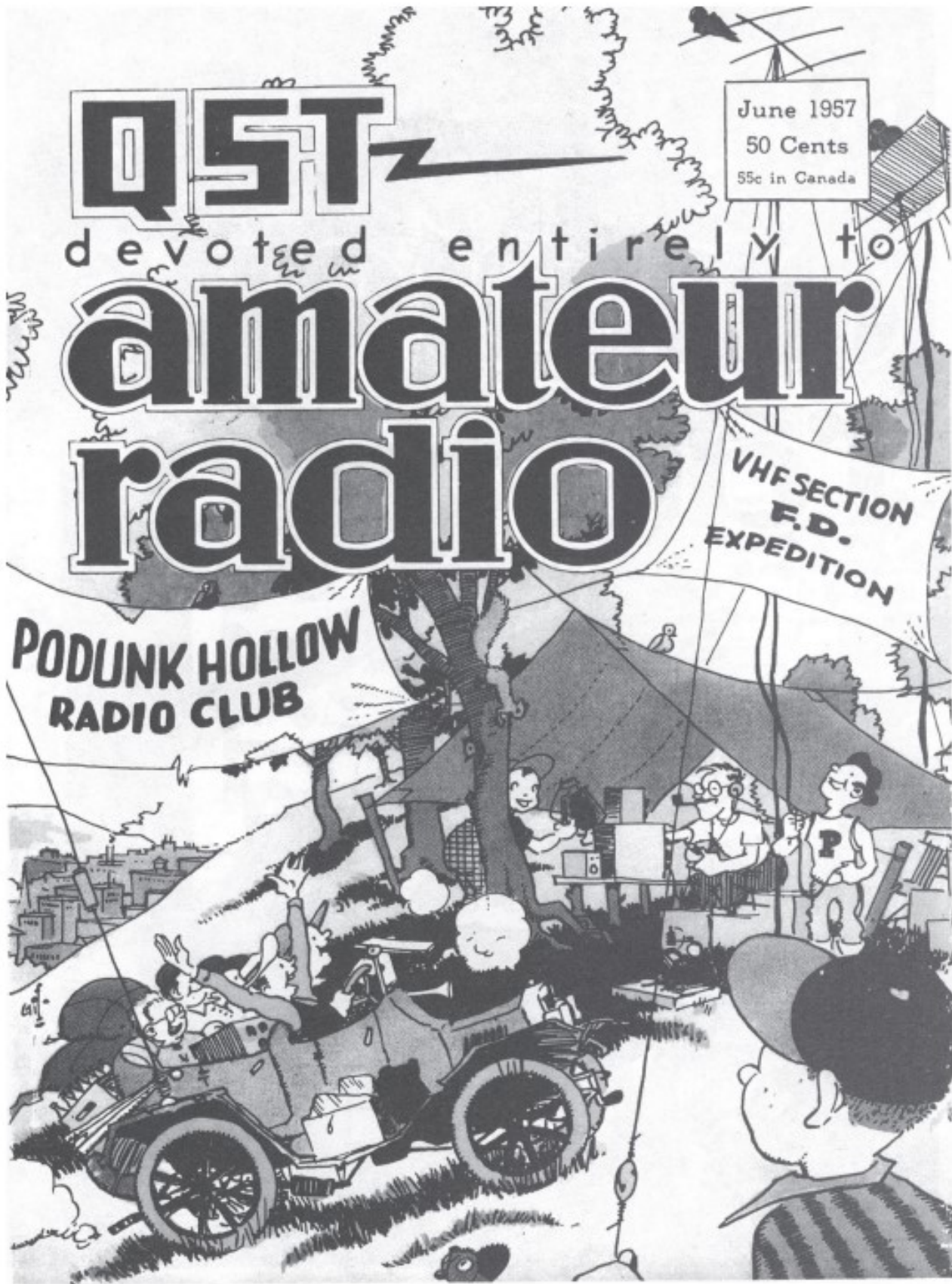
Set up 9am Saturday

## ELMERS WANTED

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

Please contact [hamchatter@w4amc.com](mailto:hamchatter@w4amc.com)

A list will be made of those willing to help and in what area for those looking for help.



June, 1957

## 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>).

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## Event Help needed

Hi everyone,

Just a friendly reminder about the upcoming Spring Fling on Saturday, June 10, 2023. This year, the event is located at the Hugger Mugger Brewery in Sanford, NC. We still need one volunteer for a rest stop and seven SAGs. If you can join us for this event, please sign up at the [HPSNC.org website](https://HPSNC.org).

I hope to see you at the Fling.

73,

Jeremy – K2HJX

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<https://www.wilkersonfuneralhome.com/obituaries/Roberta-Bobbie-Gainer-Parsons?obId=27988872#/celebrationWall>

Bobbie Parsons, mother of Bonnie Parsons Pulver, KG4CZW passed May 21. Bobbie was the wife of Tom Parsons, W4TEP, (SK in 2018). Tom was a BARC honorary Life member, served as BARC President twice and was VE Liaison for many years. Bonnie was a former BARC Secretary and her husband, Dave Pulver, KG4CZW, was a former BARC President and Treasurer. Bonnie and Dave are still members of the club.

Bobbie was a longtime Pitt County animal adoption advocate and she also was a friend of BARC and participated in BARC family activities. More about her activities are at <https://www.witn.com/2023/05/24/longtime-pitt-county-animal-adoption-advocate-dies/>

Bobbie was on TV almost every Friday morning just before 7 AM with pets to adopt. Occasionally Bonnie would fill in for her if Bobbie was not available.

BARC offers its condolences to Bonnie and the family.

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### **Animal rescue groups mourn loss of advocate Bobbie Parsons : The Daily Reflector**

Local animal rescue groups are mourning the loss of well-known advocate and animal welfare pioneer Bobbie Parsons. Parsons, who died Sunday at age 90, spent decades working for various animal rights causes in Greenville and Pitt County. Though she served as an animal cruelty investigator and fostered countless numbers of pets awaiting adoption, she is perhaps best known for running the local Humane Society out of her Fire Tower Road home for 20 years. "Our community lost an amazing person today who lived her whole life advocating for the animals and truly made the world a better place for both people and animals," former Pitt County Animal Services Director Michele Whaley wrote in a tribute on social media. Parsons served as president of the Pitt County Humane Society for 25 years, and its facility on Tupper Road was named in her honor. Though she and what is now known as the Humane Society of Eastern Carolina parted ways in 2003, Parsons continued her advocacy work with other local animal welfare groups. She later helped to found Pitt Friends, a nonprofit organization whose volunteers foster animals from the local shelter as they await adoption. "This county has lost one of the biggest animal advocates ever," Pitt Friends President Sherry Sheldon posted on the group's Facebook page. Parsons, who served for years on the board of directors for Pitt Friends, also served on the original board for Saving Graces 4 Felines, a nonprofit organization formed to help stray, abandoned and feral cats. SG4F President Joanne Elkins said Parsons was an inspiration. "Saving Graces 4 Felines will always hold Bobbie Parsons dearly in our hearts," she said. "Each of us has said at some point that we hoped we would be able to follow in her footsteps and do as much for the animals as she has done." Pitt Friends last month posted a notice on its Facebook page to request cards for Parsons who was in declining health. More than 100 people responded, requesting an address for mailing. Treasurer Jennifer Schultz delivered dozens of cards to Parsons. "I took them with me and read them to her and left them for her family to read, and they displayed them for her to see," Schultz said. "She enjoyed all the cards and kind words that I read to her and they started conversations and stories during my visits." Tributes continued on the rescue group's social media on Monday, with people writing messages honoring Parsons' work and even posting pictures of dogs and cats they adopted from organizations she served. Others recalled seeing Parsons in animal adoption segments on TV. For years, she brought dogs and cats to the newspaper office and local television stations to be photographed and filmed in the hopes that such exposure would lead to their adoption. Parsons, whose given name was Roberta, was known to friends as Bobbie. She was married for 66 years to her husband, Tom, before his death in 2018. The couple had three children and several grandchildren and great-grandchildren. Daughter Bonnie Pulver followed in her mother's footsteps, serving for decades in animal rescue. Pulver focused her efforts on fostering and adopting rabbits before she retired in 2018. Copyright (c) 2023 Greenville Daily Reflector, Edition 5/25/2023 Powered by TECNAVIA Copyright (c) 2023 Greenville Daily Reflector, Edition 5/25/2023 An obituary for Bobbie Parsons appears on page A5. Thursday, 05/25/2023 Page .A03 Honoring legacy Pitt Friends will host an adoption and donation drive Saturday from 11 a.m. to 3 p.m. at Petco, 3060 Evans St. No. 105, in honor of the organization's founder, Bobbie Parsons. Pitt Friends hopes to make this drive all about her legacy with animal welfare. Stop by and see some adoptable dogs and meet fosters/ volunteers. Adoptable animals also can be viewed at [www.PittFriends.com](http://www.PittFriends.com)

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May 5, 2023 Monday

Dear Roanoke Division Members:

It is with great sadness that we report the passing late Sunday evening of South Carolina Section Manager Marc Tarplee, N4UFP. Marc was airlifted ten days ago to the Medical University of South Carolina (MUSC) in Charleston, SC, after suffering sudden neurological symptoms. There he was diagnosed as having an aggressively growing and inoperable brain tumor. Marc passed away with his wife, Lee W7LEE, and his daughters Austin and Marley by his side.

After many years as a shortwave listener (SWL), Marc became licensed in 1988. He was an avid CW operator and was chasing ARRL's Fred Fish W5FF Memorial Award of working all 488 Maidenhead grids in the continental U.S. via VHF/UHF. At the time of his passing he had over 420 grids confirmed. He also enjoyed 160 meters, and particularly relished working the Top Band from a large piece of marshland he owned on the South Carolina coast where he had the space to run a full wave Beverage antenna. Both a committed DXer and contester, Marc could be found from 160 meters to 23 cm.



Marc Tarplee, N4UFP, (SK). [Photo courtesy of ARRL South Carolina Section.]

Marc served as the South Carolina Section Technical Coordinator (TC) for seven years before becoming the South Carolina Section Manager in 2010.

He was the longest serving current Section Manager this century in the Roanoke Division. He was a member of the York County Amateur Radio Society (YCARS), the Carolinas DX Association (CDXA), and a founding member of the York County Contesters Group.

Marc recently retired as the Chief Financial Officer (CFO) of York Technical College in Rock Hill, SC. He completed his undergraduate degree in physics at the State University of New York (SUNY) at Brockport, then pursued a M.Sc. at the Rochester (NY) Institute of Technology. He earned his Ph.D. in electrical engineering from the University of South Carolina, where he did extensive research on efficiency in semiconductor processing.

A personal note from Jim, N2ZZ: Marc's service to the South Carolina section was legendary. He served as Technical Coordinator prior to my successful election as Section Manager in 2003 and continued in that position throughout my tenure. When I was elected to the ARRL board to start in 2010, I was looking for a replacement. As I was considering candidates, Marc came to me and wanted to give it a shot. I admitted to him that I did not even consider him at first, but that he was absolutely the right person for the position. He has served as the South Carolina Section Manager from 2010 to the present.

A memorial service for Marc will be held at The Learning Commons in Building "L" at York Technical College, 452 South Anderson Rd., Rock Hill, SC 29730 on Saturday, May 20th at 1:00 PM. Please hold Marc's family in your prayers.

73, Jim Bohner, N2ZZ Roanoke Division Director and Bill Morine, N2COP Roanoke Division Vice Director

## 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](http://www.hamradioPrep.com)  
[HamStudy.org](http://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 :

06-11	WA4SLC	Bill
06-12	n/c	Lindalee
06-20	KN4VJR	David
06-27	W4JNC	Richard
07-04	K4KK	David
07-12	KG4CZW	Bonnie
07-24	WA4MOK	Bernie
07-29	W4YDY	Dave

Please let me know of any additions or corrections. If yours is missing, I don't have it! Email

## 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.*

## Presentation Ideas Needed

Please send ideas of new presentation topics and presenters to our VP Judy W3JUJ

Email: [info@w4amc.com](mailto: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.

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## BARC's President's Corner, Beth, KN4FZB



Hello my ham friends and happy June.

Field Day is drawing near, please plan to attend! Stop in at Oakwood and take a turn on the radio, or just meet up for dinner or breakfast. And we would greatly appreciate help with set up and break down too. The general meeting on Tuesday, June 13 will be devoted to the details.

June is also the start of hurricane season for us. Are you ready? Do you have your important documents backed up and in a portable format? Do you have water for drinking, cooking, and hygiene stored up? Do you keep your gas tank topped off? Do you have some shelf-stable food and a way to cook it? Do you have some cash? Have you done a home inventory for insurance purposes? Do you have a check-in plan with your family and friends? Are you mentally prepared for an adventure?

Click this link for a list of the names that will be used this hurricane season and some tidbits of information about each name. <https://weather.com/storms/hurricane/news/2023-05-04-2023-atlantic-hurricane-season-name-list>

Here's a challenge: Most preparedness sites advise to store one to three gallons of water per person, per day. Simulate a post-hurricane water outage. For one day, don't use your faucets. Try to only use a gallon jug (per person) for your water needs. The next day, try the three gallon limit. Check in to the Monday night net sometime and let us know how it went.

If you are a Wordle fan, you might like the new(ish) game HAMWORD. It is very similar to the famous Wordle game, but played via Winlink. Hams from all over the world are playing. You need to have your Winlink account set up, but you can play via the internet if you are still tweaking those radio interfaces. Check out [https://winlink.org/content/play\\_hamword](https://winlink.org/content/play_hamword) for complete instructions. And here is the Wordle if you want to give it a go also (no account necessary). <https://www.nytimes.com/games/wordle/index.html>

73s  
Beth KN4FZB

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**Brightleaf Amateur Radio Club  
Board Meeting on Zoom 5/30/23**

**Prepared by Peter Van Houten, N4PVH, Secretary and edited by Susan Jones WA4AKB**

**Attendance**

Voting Board members: (need 4)

- ◆ President: Beth González KN4FZB
- ◆ VP: Judy Taber, W3JUU
- ◆ Secretary: Peter Van Houten N4PVH,
- ◆ Treasurer: Dave Wood, W4EJ
- ◆ Trustee #1: Bill Dawson, W4SLC
- ◆ Trustee #2: Scott James K9SPJ

Non-Voting Committee Members:

- ◆ Gerald KN4CKL, VE
- ◆ Webmaster: Peter Van Houten N4PVH,
- ◆ Ham Chatter Editor: Mark Raysin, KG4GVJ
- ◆ Susan Langley-Jones, WA4AKB
- ◆ Dave Langley W4YDY

**Treasurer's Report**

Dave, W4EJ: Treasury: \$3565.91

**Expenses:**

- ◆ Beth – will be sending request for refund for SK Memorials
- ◆ New SK: Bobbie Parsons, mother of Bonnie Parsons Pulver KG4CZW and Wife of Tom Parsons, W4TEP; According to Dave, W4YDY, obituary requests donations to the Humane Society. (note: see <https://www.wilkersonfuneralhome.com/obituaries/Roberta-Bobbie-Gainer-Parsons?obId=27988872#/celebrationWall> for requested address.)
- ◆ Upgrade battery & solar to trailer. Need estimate from N4PVH.

**Meetings:**

Judy, W3JUU

- ◆ June: Field Day prep at Oakwood. Zoom recording via the steady-handed Peter, N4PVH (more later)
- ◆ July: Dave Wood coordinating w Murray Adams about Dxpeditons
- ◆ August by Judy: Possible Sky Warn class – Judy is working with local SKYWARN rep, Eric. If he's not available, may be able to get Virginia Enzor, W4VA. There is a protocol and Eric needs to sign off on it.
- ◆ Sept: Picnic & swapfest.
- ◆ October: Dale Burmester: FT8
- ◆ November: Repeaters – Scott James & Elections
- ◆ December: Christmas Party.

At the ARRL forum at the Raleigh Hamfest, Jim Boehner, N2ZZ, Director of the ARRL Roanoke Division stated that there are videos available from ARRL for club programs.

**Ham Chatter:**

Mark:

Ham chatter will be ready for the first. Index being created.

**Trustee:**

Bill:



**FCC renewal for W4AMC**

Working on renewal. FRN# 0001510130 Has contacted ARRL and will be on phone with FCC tomorrow.

- ◆ W4AMC – 06/01/2023
- ◆ W1VOA – 04/28/2028
- ◆ W4UHS - 01/19/2026

In the future, documents should be kept in the BARC file box passed to the president when elected. (Beth - This include web page passwords –especially if our webmaster insists on sailing in hurricane conditions.)

{After Notes: <https://apps.fcc.gov/cores/searchDetail.do?frn=0001510130> lists Tom Parsons But the licenses list Bill as the Trustee.

Note – Did Bill look at <https://www.fcc.gov/licensing-databases/fcc-registration-system> □ [cores/commission-registration-system-video-tutorials](https://www.fcc.gov/licensing-databases/fcc-registration-system) }

**New members:**

The following were approved for membership. Beth will send them a welcome letter including invitations to upcoming events.

- ◆ Phillip Dale, KQ4IGY
- ◆ Mariana Phelps KD4FWX
- ◆ Alan Phelps KD4ZAZ

**Field Day:**

- ◆ Planning at regular meeting on Tuesday, June 13 at OAKWOOD SCHOOL, 4000 MacGregor Downs Rd, Greenville, NC
- ◆ Will do a Saturday prep day 6/17/23 after Breakfast at Great Harvest starting at 9am, then go to Emerald Hill Farm. Entrance on Race Lane off of NC Hwy 222.
- ◆ Meet for setup at the OAKWOOD SCHOOL starting at 9am of Field Day, June 24.
- ◆ Will ask if Dave Wood can do an educational session (bonus points).
- ◆ North Carolina Section Manager Marv Hoffman, WA4NC is traveling the eastern part of the state this year and will drop by for a visit.

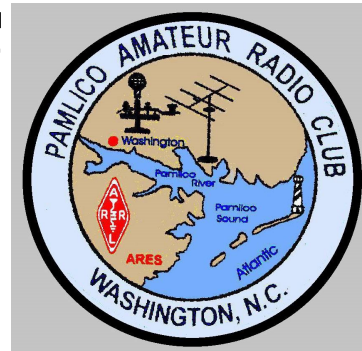
**Document Storage**

We need on paper a list of accounts and passwords. This needs to be held in multiple locations by multiple people to prevent loss of person or property.

- ◆ FCC License
- ◆ Website and URL ownership
- ◆ Bank accounts
- ◆ PayPal accounts
- ◆ Any other accounts



# Gary NG9T's PARC President's Corner



May 27, 2023

Hello Ham Friends,

Another month has flown by, and I was determined to get some new input done for my President's Corner this month. And there are some changes from PARC!

**NEW MEETING NIGHT** PARC will now meet on the **SECOND THURSDAY** of every month instead of the third. This is a permanent change. Location stays the same:  
Zion Episcopal Church @ 7:00pm local time  
7302 HWY 264 E  
Washington, NC 27889

**2m Net:** We are changing our net nights again! Since there was always some confusion on which week we were having our net, I decided that we could stand to do it more often as so many other clubs do their nets. So, our new net schedule is **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  
Net Control for June will be Tom Kottke WT4TK.

**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 June 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](mailto:tkottke@centurylink.net) to schedule an exam.

**Field Day 2023:** We have a new location for Field Day this year. We will be at: Farm Life Ruritan/Ruritanettes Building 9291 NC-171 Williamston, NC Operating on June 24 and 25 All hams and anyone interested are invited!!! Handicap accessible (Ramp)

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

73 Gary Faust NG9T  
PARC President

**+++++ UPCOMING EVENTS+++++**

**2023 Field Day** Yes, it's coming up quickly!! June 24-25. Time to plan! The location of Goose Creek State Park is not going to work out for PARC this year. Cheryl McGuire KX4EC and myself are looking for a suitable location for this year's Field Day, prefer to have indoor (AC!) and restroom facilities. Contact Cheryl or myself if you know of a good location with parking and room for antennas.

+++++TIDBITS of Interest [+++++](#)

**73 de NG9T dit dit**

Upcoming Events:

Club Meetings:

We meet on the Second Thursday of each month at 7:00pm at:  
Zion Episcopal Church  
7302 US 264 East  
Washington, NC 27889

Nets:

2m Net  
Every Thursday of each month at 8:00pm Except Meeting night  
Bath repeater 146.955mhz PL131.8  
Alternate: Washington Repeater 147.255 PL131.8

80m Net

every Tuesday at 7:00pm  
3807 SSB (or close by if freq in use)

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](mailto:gfaust1963@gmail.com)

(252)531-4982

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## Pamlico Amateur Radio Club Meeting Minutes

May 18, 2023

**Call to Order:** President Gary NG9T called the meeting to order at approximately 7:00 pm with 13 members present in person and by Zoom

**Pledge Allegiance:**

**Meeting Minutes:** Davey W4LOR 1 st motion to accept meeting minutes George KD4MTN 2 nd

**Treasurer's Report:** Available United Bank balance is \$2,999.78.

**Repeaters:** No Report

**VE Examinations:**

Tom WT4TK / Al K4GOE shared the position of VE Coordinator for this testing session. The next exam date is July 8, 2023 at EOC one person is currently signed up. David KQ4HEX passed his General as well as one other person.

**Business:**

Zion Episcopal has asked us to change our meeting date from the 3 rd Thursday to the 2 nd Thursday of the month. Kirk N5NC made a motion to change meeting date Tom WT4TK 2 nd .

Cheryl KX4EC introduced the proposed new Constitution and Bylaws and asked for comments for a revision with a plan to vote on the new C & B in August.

Field Day location has still not been set. Kirk N5NC made a motion to set aside \$300 for a Field Day location Davey W4LOR 2 nd Davey W4LOR made a motion to let the executive committee select the location George KD4MTN 2 nd .

Gary NG9T passed out a Field Day list that Davey W4LOR generated. Please look it over and think about what you might be able to donate or bring and let Gary NG9T know.

George KD4MTN presented that RARS Roanoke Amateur Radio Society needs stations and mobile HT operators for the Bear Festival. Contact George KD4MTN if you can work June 3 rd .

**HF/DX:** None reported

**Ham Fests & Contests:**

Contests: reference ARRL Contest Corral, also the WA7BNM Contest Calendar at [www.contestcalendar.com](http://www.contestcalendar.com)

**Next 2m net:** 1 st and 4 th of the month 8:00 pm George KD4MTN will call May 25 th Tom WT4TK to call June .

**Next 80m net:** Every Tuesday at 7:00 pm Gary NG9T for June

**Next Meeting:** Will be held on June 8, 2023 7:00 pm @ Zion Episcopal

**Next VE Session:** Will be July 8. Test starts promptly at 10:00 am @ EOC

**May Refreshments:** Were provided by Marcian KC4TOI, Al K4GOE

**June Refreshments:** Will be provided by Marcian KC4TOI, Davey W4LOR

**50/50:** \$43 collected Wayne KJ6H4C won and donated his half to the club.

**Program:** Suspended due to length of meeting

Respectfully Submitted,  
Cheryl KX4EC  
PARC Secretary/Treasurer

**GREETINGS FROM THE HIGH COUNTRY**

May 11, 2023

Some may find it hard to believe but Spring has finally arrived in the High Country. Looking out my window, I see flowers on my Rhododendron plants are just blooming and most of the trees are in the process of changing their colors from Brown-Gold over to Green.

**NEWSLETTER #76**

This newsletter is #76 produced since becoming your Section Manager on April 1, 2020. Each of the previous newsletters can be downloaded or read at [ncarrl.org](http://ncarrl.org). ARRL members can log into [arrl.org](http://arrl.org) and set their membership preferences to receive emails from your Director, Vice Director or Section Manager. Alternatively you may drop me a note asking to be added to a mailing list that I maintain for friends who live outside North Carolina or who have difficulty processing the txt files that ARRL mails out.

**ARRL DUES SURVEY**

ARRL members are urged to participate in the Dues Survey which is running until May 31. In order to participate, go to [www.arrl.org](http://www.arrl.org) and sign in, following the instructions posted near the top of the ARRL webpage.

Share your opinion with the leadership of the League! Revenue options and necessary By-Law changes are expected to be discussed at the July 2023 ARRL Board meeting.

**FIELD DAY**

Operators are reminded that the ARRL Field Day event is held each year during the last full weekend in June, which this year falls on June 24 and 25. Be sure to plan where and how long you plan to operate and post this information at <http://www.arrl.org/files/file/Field-Day/2019/2019%20Site%20Locator.pdf> as well as in our local newspaper so that visitors can stop by and see amateur radio in operation. Look over carefully the rules that are posted at <http://www.arrl.org/field-day> and pay particular attention to the importance of the GOTA station (5 points per contact!).

ARRL urges use of public media and posting of information about your Field Day location and hours

As Section Manager, I plan to make visits to Field Day locations beginning with operations around Raleigh. Drop me a note about your group's operational plans and I will try to stop by—at the moment, I am unsure whether I will head towards Northeastern NC or travel towards Wilmington. Let me know when you will be setting up and operating and I will try to stop by and wish you well in your Field Day adventure.

**FCC MATTERS**

60 meters

The FCC has imitated a proposed rule which would change amateur access to the 60 meter (5.3 MHz) band. Presently, amateur radio is a secondary user on 60 meters which is primarily assigned to the US Government use. Current rules designate five specific channels and a power limit of 100 watts effective radiated power. Under current rules, amateur use must cease if Government agencies need the band for disaster and inter-agency operations although there are occasional MARS operations that encourage amateur contact with MARS stations.

The proposed rule has not yet been published in the Federal Register so a cutoff for filing comments on the proposed rule has not yet been set.

Information on the proposal can be found at <http://arrl.org/news/arrl-advocates-for-radio-amateurs-as-fcc-proposes-changes-to-60-meter-band>

#### RF EXPOSURE RULES

On the FCC front, amateur radio operators are reminded that the RF exposure limits issued by the FCC two years ago are now in full effect as of May 3, 2023. The ARRL has published a couple of articles as to how to comply and you are reminded that there is no waiver or exclusion for operation during Field Day when there may be greater potential to be operating in close proximity to temporary antennas using power levels up to 500 watts. Your attention is directed to the following articles which may be helpful in understanding how to comply with the FCC rules:

<https://www.arrl.org/news/arrl-helps-radio-amateurs-comply-with-new-rf-exposure-evaluation-rules>

#### FCC ACTION AGAINST UNLICENSED FM STATIONS

Information coming from the FCC indicates that the Commission has become active in catching, shutting down and fining unlicensed FM pirate stations.. Recently the FCC was given legal authority to not only pursue the illegal broadcasters but also to take action against the owners of the property where the illegal station is located. Set out below are links to stories describing recent FCC enforcement actions against unlicensed FM stations:

<https://www.radioworld.com/news-and-business/headlines/fcc-starts-crackdown-on-pirate-radio-landlords>

<https://www.vice.com/en/article/93k535/fcc-fines-15-year-old-nyc-pirate-radio-station-dollar2-million>

<https://www.vice.com/en/article/dy3vz7/fcc-going-after-pirate-radio-station-operating-from-portland-church>

## VIDEOS WORTH WATCHING

Two years ago, a group of hams began exchanging technical information and formed a group called The RAT-PAC (the Radio Amateur Training Planning and Activities Committee).

Live presentations are offered up to interested persons on Wednesdays and Thursdays at no cost to the viewers. Missed sessions can be retrieved from the YouTube archive. RATPAC has produced over two hundred video presentations. The videos can be found at <https://www.ratpac.us/>. You might find these to be of interest:

FT8 and FT4 for beginners, January 19, 2023

Winlink GoKit Design, May 04, 2023

Electromagnetic Pulses, May 03, 2023

## NC ARRL MATTERS

### W4DNA – NC SECTION TRAFFIC MANAGER – REPORT APRIL 2023

This is a condensed version of the monthly traffic report submitted by Dave Roy, W4DNC. The ARRL email system is limited in its ability to send out graphics and/or tables in the monthly Section Manager report. A complete copy of the STM report can be found at [www.ncarrl.org](http://www.ncarrl.org).

NET	NMGR	QNI	LISTED	PASSED	TIME	SESSIONS	TFC %
SECTION NETS							
CN	AA4MP	345	118	116	513	60	98.31%
CSN	KI4KZS	118	18	18	512	30	100.00%
NCEN	WK4WC	366	93	90	414	30	96.77%
NCMN	W3OJO	337	113	104	389	30	92.04%
THEN	K4SEH	178	0	0	128	14	
LOCAL NETS							
CWTN	N4CNX	335	94	94	543	30	100.00%
ENCTN	W4DNA	94	9	9	197	26	100.00%
PCTN	W4TTO	241	49	49	241	30	100.00%
TOTAL		2014	494	480	2937	250	97.17%

## Upcoming Hamfests and Operating Events

- May 13,  
<http://arrl.org/news/annual-armed-forces-day-crossband-test-1> . A listing of frequencies that will be used by Defense Department radio stations can be found at <https://www.dodmars.org/mars-comex-information-website/armed-forces-day>

.On Cross Band Day, amateurs are permitted to use ham frequencies to talk with DOD stations that will be operating on the DOD frequencies listed above.

- May 19-21, Hamvention, Greene County Fairground and Exposition Center, Xenia Ohio. Information can be found at <http://arrl.org/news/arrl-ready-to-welcome-attendees-at-dayton-hamvention-2023>

- June 24-25, Field Day. Info can be found at <http://www.arrl.org/field-day> .

- July 8, Rowan Amateur Radio Club Hamfest in Salisbury. Information at <https://rowanars.org/#::~:~:text=The%20Firecracker%20Hamfest%20is%20a%20go%21,July%208th%20at%20the%20Salisbury%20Civic%20Center.>

- 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>

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

- 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.

#### PRN DMR OPERATING GUIDANCE

PRN DMR users are urged to review the information found at <https://ncprn.net/repeater/> which lists the talkgroups that can be used on any particular NC PRN DMR repeater. Attempting to use Brandmeister talkgroups (there are over 2000 of them) on a PRN repeater will result in the CBridge canceling your connection and your attempt will not show up on the Last Heard listing.

- Please do not try to connect to BM91, BM3100, or any of the numerous Brandmeister or TGIF talkgroups as the PRN CBridge (server) will drop the connection--there is no pathway to those servers from the PRN system.
- You may want to program a hotspot to connect to Brandmeister or TGIF and communicate around the world. Even with a hotspot you cannot access the BM or TGIF systems through the PRN CBridge.
- Even if you are using the published talkgroups listed (at <https://ncprn.net/repeater/>), if you have mistakenly programmed your radio with a Timeslot 1 talkgroup on Timeslot 2 (or vice versa), the CBridge will reject the connection. Please use the correct talkgroups on the correct timeslot.
- Several NC PRN DMR repeaters have their local talk group linked together 24/7 in order to provide a wide area local.

The repeaters listed below have their local talkgroups tied together so that anything said over the local of one of the repeaters is heard over the local talkgroup on the other repeaters in that area local. The repeaters that have their local tied together include:

- o Charlotte-Crowders-Wingate-Albemarle (aka known as Charlotte Local)
- o Boone-Sugartop (aka known as Boone Local)
- o Brown Summit-Asheboro (also known as Triad Local)
- o Sylva-Cashiers-Franklin (also known as Jackson Local)
- o Cary-Hillsborough-Raleigh-Goldsboro (also known as Raleigh Local)

#### SILENT KEYS AND OPERATOR SAFETY

During the past week, I sent reports of five Silent Keys who had a North Carolina connection to ARRL for listing in QST. Page 103 of the June issue of QST has an entire page (three columns) listing over 200 Silent Keys across the country in a single month whose passing had not previously been noted.

Club newsletters sent to me periodically report about amateur radio operators who suffer fatal injuries while working on antennas.

Tragically, there are operators who die in falls from towers and rooftops or who are electrocuted when antennas, guy wires, towers or masts come in contact with primary or high voltage power lines. Still others come in contact with high voltages while working on high power tube final amplifiers while bypassing the safety interlocks.

As our outdoor activities increase we need to be careful. No matter how expensive the antenna or tower it is not worth losing your life or being injured while trying to prevent an antenna from being damaged.

Plan ahead and have enough help and be sure to avoid putting up antennas which could fall on a power line.

Hoping that each of you has a safe and fun-filled Field Day.

Marv, WA4NC  
NC Section Manager

#### GREETINGS FROM THE HIGH COUNTRY

It looks like a lot of North Carolina will be wet, windy and not be well suited for outdoor activities over this Memorial Day Weekend.

Disregard the weather, the reason for Memorial Day is not to celebrate the beginning of grilling season—it is to honor the lives lost by a million soldiers who died in service of the country, most often while far from home, fighting to protect people who were resisting being dominated by bullies, madmen, and illegitimate rulers whose subjects had very few rights while the rulers lived very well on the backs of ordinary people.

Our own Civil War involved the most deaths in battle, 640,000, exceeding the fatalities in World Wars as well as other international and regional conflicts. America has sent our soldiers into battle, in large and in small numbers to shed blood and die for people they never knew, in places often unheard of, in defense of the idea of freedom.

That so many have made the ultimate sacrifice in defense of the idea of freedom is what this weekend is about. Whether or not I get to grill this this weekend, I will be thinking of members of my family, neighbors, friends and schoolmates who died while in military service.

Each of them rests in honored glory, even when we were not known to each other. Memorial Day is a time of remembrance and honor.

## ON THE AIR ACTIVITIES

### FIELD DAY – ARE YOU READY?

Field Day is now less than a month away (on June 24-25). At the time this newsletter was written, ARRL reported that 17 Field Day sites are listed in North Carolina. A map and listing of these locations can be found at <https://www.arrl.org/field-day-locator..>

If your group plans to participate in Field Day but are not yet listed at this site, you should add information about your planned operation at the site listed above. Having your FD site listed will allow visitors and young people wanting to see ham radio in operation know that there is a nearby site where your club will be operating and that visitors are welcome. Listing your FD site will also help me plan my Field Day visits to say hello and to thank the clubs that who are on the air during Field Day.

The June issue of QST devoted several pages that give guidance that will lead to safe and successful operation during Field Day. Rules for Field Day operation can be found at <http://www.arrl.org/field-day-rules>.

### NC PARKS ON THE AIR

I hope you will consider participating in a special operation this Fall which will involve activating ham radio stations at each of the state parks in North Carolina over the September 9 and 10 weekend. The statewide activity is being coordinated by Zach Thompson, KM4BLG.

Information about the NC PARKS ON THE AIR EVENT can be found at <https://ncpota.org/>.

I hope to hear you on the air from one of the parks.

### TARHEEL EMERGENCY NETWORK

The Tar Heel Emergency Net, established in 1947, needs a couple of volunteers to serve as the Net Control Station once a week for approximately 45 minutes. Due to a death and changes in operator commitments, there is need for additional Net Control Stations.

The duties are relatively simple. Using a published preamble, the NCS calls the net to order and accepts check-ins from participants and asks for traffic. The NCS prepares a log that typically lists about 20 check-ins. After the net the NCS sends the Net Manager a very simple net report on how many stations checked it and how long the net lasted and the number of messages listed and/or passed.

Operators are needed to serve as Net Control Station for THEN on the 4th and 5th Monday and possibly other times as well. If you are willing to serve or would like to know more, please contact Scott Hunt (K4SEH) at [k4seh@arrl.net](mailto:k4seh@arrl.net). The Tar Heel Net meets at 7:30 pm each day on 3923 KHz with a different person serving as NCS one night a week on an assigned night.

### A BALLOON LAUNCH OUT WEST

The Western Carolina Amateur Radio Society has posted information on Facebook about a weather balloon launch on June 6. Here is their posting:

Michele Carmichael (KK4NRB) here. We (Catamount Alumni Radio Group) are launching the first of several weather balloons at WCU on Tuesday, June 6th, approximately at 9am using call sign W4WCU-11 on APRS. Anyone interested, wanting to chase or otherwise be involved please let us know! trajectories are too far out for accuracy, stay tuned!

Daniel deCourt, W3WDD, an alumnus of Western Carolina University, added additional information. Persons wishing to report on (as well as to listen to reports) have been approved to use the PRN DMR network.

Beginning around 0900 on June 6 they will be using the PRN talkgroup, while the WCU group observes the flight of the weather balloon and then works to recover the balloon, particularly as the weather balloon travels outside Jackson County. Chuck deCourt (W3WZN), Daniel's father, will informally serve as Net Control Station for this operation.

#### 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 call sign and are actively planning to run a special event station from JARScm.

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](mailto:domingorogers@gmail.com) to

volunteer or to gather information.

#### UPCOMING SUMMER HAMFESTS

Salisbury: July 8 – Info at <https://rowanars.org/>

CARY: July 15 – Info at <http://caryarc.org/>

Waynesville: July 29 – Info at  
<https://wcars-club.org/hamfest-annual/docs/hfnotice.pdf>

Fayetteville: August 12 – Info at <https://cfarsnc.org/>

Shelby: Sept 1-3 – Info at <http://www.shelbyhamfest.org>

## GENERAL INFORMATION FOR NC ARRL MEMBERS

### GAINING AND LOSING HAMS

Data posted by ARRL show that the number of SK's listed in QST over a five month period substantially exceeded the data posted about newly licensed hams over same period. For example, listings in QST over the most recent six month period listed approximately 900 Silent Keys.

License data from the FCC for the most recent six month period showed approximately 350 newly licensed hams.

Clubs are urged to redouble their efforts to Elmer hams and to get more people licensed.

### PASSING OF MARC TARPLEE, N4UFP

Rest in peace, Marc.

Marc Tarplee, who served as the South Carolina Section Manager for twelve years, passed away on May 14 after a sudden illness. He had recently retired from York Technical College and was in the process of building a new home near Hilton Head. His illness took his many friends by surprise and his death has not yet been fully absorbed by the ham community. Sympathies go out to his family and friends.

John Gendron, NJ4Z, has been appointed as the South Carolina Section Manager and will complete term of Marc Tarplee which runs through December 31, 2024.

John, an Amateur Extra-class operator, is President of the York County Amateur Radio Society (YCARS) and a member of the Swamp Fox Contest Group. In addition to being an avid contester and DX chaser, John enjoys participating in Parks on the Air. He has earned numerous ARRL awards, including the Worked All States and Triple Play Worked All States awards, and is closing in on 5-Band DXCC.

### SUBSCRIBE TO CLUB NEWS

ARRL is placing renewed emphasis on outreach to clubs and is offering advice on remaining vital, active and relevant to hams in their area.

There is a monthly club newsletter that is available to you at no cost.

You may subscribe by logging into your profile at [arrl.org](http://arrl.org) or you may see current and previous issues of ARRL Club News by going to <http://www.arrl.org/club-news>.

Also on the topic of clubs, you are encouraged to go to the ARRL Learning Center and view the webinars that focus on particular club leadership positions based on reports from clubs across the country.

Periodically visit

<https://learn.arrl.org/webinars/?pathPage=%2Farrl%2Fcourses%2F52440> as various club leadership roles are added to selection of webinars.

#### ESTATE PLANNING FOR HAMS

ARRL has recently released a document that will help hams and their family members to focus on the eventual disposal of their ham gear.

There are difficult decisions to be made in a very stressful time.

Unfortunately, many times surviving family members do not have much understanding about the value of ham equipment or your wishes concerning some of the gear but have different feelings concerning other parts of your equipment collection.

Survivors will benefit from knowing if you want the equipment sold, donated, or passed on to family or friends. Do you want gear donated to a school, college or your local club? Do you want to have someone hired to sell your gear? Do you wish to donate the gear to your club and expect the club to sell the gear with the proceeds going to the club or doing the sales on a commission basis with most of the monetary proceeds going to your family.

Take this opportunity to download and review the documents that ARRL has recently developed. Go to <https://www.arrl.org/estate-planning-workbook>

and begin important discussions with your family, friends and club leadership.

#### CLOSING COMMENT

Please remember to contact me with information about the passing of a club member, friend or family member who was a ham. Please include a link to an obituary and whether the ham was a military veteran. The process involves the Section Manager forwarding information to ARRL along with a request that Silent Key be listed in a future issue of QST.

I will do my part but I need your input. Over last weekend, I learned of the passing of five amateurs. Since becoming Section Manager in April 2020, I have followed the SK procedure for nearly 200 hams. Even

as large as that number is, there were most likely dozens of other hams who passed and did not get listed as a Silent Key in QST because no one reached out to advise the ARRL. Recently, in the past month, I was contacted twice when a club leader or former co-worker reported not knowing about the passing of someone who had been listed in QST who had once made a big difference in the development of ham radio in their area but was no longer active on the air or in the club.

Our job as survivors is to make sure that those who have passed away receive appropriate recognition.

73, Marv, WA4NC  
NC Section Manager

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ARRL North Carolina Section

Section Manager: Dr Marvin K Hoffman, WA4NC [wa4nc@arrl.org](mailto:wa4nc@arrl.org)

## Built Like a Tank — The WS #19 Mark II

Dick Sylvan, W9CBT



Wireless Set # 19

Back in 1947 when I was 16 years old and newly licensed, I had the opportunity to buy a brand new WS #19 Mark II tank transceiver. I saw an ad in a war surplus magazine and sent in my \$35.00, shipping included. This was two week's pay working at my father's liquor store and tavern. Imagine my delight when a few weeks later two large wood crates arrived. Also, imagine my mother's delight when I placed them in the living room of our 1-1/2 room furnished apartment. Anxiously, I unscrewed the crate lids and marveled at the protective coatings and wraps on everything. After cutting off all the packing of the first crate, my eyes popped at the beautiful transceiver I had purchased. All the lettering on the dials and controls were in Cyrillic! This version of the WS #19 Mark II was made for Sherman tanks lend-leased to Russia.

But the best was yet to come! All the lettering glowed in the dark! Wow, what a sight! I pulled down the window shades and sat in the dark taking in the impressive sight. Then, I removed the other components from the crate. What a bonanza! There were two radios in the main unit: a superregen receiver and transceiver for 220 Mhz for short range, and an AM/CW transceiver that operated between 2 and 8 Mhz, this would give me 80-meter and 40-meter coverage. The unit could put out between 15 and 20 watts, and even had a variometer for antenna matching.

Power was supposed to come from a 12-volt car battery, but my mother would not allow an acid cell battery in the house; I wonder why? So I would have to convert it to AC power. It had an impressive dynamotor — which I never used. I was immersed in all this equipment when I decided to open the second crate. I anxiously opened the box and, eureka! I found a complete set of critical spare parts for the entire rig including a full set of tubes.

I was extremely impressed and nearly jumped out of my skin — there was one tube whose number I never forgot — the EF50. Now, all the tubes I was familiar with always began with numbers, but this tube began with letters. It even looked different. No information in my old Amateur Radio Operator's Handbook even mentioned this tube. I had all kinds of components for future repairs. I wondered, where do they put all this stuff in the tank? I placed the rig on a small table and the components along the wall and reluctantly discarded the two great looking wood crates. I spent the next few days, and nights, watching it glow, admiring this impressive unit and wishing I could plug it in and operate.

Getting it operational was no easy chore. I had to have help from a ham, W9OAV, who was a skilled builder and lived across the street. He also owned a TV repair and sales shop at the same location and was a bit hesitant to get the rig working as I might discourage potential customers with the TVI it would probably generate — it did. Anyway, I finally talked him into converting it to AC for me and a few months later I had a working rig. I threw the power switch on and spun the dials.

All I had for an antenna was a long random length wire going up to the roof. The janitor would periodically go up on the roof and cut my antenna down, which I'd reinstall the next day, so I couldn't have anything too elaborate. Anyway, I put on the



EF-50 PENTODE



large noise-reducing earphones that came with the rig. They were so big, they nearly covered my whole head. Signals were coming through on 40-meters. Plugging in the included heavy duty key, worthy of service in an armored vehicle, I nervously sent a CQ. The set was probably putting out 5 to 10 watts and I figured any rig this size and with all these knobs had to be good. I finally got an answer to my CQ and when I told the other operator what rig I was using he said he never heard of it — I enjoyed having something different. I never used the rig on AM phone as I was afraid of RFI. The neighbor in the next apartment accused me of interfering with her refrigerator and I was never able to convince her otherwise. I went on to have many QSOs with the unit on 40 CW, I was never interested in 80-meters, and used it until I tired of working only 40-meters.

I can't remember exactly what I did with the rig, but have a faint recollection of trading it to the owner of another local TV repair shop down the block who had some components I was interested in. I wish I still had the rig, it would be fun to use it again.

I have fond memories of the WS #19 rig and wonder how many lives were saved during the war because of this rig. It was one of the best values I ever had in dollars per pound except for one of my old cars which I purchased for \$25.00.

From what I learned on the internet, there are many of these units still on the air. There is even a Web site devoted to it called "The Original Wireless Set Nr. 19 Group," a very impressive site. Check it out for further details.  
[www.qsl.net/ve3bdb/](http://www.qsl.net/ve3bdb/)



16-YEAR OLD W9CBT

**POWERED BY:**  
12 volt dynamotor, later converted to AC power

**ANTENNA TUNING:**  
Round variometer on top of unit, included

**FEATURES:**  
Glow in the dark dials — radium coated — later I discovered the stuff was dangerous. All steel construction, super heavy duty connecting cables Fashionable olive drab color case and shock mounts. Complete with microphone, key, headphones, all cables and manuals Case of spare parts including all tubes. Audio amplifier for intercom use — to talk to the tank commander



Sherman Tank

**WEIGHT:**  
Heavy — particularly for a 10-20 watt rig

**OTHER DETAILS:**  
Manufactured in Canada, furnished to other countries: U.S., Russia and Italy. Canada used it into the 1960s.

**STATISTICS OF THE WS #19 MARK II TANK TRANSCIVER**

**FREQUENCY COVERAGE:**  
HF 2-8 Mhz Operating Modes: CW, AM phone and UHF 220 MHz — super regen receiver

**OUTPUT POWER:**  
15-20 watts

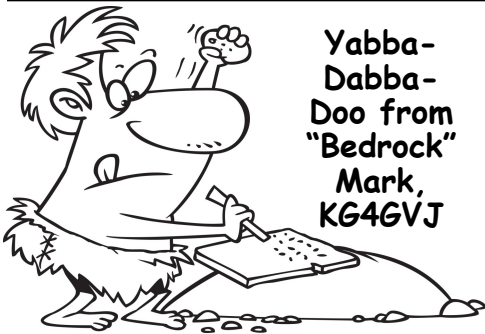
**K9YA Code Practice Nets**

**Fast Net**

Every first Wednesday of the month, 7.137 MHz (plus or minus QRM) at 7:00 P.M. (2400 Z). Check in, exchange FISTS numbers or hang around for a chat. The Fast Net is called at 20+ wpm.

**Slow Net**

Every 2nd, 3rd and 4th Wednesday of the month, 7.137 MHz (plus or minus QRM) at 7:00 P.M. (2400 Z). Check in, exchange FISTS numbers or hang around for a chat. The Slow Net is called at 10-wpm, but speed will be adjusted to that of the slowest operator.



Hi Folks,

Well, it's been a busy month for my wife and I. Done some planned and unplanned travel, Doctors, etc. My Solar Electric system is expected to be inspected I hope, this June. I'll try to get some information out later on it after it has been up and running a bit. Right now all I can say is the work done looks good. Just not officially available yet.

I've been working on and off on cleaning up my shack and moving some gear around. I hope to have more room on my desk (Before re-cluttering it) and have better access to the printer for my wife.

I seem to still have some issue with SWR. I wish I didn't hurry as much on reconnecting my HF antenna. I'll need to unwrap my coax at the outdoor Tuner so I can put a dummy load on and check the SWR to it. I had hoped it was a bad coax connector job by me and so I put in fresh coax and lightning protection this time.

## Interested in 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](mailto: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:

June 7, 14, 21, 28  
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.

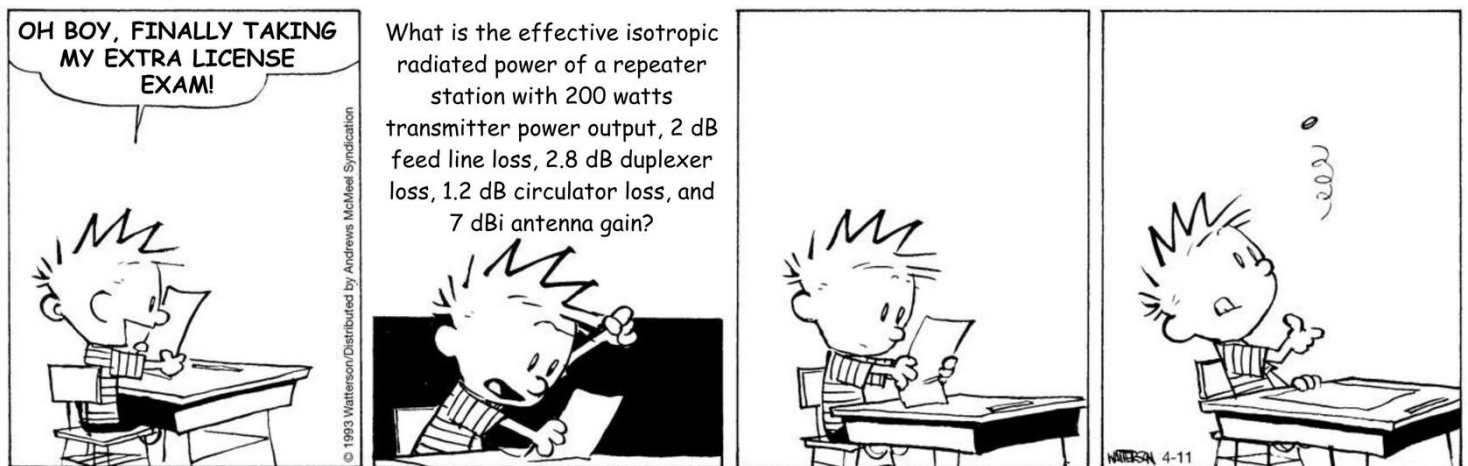
The Gordon West Technician class or General class license manual is recommended in conjunction with online hamstudy.org.

Instructors:

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

**Preregistration required:** contact Richard Weinbaum at [KK4RR@mac.com](mailto: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

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:fred@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. 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](mailto: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.

## Hello Fellow Hams and Friends,

The Field Day Location Committee (Cheryl KX4EC, Al K4GOE, and myself NG9T) have chosen the Field Day Location for PARC for June 24-25, 2023. After contemplating many locations, we decided on the location that met our criteria for AC, bathroom facilities, and antenna space.

### Location will be:

Farmlife Ruritan/Ruritanettes Club  
@ Manning Farmlife School  
9291 NC-171  
Williamston, NC 27892

We (committee members) along with Marvin McAbee AE4CL (our host) visited the site after the PARC weekly breakfast on May 24 and decided that this location will be our Field Day site. It has lots of inside

space, a large kitchen, AC, tables, chairs, nice bathrooms, easily accessible window openings for cables, large space for antennas including trees and a flagpole, outdoor space for grilling, a very nice handicap ramp, and plenty of parking space.

We ask that members use the second driveway entrance (first leads to Farmlife School Building) and that everyone park on the Ruritan side of the property.

I apologize again for my earlier misunderstanding of which building we would be using (NOT the OLD FORD Ruritan Club).

I am looking forward to this year's Field Day as I am sure that all of you are as well. We will have our final planning session during the PARC June meeting on the night of **JUNE 8, 2023 at 7pm . Reminding you of meeting schedule change!!**

If you haven't received the word by now, PARC has changed it's meeting night to the **SECOND THURSDAY of the MONTH. THIS IS A PERMANENT CHANGE.** I stress the change in hope that no one shows up on the third Thursday and finds an empty building. Location has not changed: Zion Episcopal Church 7302 HWY264 E Washington NC 27889.

Thanks to the other committee members and a special thanks to Marvin AC4CL for helping with location search.

73

Gary Faust NG9T  
PARC President

## ARES/AUXCOMM News

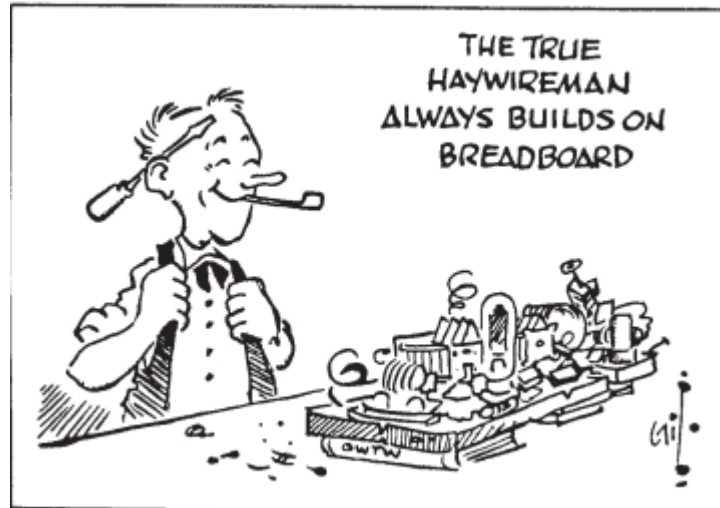


The five USB channelized 60-meter frequencies are available for interoperability (communication between services). By convention, Channel 1 is designated the calling channel. This convention is established to train the amateur radio community to reach out on Channel 1 in times of national emergency, 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](http://www.arrl.org)

Find an ARRL Affiliated Club: [www.arrl.org/clubs](http://www.arrl.org/clubs)

Find Your ARRL Section: [www.arrl.org/sections](http://www.arrl.org/sections)

Find a License Class in your area: [www.arrl.org/class](http://www.arrl.org/class)

Find a License Exam in your area: [www.arrl.org/exam](http://www.arrl.org/exam)

Find a Hamfest or Convention: [www.arrl.org/hamfests](http://www.arrl.org/hamfests)

Email ARRL Clubs: [clubs@arrl.org](mailto:clubs@arrl.org)

## The ARES Letter

### ARES<sup>®</sup> Briefs, Links

National Hurricane Center (NHC) Amateur Radio station WX4NHC operators will be on the air for their Annual Communications Test on Saturday, May 27, 2023, from 9 AM-5 PM EDT (1300Z-2100Z). This will be the station's 43rd year of public service operations at NHC. The purpose of this event is to test WX4NHC amateur radio equipment and antennas at NHC as well as operators' home equipment, antennas, and computers prior to this year's hurricane season, which starts June 1 and runs through November 30. This event is beneficial for operators worldwide to exercise communication modes, protocols, and techniques in advance of times of severe weather. Julio Ripoll, WD4R, Assistant Coordinator, WX4NHC, said "We will be making brief contacts on many frequencies and modes, exchanging signal reports and basic weather data (sun, rain, wind speed, temperature, etc.) with any station in any location." WX4NHC will be on the air on HF, VHF, UHF, 2- and 30-meter APRS, and Winlink [wx4nhc@winlink.org](mailto:wx4nhc@winlink.org), with the subject line containing "/WL2K."

"We will try to stay on the [Hurricane Watch Net](#) frequency 14.325 MHz most of the time," Ripoll said. Also, 7.268 MHz will be checked periodically, depending on propagation. "However, we will be operating on different frequencies depending on QRM. You may be able to find us on HF by using one of the DX spotting networks, such as the [DX Summit](#) service," he said. "We will also be on the [VoIP Hurricane Net](#) 4 PM - 5 PM EDT (2000-2100Z) (IRLP node 9219/EchoLink WX-TALK Conference node 7203)." WX4NHC will also make a few contacts on local VHF and UHF repeaters as well as the Florida Statewide SARNET system to test the station's equipment.

QSL cards are available via WD4R. Please send your card with a S.A.S.E. Do not send QSLs directly to the Hurricane Center address, as processing will be delayed. Due to Federal Agency security measures, no visitors will be allowed entry to the NHC. For more information about [WX4NHC](#), please visit its website. "We look forward to your participation in the WX4NHC Annual Station Test event," concluded Ripoll.

The [National Hurricane Conference](#) held last month in New Orleans, Louisiana, featured the popular Amateur Radio Workshop on Monday, April 3. The conference theme was to improve hurricane preparedness. The [Amateur Radio Workshop video](#) has been uploaded to YouTube.

One of the major pioneers of hospital emergency communications, David Otey, WB6NER, passed away on April 14, 2023. For over 25 years, Otey dedicated himself to hospital emergency communications, especially in the San Francisco Bay area. The hospital radio nets he established remain in use today. One of his greatest accomplishments was the integration and equipping of Kaiser Permanente hospitals in California with amateur radio equipment and trained volunteer operators. Otey was also a founding member of the California Disaster Medical Assistance Team and most recently was supporting operations in Haiti. Otey was a member of the Oakland Radio Communications Association (ORCA) and past president. -- *Duane Mariotti, WB9RER, Orange, California, [Kaiser Permanente Amateur Radio Network](#) (KPARN)*

Carroll County, Mississippi, Emergency Coordinator George Gillespie, KF5IAY, reports that the county ARES net was activated on March 29 when a tornado threatened the area. The tornado passed on the ground through the Blackhawk community. The home of Reggie Daves, KI5HKE, took



a direct hit -- the only available communication for help was his handheld. Traffic was monitored and passed through the EOC. "This I firmly believe not only helped with rescues, but saved lives," said Gillespie.

The [Florida Department of Emergency Management](#) (FDEM) and the [Florida Communications Unit](#) have announced the opening of the registration window for Operation: MARConi 2 -- advanced communication unit training for 2023. "MARConi 2" will be held in Florida Region 5, hosted in Lake County from May 21 through May 26. An AUXCOMM component as well as the COMT and [MARC](#) (Mutual Aid Radio Communications) practitioner tracks will be included.

All applications will be reviewed and emails sent to individuals approved to attend. Please make sure to get your application in as soon as possible, as there are a limited number of slots available per region. The target audience for this workshop are personnel assigned to a MARC or EDICS unit, and other working incident communications personnel (COML, COMT, etc) who have agency recommendation.

AuxComm-focused training will be conducted Sunday, May 21, ending on Wednesday, May 24. Public Safety-focused training will begin Monday, May 22, ending on Friday, May 26. Registration is open. Number of participants may be limited by region, by county, or by team and current training level. [View flyer](#). [Register](#). [Send email to staff](#).

Correction -- In the last issue, a summary of major emergency operations over the past hundred years had an error: The [1948 Vanport flood](#) was in Oregon, not Washington. Vanport was in the northeastern part of Portland, and was near some of the ship building yards. It was extremely hard hit by the flood. -- [Jeremy Tanzer, KI7BDP](#), Assistant Emergency Coordinator for Training, Clackamas Amateur Radio Emergency Service (CARES) Director

## Dayton Hamvention® EmComm Programs -- Not to be Missed

The [Dayton Hamvention®](#), Xenia, Ohio, is this week -- Friday through Sunday, May 19, 20, and 21. There are several forums of interest to the EmComm community, including the following:

*A Partnership to Save Lives*, Friday, 1:10 to 2:30 PM in Room 2 -- NOAA's National Weather Service (NWS) is working to build a Weather-Ready Nation, one that is more resilient and better prepared to respond to extreme weather and water events. The NWS depends on partnerships to help build a Weather-Ready Nation and to help achieve the overarching mission to protect lives and property. One of these important partnerships is with amateur radio groups. This presentation will describe this partnership and how it helps to save lives during severe weather events.

ARES® Forum, Saturday, 12 to 1:20 PM, Room 3 -- The Amateur Radio Emergency Service® consists of licensed amateurs who have volunteered their qualifications and equipment with their local ARES leadership for communications duty when disaster strikes. Learn about opportunities to volunteer and train, and hear stories about best practices, the importance of building mutually beneficial relationships with local emergency management services, and the importance of our partnerships with served agencies. Sponsored by ARRL The National Association for Amateur Radio® and conducted by ARRL Director of Emergency Management (DEM) Josh Johnston, KE5MHV.

## Improving ARES® Service to a Served Agency: Alachua (Florida) ARES Developments

*By Leland Gallup, AA3YB*

ARES volunteers need to be accepted by the agency or other entity they serve. Why? Isn't being a technically skilled amateur radio operator enough to be of effective help to a served agency? No -- there has to be *acceptance* of the amateur radio group by the served agency. Acceptance of ARES® volunteers is an essential component of effective amateur service. Acceptance involves integration into a wide range of served agency activities. Without served agency acceptance, hams are often shown the door, even in an emergency. So how do you know if your ARES® group is really accepted by your served agency? If your group serves a county Emergency Management (EM) agency, how do you know if your group is a truly integrated part of its Emergency Support Function 2 (ESF-2 Communications) planning and administration? Integration is more than just going through the process of registering volunteers with the EM, more than undergoing background checks, and more than being "badged" for service at designated emergency shelters -- as important as all those things are when serving a public authority like an EM agency.

*Acceptance means your served agency views you -- in effect -- as one of them.*

Acceptance goes far beyond activating an emergency operations center radio room. It means ARES® volunteers doing whatever their EM officials want them to do and doing what they are comfortable doing. *It's not about communications alone.* The path to agency acceptance begins with face time with your EM department, which is absolutely critical for gaining acceptance and integration into EM operations. Face time is the way to establish personal relationships with EM staff. It means regularly showing up at the agency (this may require a lot of effort to achieve). It means learning how the EM does business. It means understanding the [National Response Framework](#), the [National Incident Management System](#), and the [Incident Command System](#). It means acting and dressing professionally. It means following through with requested tasks and being reliable. Acceptance is like trust -- it must be earned.

So, what exactly can EM acceptance and integration of ARES® volunteers look like? I suggest one way you'll know is when your EM *asks you* for assistance -- not just during an emergency activation when the skies are threatening, but during times of "blue skies," too. And not necessarily as communicators, but as support staff for their training events. This is what is now beginning to happen for Alachua County (Florida) ARES®. Alachua ARES' served agency is the Alachua County EM. After years of effort, ARES is establishing acceptance and integration into Alachua's EM.

*"Reunification" Functional Exercise*

On March 1, 2023, the county EM conducted what is called a "reunification" functional exercise conducted under doctrine of the Department of Homeland Security's Exercise Evaluation Program (HSEEP). An HSEEP functional exercise is one in which there is no kinetic activity as such; that is, no equipment or personnel is moved around from place to place. The "play" is one in which a variety of emergency support functions (ESF) would interact over the course of the exercise, and their performance would be evaluated against goals and quantified objectives. Exercise players work to fashion the connections among responders that would be so critical in a real event. The exercise scenario was a mass casualty incident (MCI) requiring fire/rescue, law enforcement, the Florida District 8 medical examiner, mental health services, local medical facilities and the Alachua EM. All of these [emergency support functions](#) (ESFs) would be expected to develop and carry out a way to meet the public's critical need for information -- specifically, the whereabouts and condition of family members and loved ones. As is often the case in MCIs, the exercise scenario required the EM and ESFs to stand up a "reunification" center, to which concerned members of the public could go for information.

In late 2022, Alachua EM asked ARES® to provide volunteer EM support staff to help run the exercise. ARES members would be "controllers," meaning that they would help the EM execute the exercise play and support player setup and coordination. Our members were NOT asked to provide communications support to the EM, but to act FOR the EM in making the exercise happen. This meant that ARES would be a trusted agent for the EM, integrated completely with the EM staff, in dealing with a host of public safety, health, and government agencies.

In the event, five Alachua ARES volunteers reported to the reunification site. During the hours of exercise preliminaries, the exercise itself, and post-exercise site breakdown, ARES volunteers did whatever the EM's principal center controller asked us to do. This involved site setup, player check-ins, exercise coordination, site breakdown, and the management of exercise "actors." Because the exercise "cause" was an MCI, the concept called for player interaction with fictional members of the public. To make for a realistic scenario, EM recruited students from the Santa Fe College Public Safety Academy to play the role of family members and loved ones trying to find out what had happened to the "victims" and others. In this capacity, their roles called for them to play out an array of emotional responses as they were given notifications, including fatalities. More than 20 such "actors" contributed enormously to the realism of the exercise, and our ARES members were instrumental in making this all happen.

How did ARES do? The emergency manager herself (who was the lead controller at the reunification center) praised our volunteers as "self-directing professionals who did anything needed to assist in making the exercise work." Moreover, other ESF "players" at the center saw ARES® volunteers as professional, dedicated, highly capable "force multipliers" for the Alachua EM. The impressions made, and relationships established, will stand us in good stead as we approach the 2023 hurricane season. This is what acceptance is all about. The four Alachua hams that volunteered for this event were Brett Wallace, NH2KW; David Huckstep, W4JIR; Wendell Wright, KN4TWS; and Eric Pleace, KO4ZSD. The fifth Alachua volunteer was Leland Gallup, AA3YB, author of this article.

These professional-grade amateurs are a credit to hams everywhere. They look the part of pros because that is what they are. The bottom line is simple: if you want acceptance for your ARES® group, start at the beginning -- build personal relationships with your served agency. Be professional. Be aware that you serve *them*, not the other way around. Do whatever they want you to do that you feel you can do. Do it now, when the skies are blue, so that when the skies are dark you can truly serve your served agency. And, by the way, be skilled, trained, and competent amateur radio operators! - QST NFL - newsletter of the ARRL Northern Florida Section, April 2023 issue.

## K1CE for a Final: Service DENIED

Last month, I was privileged to deploy and serve a minor role in a major Florida exercise -- the ARRL Simulated Emergency Test (SET), dubbed "[Service DENIED](#)" -- as a shelter radio operator. The scenario was as follows: ". . . news stations across the state have reported mass outages of all telecommunications services throughout the state of Florida due to a cyber attack. Service outages began with internet service being unavailable, but the outages have since spread to cellular and traditional voice communications methods. As the minutes go by the situation continues to worsen with sweeping blackouts in various portions of the state. Panic is evident among the citizens as roads become gridlocked in an attempt to buy supplies, groceries, and fuel in fears that supply may not be available. Additionally, lines at banks begin to form due to fears that credit and debit cards may be unusable, and citizens begin withdrawing cash at an alarming rate. Fuel supplies and stored batteries have gradually been drained down as this disaster has worn on, and at this point you are nearing the end of conventional backup energy sources."

My assignment was to report to a local shelter (a public library) and assist public safety professionals there with deployment of a Mutual Aid Radio Communications (MARC) vehicle. The task was to erect the 50-foot mobile aluminum tower with amateur radio antennas mounted on it and provide message and SITREP communications. (We are located in very rural Columbia County, in northern Florida bordering Georgia.) We were to provide remote command and relay for all south county traffic, and establish communications with [SARnet](#), the statewide 70 cm FM repeater network, NCS, EOC, and Relay on both Tactical and Command Nets. VHF, UHF and HF was to be used as needed. For shelter operations, our job was to receive and transmit Health and Welfare radiograms.

I worked with Jim Taylor, KQ4CIJ, a quiet, unflappable communicator of professional grade, at the library parking lot exercise site. When things started to unravel, Jim remained cool, calm, and collected as we worked through a major problem. He is exactly the kind of operator anyone would want to have on their team or as a partner. The problem: We quickly realized why these kinds of exercises are conducted in the first place -- the antennas mounted on top of the 50-foot tower would not work (we had used the coax cables supplied with the vehicle). We then tried a handheld with no luck, and finally resorted to using my Icom IC-9700 with 100 W FM into my vehicle's rooftop 5/8 wavelength mag-mounted whip, which provided the necessary coverage: the work-around scenario worked.

I'll have more on this exercise in next month's issue after the After-Action Report/Improvement Plan (AAR/IP) is drafted, approved, and published. I'd like to offer special thanks to ARRL/ARES Columbia County EC Brad Swartz, N5CBP, for his excellent leadership and cool-under-fire approach for our ARES SET response. -- *Rick Palm, K1CE*

*(Note from Chatter Editor: For those who feel my including ARES article's in the Chatter when there is no ARES in our area. These article's can help us in going forward in our efforts to be of a service to others if needed in the future. We can learn from others and their experiences. We may never need to use our knowledge and abilities, but practicing and even thinking in our heads on how we would do our service and we how would work out the problems, can help us react better if it comes up. Mark, KG4GVJ)*



**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](#)

With this year's ARRL June VHF Contest fast approaching on the weekend of June 10, seasoned VHF operator Bob Witte, KØNR, joins the podcast to talk about how to prepare yourself and your station to join in the fun of this beginner-friendly event.

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

"[Ham radio operators air a grievance: Leave our hobby alone](#)" / The Maine Monitor (Maine), April 29, 2023 -- Phil Duggan, N1EP, is the Section Manager of the ARRL Maine Section.

"[Out-of-this-world: Local high school students speak with astronauts](#)" (KYW- TV) Pennsylvania, May 2, 2023 -- Council Rock High School Amateur Radio Club.

"[Artemis 2 astronauts flying to the moon could phone home with ham radio](#)" / Space.com (New York), May 2, 2023 -- Elizabeth Howell, Staff Writer, Spaceflight.

"[Amateur Radio Operators Help Communications During Emergencies](#)" / The Orinda News (California), April 28, 2023 -- The Lamorinda Area Radio Interest Group (LARIG) is an ARRL Affiliated Club.

"[Mohawk Amateur Radio Club to transmit worldwide for worthy fundraising cause](#)" / The Gardner News (Massachusetts), May 2, 2023 --The Mohawk Amateur Radio Club is an ARRL Affiliated Club.

"[The history behind the Amateur Radio Museum](#)" / The Daily Jeffersonian (Ohio), May 4, 2023 -

*The Cambridge Amateur Radio Association is an ARRL Affiliated club.*

["Red River Valley Amateur Radio Club celebrates 50th Anniversary"](#) / eExtra News (Texas), May 10, 2023 -- *The Red River Amateur Radio Club is an ARRL Affiliated Club.*

["Knights statewide share mission via ham radios"](#) / Catholic Star Herald (New Jersey), May 15, 2023 -- *The New Jersey Knights of Columbus, K0C, Special Event Station.*

["Heavy traffic expected in Greene County this weekend due to Hamvention"](#) / WHIO TV (Ohio), May 17, 2023 -- Hamvention, the world's largest amateur radio show.

["Amateur radio operators help during Colorado storms"](#) / FOX31, KDVR, (Colorado), May 18, 2023 -- Amateur Radio Emergency Service® (ARES®) Colorado.

["Pine State Amateur Radio Club to cover Bangor Memorial Day parade communications"](#) / Bangor Daily News, (Maine), May 21, 2023 -- *The Pine State Amateur Radio Club is an ARRL Affiliated Club.*

["Maury County Amateur Radio Club to Participate in Field Day"](#) / WLX & WDXE Radio, (Tennessee), May 23, 2023 -- *The Maury County Amateur Radio Club is an ARRL Affiliated Club.*

## Time to Get Ready for Field Day

ARRL Field Day is this Month.

2023 Field Day will be held June 24 - 25. It is ham radio's open house. Every June, hams throughout North America set up temporary transmitting stations in public places to demonstrate ham radio's science, skill and service to communities and the nation. It combines public service, emergency preparedness, community outreach, and technical skills all in a single event. Some participants may also choose to operate from home, using the exercise to devel-

op and practice their personal radio communications capability.

Field Day has been an annual event since 1933 and remains the most popular event in ham radio.

In 2022, 4,929 entries were submitted (including check logs), and there was a total of 29,679 reported participants.

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 work 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. A premium is placed on developing skills to meet the challenges of emergency preparedness and acquaint the general public with the capabilities of amateur radio.

For Field Day 2023, several rule changes have been made. It's a good idea to make sure that your logging software has been updated to the most current version to incorporate these rule changes including the updated Canadian sections list. There are many facets to operating on Field Day and knowing the rules and keeping good logs are paramount to successful contacts.

Many local amateur radio clubs participate in ARRL Field Day. To start preparing for Field Day, check out [arrl.org/field-day](http://arrl.org/field-day) for the official rules and all the information you'll need. To find a participating radio club in your area, use the Field Day Locator on the page.

**The National Council of Volunteer Examiner Coordinators (NCVEC) has released a 2nd Errata for the 2023 - 2027 General Class Element 3 Question Pool.** The [NCVEC](#) Question Pool Committee ([QPC](#)) has released the [second revision](#) of the 2023 - 2027

General Class element 3 Question Pool. This revision supplants the question pools released on December 1, 2022, and February 1, 2023. The changes are reflected in the new General pool downloadable files, dated April 15, 2023. Three questions have been withdrawn from use and removed from the pool: G6B09, G9C06, and G9D13. Most of the other questions had minor changes. ARRL VEC teams are advised to check the [NCVEC website](#) or the [ARRL website](#) regularly for updates to the question pools, which may include errata and withdrawn questions. The new General Class Element 3 Question Pool goes into effect on July 1, 2023.

## 2023 ARRL Field Day Gear is Now Shipping!

[ARRL Field Day](#) is June 24 - 25. Get ready for amateur radio's largest on-air operating event with official 2023 ARRL Field Day merchandise available for order now. [T-shirts](#), [hats](#), [pins](#), [patches](#), and [stickers](#) are great ways to show off your involvement in this annual event. This year's colorful design features a globe centered on North America and the words, "Tune In The World." The back of the t-shirt includes a check-off list of ARRL and RAC Sections - a fun way to keep track of your Field Day contacts.

Encourage club members, family, friends, and prospective hams to take part with ARRL Field Day recruitment [posters](#) and attractive "Get on the Air" (GOTA) [pins](#) for newcomers.

Get your 2023 ARRL Field Day supplies from the ARRL [online store](#) or by calling the toll-free number 1-888-277-5289, from Monday through Thurs-



day, 8 AM to 7 PM and on Friday from 8 AM to 5 PM Eastern Time. If you are outside of the US, call 1-860-594-0355.

The complete 2023 [ARRL Field Day](#) packet is online. ARRL encourages participants to register their Field Day operations with the [Field Day Site Locator](#).

## 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 100<sup>th</sup> Edition of the *ARRL The Handbook*, a video explaining the topic, FAQs about the subject, and more. These tools and re-

sources 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.

## Ham Radio Project Seeks Science and Tech-Minded Students

The National Radio Astronomy Observatory (NRAO) is looking for up to 20 young adults to join their online amateur radio project, [Exploring the Electromagnetic Spectrum](#). This is the second running of this pilot program.

The program will run from August 7, 2023 - May 13, 2024, for 3 - 6 hours each week. Students selected for the program will receive hands-on experience and learn how the electromagnetic spectrum is used in science, technology, engineering, and mathematics (STEM) fields. They will also learn about amateur radio and work towards gaining an amateur radio license. Students from BIPOC and/or LGBTQIA+ communities are especially encouraged to apply.

ARRL member Jesse Alexander, WB2IFS, Ham Radio Project Lead, said one of the benefits for students is building and using RF muscle memory. "Yes, using what I call radio frequency muscle memory will help in many ways. It will help students learn to think and develop a



Ham Radio Project Lead Jesse Alexander, WB2IFS (left) attended [HamSCI Workshop 2023](#) in March with three of his students from "Wave 1" Cohort: Sullivan Gutierrez Torres, 20, who attends Agnes Scott College in Decatur, Georgia; Logan Slimp, 18, of Albuquerque, New Mexico, and Nejon McBride-Stubbs, 20, of Prairie View, Texas. (Bob Inderbitzen, NQ1R / ARRL, photo)

better understanding of the electromagnetic spectrum and get them ready for their amateur radio training and licenses," said Alexander.

The Ham Radio Project is operated by the NRAO's Office of Diversity and Inclusion, which has similar programs designed to increase equitable access to STEM education and careers.

ARRL contributed license manuals for students participating in the project.

Below is a list of qualifications for the program:

- Must be 18-20 years old as of August 7, 2023.
- Must be a US citizen or a permanent resident.
- Must demonstrate an interest in STEM.

Must have access to a computer or smart device; all other equipment will be provided.

Students selected will:

- Receive a stipend totaling \$4,000, with \$100 weekly for 40 weeks in two sessions
- Attend weekly meetings with dedicated mentors to learn more about the electromagnetic spectrum and how it is used in a variety of STEM fields
- Receive long-term networking opportunities with NRAO programs and amateur radio clubs
- Receive opportunities to attend conferences and apply for paid summer research experiences
- Participate in hands-on experiences
- Train to become a licensed amateur radio operator

The application deadline is June 1, 2023. For more information or to apply, please visit [superknova.org/ham-radio-project](http://superknova.org/ham-radio-project).



## USA ARDF 2023 Championships Results

The results from the 22<sup>nd</sup> USA Radio Orienteering Championships (ARDF) have been posted.

This year's event took place April 19 - 23, at Cooper Lake State Park near Dallas, Texas.

The event saw participation from 34 individuals representing nine US states and Ontario, Canada. April 19 was dedicated to radio direction finding training and practice. The competitions began April 20 and helped determine the members of Team USA, who will participate in the ARDF World Championships scheduled for August 27 - September 2, 2023, in Liberec, Czech Republic.

Here are direct links to all of the results for the 4 days of competition:

[Sprint competition](#), Thursday, April 20  
[Foxoring competition](#), Friday, April 21  
[Classic competition, First Day](#), Saturday, April 22  
[Classic competition, Second Day](#), Sunday, April 23

Maps were provided by the North Texas Orienteering Association. The New Mexico Orienteers of Albuquerque, New Mexico, organized and sponsored the event across state lines to bring a challenging new venue to the championships. Professional communications and logistics support was provided by the [White Rock Lake Amateur Radio Club, WA5WRL](#).

The Event Director Gerald Boyd, WB8WFK, said, "The terrain at this championship was the most challenging of any championship in memory. The relative flatness of the course was more than compensated for by the challenges posed [by] the thorny vegetation."

Plans are underway for the 2024 USA Championships to take place in Michigan.

The name Radio Orienteering has been around for a long time and has been frequently applied to

the ARDF sport, but it hasn't been recognized in any official sense. The ARRL ARDF committee has decided to officially favor the use of the term Radio Orienteering because it is more descriptive of the sport (especially to the orienteering community), and Amateur Radio Direction Finding is often confused with other radio direction-finding activities (like mobile t-hunting).

For more information on radio orienteering, visit [Amateur Radio Direction Finding \(arrl.org\)](http://amateur-radio-direction-finding.org).

## The Rooster Net: For Whom the Rooster QSOs!

On May 26, 2023, The Rooster Net will celebrate 24,000 daily sessions on 3.990 MHz.

Doug Frothingham, K2IZI (SK), founded the Rooster Net on September 10, 1957. The net has met at 6:00 AM Eastern time every day without any interruptions since, possibly making it the longest-running amateur radio net.

Besides its more-than- 65-year existence, the Rooster Net operates without any rules or a traditional club structure. It depends upon the goodness of the amateur radio operators that make up the group and traditions they have established over the years.

Roy Hook, W8REH, is the Chief Rooster, and he says the flock is unique. "Unlike most ham groups that focus on specific areas of interest, the Roosters



(members) [are] interest[ed] in not only every individual [ham], but also everything ham radio,"

Chief Rooster Roy Hook, W8REH, in his "rooster shack". Photo courtesy of the Rooster Net.

said Hook. The net opens every day of the week with a different net control team and a brief description of the net by the control operator, "open to all properly licensed amateurs; everyone wants to hear what you have to say," even if your work schedule or other circumstances don't allow you to stay and listen for the whole duration of the net.

Hook says there is one common question he answers frequently about the net: where does the net operate from? "I describe it as an area bounded by the Atlantic Ocean on the east and wherever 75-meter propagation permits at 6:00 AM," said Hook.

A typical morning check-in list has 50 to 60 Roosters from all over the globe, from Canada to Florida, west to Tennessee, Ohio, Michigan, and beyond. Occasionally, Roosters in Puerto Rico, South America, Arizona, and Montana have checked in. Roosters flock to many national ham radio events and attend an annual picnic of their own to meet their friends.

During a time when rapidly changing interests, technologies, and diversity in amateur radio seem to divide organizations, the Roosters welcome all interests and personalities in order to bring the community closer together. Even more diverse than their geography is the backgrounds of the group. School teachers, aerospace engineers, telecommunication engineers, mechanical engineers and highway workers only begin to define more than 1,500 official Roosters. Hook says members like to say that celebrating traditions is the key to longevity.

The Rooster Net is certainly not for everyone, especially if some good-natured joking among friends bothers you, but on any day, you will likely hear an educational discussion on something from an infinite list of Rooster interests: DX, CW, repeaters, digital operating, contesting, astronomy, antique ham equipment, cooking, golf, antique and modern cars, remote station control, pro sports, fishing, gardening, railroading, airplanes, operating and building model railroads and airplanes, hunting, and military history and experiences.

To become an official Rooster, there is a "Crow-in Procedure" on-the-air initiation once you have checked in 20 times within 90 days between 6 and 7 AM. You have to convince a group of judges that you can follow instructions and really crow like a Rooster. Whether an official Rooster or not, everyone is always welcome to participate by visiting [www.rooster-net.org](http://www.rooster-net.org). Hook notes, "I guarantee tomorrow at 6:00 AM the rooster will crow on 3.990 MHz."

If you missed the 24,000 celebration, don't worry. The 25,000 celebration will be on February 19, 2026.

## Virginia Beach Amateur Radio Club Receives Commendation



The Virginia General Assembly recently issued a resolution commending the Virginia Beach Amateur Radio Club, W4UG (VBARC).

House Joint Resolution 681 was carried in the Virginia General Assembly by Virginia Beach Delegate Karen S. Greenhalgh. The resolution was co-patroned in the Virginia Senate by the 8<sup>th</sup> District Senator Bill DeSteph and the 14<sup>th</sup> District Senator John Cosgrove.

The commendation honored the VBARC for their many community contributions, stating, "the VBARC, an American Radio Relay League Special Service Club, has greatly served the Virginia Beach community for many years by volunteering its time and equipment for emergency and public services, and by providing exceptional aid to both local amateur radio enthusiasts and the community at large through training classes, technical projects, and other activities."

The complete resolution can be read here:

<http://leg1.state.va.us/cgi-bin/legp504.exe?231+ful+HJ681ER>

Five members of the VBARC were invited to the House Gallery of the Virginia General Assembly by Delegate Greenhalgh, where the resolution was read on the House Floor before the Virginia House of Delegates.

Delegate Greenhalgh presented the framed resolution to the VBARC at their April 2023 meeting. It was accepted by VBARC Club President Doug Duggan, N4IRK.

## Ohio's Rooster Net Has Good Company

Last week's Ohio Rooster Net [story](#) in the May 4, 2023, issue of *The ARRL Letter* brought in two immediate responses regarding some of the longest-running nets.

First, Larry Wheeler, W9QR, reminded us that the Indiana Section Level Traffic Net, formally the Indiana Phone Net, has been active every day with a morning and evening session on the 80-meter band since January 19, 1947.

The ITN started out as an AM net that switched to SSB in the 1960s. The sessions now begin at 0830 AM EST on 3912 kHz and on 3910 kHz for the evening sessions at 2030 PM EST. A typical session may have five to ten pieces of formal traffic, after which a roll call of about 50 stations is called.

Wheeler said all of this is accomplished in about 18 minutes, and then the net is closed. Operators who hear the net for the first time are amazed at its efficiency. Before the days of long-distance telephone service, it was commonplace for the net to handle more than 1,000 messages each month.

Then, Harold Lines, W7DPS, checked in to alert us that on the evening of December 20, 1948, the [Oregon Emergency Net](#) (OEN) held its very first official session. "By my calculations, that makes 27,163 daily sessions, including the one we just held tonight. Session number 28,000 should happen on August 18, 2025," said Lines.

The OEN got its start in May 1948, when a combination of melting snow and heavy rains caused unprecedented flooding in the Pacific Northwest. Along with damage throughout the area, the community of Vanport, in the Portland, Oregon metropolitan area was completely destroyed. The incident left about 18,000 people homeless. As a result of the massive amount of health and welfare traffic generated by the flooding, Oregon amateurs decided to form an "organized statewide amateur emergency communications network," according to the OEN's history provided on their website.

Chief Rooster Roy Hook, W8REH, congratulated the OEN in advance for its 75<sup>th</sup> anniversary coming up in December 2023, and thanked both clubs for their accomplishments. Hook concluded that, "celebrating traditions is key to longevity."

**The David Kalter Memorial Youth Adventure 2023 trip to Curacao has been cancelled.** [The Dayton Amateur Radio Association](#) (DARA) Board, parent organization of the David Kalter Memorial Youth Adventure, regrets to announce there was not enough time to put a successful plan together and allow participants to obtain passports in a timely manner. Please watch out for further updates on activities soon.

**Puerto Rico 's Amateurs Celebrated Dia del Radioaficionado on Tuesday, May 9.** "Radio Amateur Day" was marked by a proclamation from Governor Pedro Pierluisi and Secretary of State Omar Marrero. It recognizes the voluntary help amateurs have offered in times of emergency like Hurricanes Irma and María and the 2020 earthquake. Celebrations included a special 2-meter net from the Federación de Radio Aficionados de Puerto Rico (FRA), an ARRL Affiliated Club. May is National Radio Month on the island. Radio amateurs in Puerto Rico are affectionately known as "kapecuatos", the phonetic spelling (in Spanish) of the KP4 prefix.

**The 2023 National Hurricane Conference was held April 4 - 5 in New Orleans, just before the start of the hurricane season in June.** The event was a forum for education and professional

training in hurricane and disaster preparedness. More than 1,500 people attended from around the country. The conference covered all major aspects of hurricane preparedness, response, and recovery. As part of the conference, there was an Amateur Radio Communications Workshop. ARRL Director of Emergency Management Josh Johnston, KE5MHV, and Rob Macedo, KD1CY, Director of Operations, VoIP Hurricane Net and ARRL ARES Eastern Massachusetts Section Emergency Coordinator were featured as speakers. Watch the updated NHC Conference Amateur Radio Workshop presentations at <https://youtu.be/iTpRE0PriJU>.

## NASA Astronaut to Contact Two Schools from the International Space Station

Amateur Radio on the International Space Station (ARISS) has received schedule confirmation from NASA for two radio contacts from Astronaut Warren Hoburg, KB3HTZ, aboard the International Space Station (ISS). Both contacts will take place on Friday, May 19, 2023.

The first contact will be with students at Webb Bridge Middle School in Alpharetta, Georgia, at 18:20:31 UTC. A livestream will be available at



NASA Astronaut Warren Hoburg, KB3HTZ

[www.ariotti.com](http://www.ariotti.com) 15 minutes before the contact begins.

Webb Bridge Middle School is a public school with a total enrollment of 1,188 students in grades 6 through 8. Alpharetta is a northern suburb of Atlanta. The primary audience for the ARISS contact will be their 6th-grade students, ages 11 and 12, who study geology and space sciences during the year.

The second contact will be at 18:58:08 UTC with Fairview Elementary School in Olathe, Kansas. A livestream will be available for the contact at <https://youtube.com/live/7eSFpxe0Fro?feature=share>.

Fairview Elementary School is a Title 1 public elementary school with a total enrollment of 250 students in grades Pre-K through 5. Olathe is just outside Kansas City and has a population of 140,000.

ARISS conducts 60 - 80 of these special amateur radio contacts each year between students around the globe and crew members with ham radio licenses aboard the ISS.

ARISS is a cooperative venture of international amateur radio societies and the space agencies that support the ISS. In the US, participating organizations include NASA's Space Communications and Navigation program (SCaN), the ISS National Laboratory's Space Station Explorers program, [ARRL The National Association for Amateur Radio](http://www.ariotti.com)®, and AMSAT.

**AMSAT is seeking nominations for the 2023 AMSAT Board of Directors election.** The election will be held in the third quarter of this year. The seats of the following four incumbent Directors expire in 2023: Jerry Buxton, N0JY; Joseph Armbruster, KJ4JIO; Robert Bankston, KE4AL, and Zach Metzinger, N0ZGO. Two alternate Directors may also be elected for one-year terms. A valid nomination for Director requires either one Member Society or five current individual members in good standing to nominate an AMSAT member. The nomination must be written and include the nominee's name, call sign, and contact information, as well as the nominators' names, call signs, and contact information. Nominations should be sent to AMSAT Secretary Jeff Davis,

KE9V, at PO Box 11, Yorktown, Indiana 47396, or to his email at [jdavis@amsat.org](mailto:jdavis@amsat.org). The deadline for nomination is June 15, 2023. For additional information, contact [AMSAT](#).

A special thanks to Jeff Davis, KE9V, AMSAT Secretary, for the information.

**May 31, 2023, will be the 25<sup>th</sup> anniversary of the May 31, 1998, severe storm outbreak locally known as the F3 Mechanicville, New York, tornado.** The severe thunderstorms produced 20 tornadoes along with hundreds of damaging winds and large hail reports within a two-hour drive of Albany, New York. This link <https://www.weather.gov/aly/31May1998Severe> from the National Weather Service has details and a radar image of the storms, examples of the extensive damage, and a National Disaster Survey report that details amateur radio's assistance with warning and recovery. It also outlines the changes and improvements that led to today's storm warning procedures.

## ARRL and FEMA Sign Agreement: Ham Radio is as Relevant as Ever

[ARRL The National Association for Amateur Radio](#)® has entered into an updated [Memorandum of Agreement](#) (MOA) with the Federal Emergency Management Agency (FEMA). The agreement will enhance cooperation between ARRL's emergency communications program, the [Amateur Radio Emergency Service](#)® (ARES®), and FEMA in providing disaster communications. The agreement emphasizes the importance of skilled Amateur Radio Operators in times of crisis and the role of ARES leadership within the emergency communications space.

ARES (see the ARES fact sheet at [www.arrl.org/ares](http://www.arrl.org/ares)) is a network of trained Amateur Radio Service licensees organized across the country to provide communications and other support to [served agencies](#), such as local governments, hospitals, and disaster response charities. More than 20,000 ARES volunteers actively participate in the ARRL program. In 2022, they provided more than 420,000 labor hours of service saving local officials \$13.4 million in personnel costs.

Each member of ARES has specialized training in emergency communications. Many have also completed training in the National Incident Management System (NIMS) in order to integrate with local officials during an emergency response.

In March 2023, FEMA released the final version of the NIMS Information and Communications Technology (ICT) Functional Guidance, which [includes radio amateurs in the response ecosystem](#) and national emergency preparedness.

"The agreement is representative of the continued commitment and cooperation between FEMA and ARRL," said ARRL Director of Emergency Management Josh Johnston, KE5MHV. "Serving our country during emergencies is an important service provided by ARES volunteers and a principal purpose of our Amateur Radio Service. Our well-equipped volunteers bring their training, use of innovative technologies, and community partnerships together to serve before and during disasters."

FEMA announced the new agreement on [Twitter](#) stating, "We recently signed a new MOA with @arrl -- establishing our partnership with licensed, voluntary amateur radio operators to support response [and] recovery efforts. We're honored to work side-by-side to meet the needs of millions in the wake of disasters."

Read the full story on the ARRL [website](#).

## Gomez Nominated for Vacant FCC Seat, Two Commissioners Renominated

President Joe Biden announced three nominees for the Federal Communications Commission (FCC) on May 22, 2023. The President will nominate Anna M. Gomez for a vacant FCC seat. Two sitting Commissioners, Geoffrey Starks and Brendan Carr, will be nominated for new terms at the same time.

Gomez is an attorney with decades of experience in domestic and international communications law and policy. Gomez currently serves as a Senior

Advisor for International Information and Communications Policy in the State Department's Bureau of Cyberspace and Digital Policy, where she has been leading US preparations for the monthlong WRC-23 conference that will commence on November 20 in Dubai. [ARRL The National Association for Amateur Radio®](#) has represented the interests of US radio amateurs in preparation for the conference, and ARRL Technical Relations Specialist Jon Siverling, WB3ERA, has been appointed to the US delegation to WRC-23. ARRL also actively supports the work of the [International Amateur Radio Union](#) (IARU), which, as a member of the ITU Radiocommunication Sector, participates in conference preparatory work and whose representatives will also attend WRC-23 by invitation as observers in an advisory capacity.

Earlier in her career, Gomez served for 12 years in various positions at the FCC, including Deputy Chief of the International Bureau and Senior Legal Advisor to then-Chairman



William E. Kennard. Anna M. Gomez, a veteran government attorney, has been nominated by President Biden to fill a vacant seat as an FCC Commissioner. From 2009

to 2013, she served as the National Telecommunications and Information Administration Deputy Administrator. Gomez also briefly served as Counsel on the Senate Committee on Commerce, Science, and Transportation Subcommittee on Communications, as well as Deputy Chief of Staff of the National Economic Council during the Clinton Administration. Prior

to joining the State Department in 2023, Gomez was a partner in the Washington, D.C. law firm Wiley LLP. Gomez also was Vice President for Federal and State Government Affairs at Sprint Nextel and an Associate at the Arnold & Porter law firm.

Senate hearings on all three nominees are expected to be held in June.

## Dayton Hamvention® 2023 Wrap Up

Dayton Hamvention® 2023 was held May 19 - 21 in Xenia, Ohio -- and all indications point to a successful event.

ARRL greeted attendees in its large exhibit area in the "Tesla" building. Traffic to the exhibit was brisk. Members and prospective



members enjoyed meeting with dozens of ARRL program representatives and volunteers. The event hosted the ARRL Great Lakes Division Convention.

While the final count is still a few days away from being completed, Hamvention spokesperson Michael Kalter, W8CI, said this was a great year, a great event, and it all started with a great team.

"[We] had great [weather, tremendous] efforts by the 700 plus volunteers, [and] outstanding community support, including [from] the Greene County Sheriff's Office, the Xenia Police Department, and Xenia officials," said Kalter. "A big thank you to everyone, especially ARRL, for its work co-developing the Event App, and, of

course, all of the amateur radio operators and everyone who attended the event." Goodgame added.

Kalter said ticket sales were up this year and he expects attendance to surpass last year's count of 31,367. The good weather helped draw crowds, and other than some rain in the early morning hours of Saturday, blue skies and fair temperatures prevailed.



The ARRL Exhibit at Dayton Hamvention 2023.

ARRL Education and Learning Manager Steve Goodgame, K5ATA, said the Education and Learning booth was packed with people for the duration of the event. "We shared information with attendees about the [ARRL Learning Center](#), the [Teachers Institute](#), and using ham radio for STEM education and youth outreach," said Goodgame.

"We also partnered with YouTube content creator Carlos Ortiz, KD9OLN, whose channel is *LifeAt-*



Jaylen Stoneburner, 14, makes a contact with Carlos Ortiz, KD9OLN, parachute mobile at Hamvention. Steve Goodgame, K5ATA, serves as control operator.

*TerminalVelocity*, and facilitated a youth-only parachute-mobile event. Carlos jumped from an airplane at 10,500 feet and made contacts with 13 youth, then their parents, for a total of roughly 25 contacts before landing. It was an amazing opportunity to engage youth in amateur radio with something that is different than the norm,"

ARRL Great Lakes Division Director Dale Williams, WA8EFK, moderated a Saturday afternoon ARRL membership forum, which included short presentations from ARRL Treasurer John R. Sager, WJ7S; Director of Operations Bob Naumann, W5OV; CEO David A. Minster, NA2AA, and President Rick Roderick, K5UR.

Sager highlighted the work of ARRL's Investment Management Committee (IMC) and CAPTRUST, an outside investment firm that was selected to actively manage ARRL's investment portfolio for the benefit of its members. Naumann provided an update on [The ARRL Logbook of The World](#) (LoTW) that included recent improvements that have significantly reduced, and sometimes nearly eliminated, log processing queues. Minster highlighted a handful of ARRL initiatives including the yearlong theme, Year of the Volunteers, and its complementary operating event, [Volunteers On the Air](#) (VOTA). He encouraged members to "reach one rung higher" in their contributions to ARRL volunteerism and support. He also introduced the new ARRL [Estate Planning Workbook](#), which is intended to help members develop a plan for their equipment and amateur radio legacy, which will ultimately benefit spouses and other family members following an amateur's lifetime. Roderick charged members with concentrating on their efforts to make an impact on amateur radio, encouraging newcomers and youth, and ensuring their legacy for amateur radio.



Seen at Hamvention: ARRL member Doc Smith, Jr, KW8C, of Huron, Ohio.

The ARISS booth drew in attendees to learn more

about [Amateur Radio on the International Space Station](#) and opportunities to participate and volunteer. Among the program representatives were ARISS Chairman Frank Bauer, KA3HDO, and ARISS USA Delegate Rosalie White, K1STO, representing ARRL. ARISS is celebrating 40 years of amateur radio on human spaceflight vehicles.

In the ARRL exhibit area, a banner emblazoned with "ARRL Collegiate Amateur Radio Program" hung above a booth

adorned with university pennants that was swarmed with young adults. Student hams from colleges and universities around the country volunteered to help ARRL promote the collegiate program and the participation of their respective radio clubs and schools. These young hams greeted attendees with stories of how amateur radio is furthering their interest in wireless communications and other areas of STEM education. Their experiences are also leading to advanced careers in radio technology and related fields. The bright spotlight on young hams contributed a welcome message to all who passed by: "The next generation of radio amateurs is already here, and they're already active." ARRL's [YouTube channel](#) includes a short video with some of the student participants.

The Hamvention flea market was active again this year, and even picked up a nickname -- The Big Island -- a nod to its oval shape near the grandstand.

Kalter summed up the event as a great experi-

ence for everyone and noted that work has already started on the [Hamvention](#), May 17 - 19, 2024. The event is planning to host the 2024 ARRL National Convention.

Read a complete recap of each day's events, written by ARRL Acquisitions Editor Mark H. Derks, KC1RVQ, using the links below.

[Countdown to Dayton Hamvention](#)  
[Day 1: Friday, May 19, 2023](#)  
[Day 2: Saturday, May 20, 2023](#)  
[Day 3: Sunday, May 21, 2023](#)

See ARRL's photo album of Dayton Hamvention 2023 at <https://tinyurl.com/ARRL-at-2023-Hamvention>.

## Memorial Day Special Event Station On Board the USS Slater

In observance of Memorial Day, the East Greenbush Amateur Radio Association (EGARA) will operate special event station WW2DEM on board the USS Slater on Sunday, May 28, 2023. WW2DEM is also the ship's official call sign.

The USS Slater, a museum ship docked in Albany, New York, is the last destroyer escort still afloat and has been restored to its original wartime configuration.

During the event, EGARAs members will use voice modes and Morse code to make contacts and employ the ship's vintage World War II-era shipboard transmitter.

The station will operate from 8 AM to 4 PM EDT, and additional frequencies expected to be used will be on or near:



L to R, Great Lakes Division Director Dale Williams, WA8EFK, ARISS USA Delegate Rosalie White, K1STO, and Rocky Mountain Division Director Jeff Ryan, K0RM



- 3885 kHz AM/SSB

- 7062 kHz CW/SSB

- 7262 kHz SSB

- 14062 kHz CW/SSB



Photo courtesy of USS Slater/Destroyer Escort Historical Museum.

14262 kHz SSB

"Our amateur radio club is pleased to be able to partner with the Destroyer Escort Historical Museum to honor our veterans, as well as the Slater itself," said EGARA President Bryan Jackson, W2RBJ. "We hope our special event station will bring attention to the ship and the service the destroyer escorts provided [during World War II] to protect convoys from enemy submarines as they helped to safely transport critically needed troops and supplies across the Atlantic and the Pacific."

Confirmed contacts may request a special event QSL card by sending a #10 self-addressed, stamped envelope to EGARA, 983 Sterling Ridge Drive, Rensselaer, New York 12144.

For more information about the USS Slater, visit [USS Slater](#).

The [East Greenbush Amateur Radio Association \(EGARA\)](#) is an ARRL Affiliated Club.

## ARRL Section Manager Spring Election Results

The results of two balloted Section Manager elections held this spring were determined when the ballots were counted at ARRL Headquarters on Tuesday, May 23, 2023.

John Bigley, N7UR, incumbent Section Manager of the ARRL Nevada Section, was re-elected when he received 277 votes, and Jim Shepherd, W6US, of Sparks, received 177



John Bigley, N7UR, Section Manager of the votes. Bigley, of Las Vegas, has been serving as Section Manager since 2015 and has held other ARRL Field Organization and club leadership positions for more than 20 years. Bigley's new 2-year term of office starts July 1.

Nancy Austin, KC1NEK, was elected as ARRL Rhode Island Section Manager when she received 129 votes, and incumbent Section Manager Bob Beaudet, W1YRC, received 127 votes.

Austin, of Middletown, is the President of the Newport County Radio Club, and she will begin a 2-year term of office on July 1.



Nancy Austin, KC1NEK, Section Manager Elect of the ARRL Rhode Island Section.

Beaudet, of Cumberland, has served as ARRL Rhode Island Section Manager for 21 years.

The following incumbent Section Managers were

the only nominees in their respective Sections when the nomination period closed on March 10, and were declared re-elected. Their new 2-year terms of office begin July 1: Chris Van Winkle, AB3WG (Maryland-DC); Peter Stohrer, W1FEA (New Hampshire); Bob Buus, W2OD (Northern New Jersey); John Litz, NZ6Q (San Joaquin Valley); Pat Malan, N7PAT (Utah), and Dale Durham, W5WI (West Texas).

## John Gendron, NJ4Z, Appointed South Carolina Section Manager

ARRL has named John Gendron, NJ4Z, as the South Carolina Section Manager. He will complete the term of Marc Tarplee, N4UFP, who passed away after a brief illness.

Gendron, an Amateur Extra-class operator, is President of the York County Amateur Radio Society (YCARS) and a member of the



John Gendron, NJ4Z, Section Manager of the ARRL South Carolina Section.

Swamp Fox Contest Group. In addition to being an avid contester and DX chaser, Gendron enjoys participating in Parks on the Air. He has earned numerous ARRL awards, including the Worked All States and Triple Play Worked All States awards, and is closing in on 5-Band DXCC.

Gendron also hosts a YouTube channel, called *From the Hamshack*. In 2022, he became the 55th recipient of the Vic Clark Roanoke Division ARRL Service Award, the Division's highest honor.

Gendron is the CEO and an owner of a regional systems integration company based in South Carolina, and he earned a degree in electrical engineering from Youngstown State University in Ohio. He and his family reside in Rock Hill,

South Carolina.

Gendron's appointed term as Section Manager will continue through December 31, 2024.

## Graduation Cap Decorated with Call Sign

It's graduation season for high schools across the country.

This rite of passage is often accompanied by the chance for graduates to decorate their caps for the festivities, and one teenage ham in Oklahoma chose to decorate hers with her call sign.

Cassie Whetstone, KI5DBQ, poses with her cap and diploma from Mangum High School. Photo courtesy of Cassie Whetstone, KI5DBQ.



Cassie Whetstone, KI5DBQ, is a graduate in the Mangum High School class of 2023. She was also a part of the school's Tiger Radio Club, KF5CRF, through which she earned her license. Her graduation cap was decorated with monarch butterflies and a bright floral design on each corner. Sparkly rhinestones lined the cap's edges, and "73's KI5DBQ CLEAR!" was printed down the center.

See a bigger photo of the cap and leave your well wishes for Cassie on the [ARRL Facebook page](#).

**Marconi's yacht will be on the air from June 10 - 11, 2023, with the special event call sign IY4ELE.** For the past 9 years, the A.R.I. Fidenza (Italian Amateur Radio Association), has celebrated a technical and cultural event for the Guglielmo Marconi Foundation at Villa Griffone in Pon-

tecchio Marconi, Bologna, Italy (Guglielmo Marconi's birthplace). The purpose of the event is to highlight, at an international level, the historical value and meaning of Marconi's yacht, *Elettra*, which was the moving laboratory of the great Italian scientist. Several important radio-communications experiments were conducted on board the yacht by Marconi during the inter-war period. Over the event weekend, amateur radio operators from around the world will have a chance to contact IY4ELE, which will be operated by A.R.I. Fidenza club members via a radio station located near the keel of the *Elettra*. For more information, visit [www.arifidenza.it](http://www.arifidenza.it).

**Amateur Radio on the International Space Station (ARISS) has announced the schools and host organizations selected for the January - June 2024 window.** Of the ARISS education proposals submitted during the recent proposal window, 11 have been accepted to move forward in the planning process for hosting a scheduled amateur radio contact with crew on the ISS. The primary goal of the ARISS program is to engage young people in Science, Technology, Engineering, Arts, and Math (STEAM) activities and raise their awareness of space communications, radio communications, space exploration, and related areas of study and career possibilities. A complete list of the schools and hosts is available on the [ARISS website](http://www.ariss.org). The ARISS program anticipates that NASA will be able to provide scheduling opportunities for these US host organizations. They are now at work completing an acceptable equipment plan that demonstrates their ability to execute the ham radio contact. Once their equipment plan is approved by the ARISS operations team, the selected schools and organizations will be scheduled, as their availability and flexibility match up with the scheduling opportunities offered by NASA from January through June 2024.

**Carl Gardenias, WU6D (SK), of Perris, California, passed away on May 9, 2023.** He was 78 years old. Gardenias was elected Section Manager of the ARRL Orange Section in 2003 and retired in 2021. He held an Amateur Extra-

class license and served as an ARRL Volunteer Examiner, Field Instructor, and Field Examiner for ARRL Emergency Communications courses. He was a member and former President of the Southern California DX Club (SCDXC) in 1991, DXer of the Year in 2000, and Chairman/Co-Chairman of the International DX Convention for many years. Gardenias and his wife, Cathy, K6VC, had been traveling the United States. Most recently, they were serving as hosts at a KOA campground in Montana. Funeral arrangements are pending.

**ARRL Headquarters has position openings for full-time careers.** Available job opportunities include Development Associate, Digital RF Engineer, Marketing Operations Manager, Member Services Representative, and Senior Lab Engineer. Job descriptions and instructions for applying can be found at [www.arrl.org/careers](http://www.arrl.org/careers). *ARRL is an equal opportunity employer.*

**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](mailto: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](https://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](https://www.redcross.org/get-help/disaster-relief-and-recovery-services/contact-and-locate-loved-ones.html)

Facebook Safety Check  
[www.facebook.com/about/safetycheck](https://www.facebook.com/about/safetycheck)

Hurricane Watch Net  
[hwn.org](http://hwn.org)

VOIP Hurricane Net  
[voipwx.net](http://voipwx.net)

Amateur Radio at the National Hurricane Center  
[www.WX4NHC.org](http://www.WX4NHC.org)

FEMA - Federal Emergency Management Agency  
[www.fema.gov](http://www.fema.gov)

Ready.gov - Plan ahead for disasters  
[www.ready.gov](http://www.ready.gov)

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

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## 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),

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**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](http://www.groups.io) (search for Ten-Tec Legacy nets).

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**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](mailto:n5nc@msn.com)

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### 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](mailto:gfaust1963@gmail.com)

March 2023

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### 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



# 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

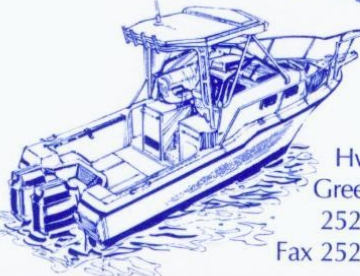
<http://www.pcra.us/>

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**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

- June 1 -- NRAU 10m Activity Contest (CW, phone, digital)
- June 1 -- SKCC Sprint Europe (CW)
- June 3-4 . . . . . International Digital Contest
- June 10-12 . . . . . June VHF Contest
- June 13 . . . . . BARC Meeting 6:30pm, Field Day Prep (7pm Zoom)
- June 8 . . . . . **Pamlico** Meeting 7pm **NEW MEETING TIME/DATE**
- June 17 . . . . . BARC Breakfast 9am
- June 17 . . . . . Kid's Day (June)
- June 24-25 . . . . . ARRL **Field Day** (always 4th full weekend)
- June 27 . . . . . BARC Board 7pm Zoom
- 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 7 - June 13** -- Louisiana W1AW/5

**June 7 - June 13** -- Alabama W1AW/4

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# CALENDAR OF EVENTS

## Upcoming Section, State, Division Conventions and Hamfest

2023:

**June 2- 4,** [SEA-PAC](#), hosting the ARRL Northwestern Division Convention, Seaside, Oregon

**June 3,** [Atlanta Hamfest](#), hosting the ARRL Georgia Section Convention, Marietta, Georgia

**June 4,** [BreezeShooters Hamfest](#), hosting the ARRL Western Pennsylvania Section Convention, Prospect, Pennsylvania

**June 17,** [Knoxville Hamfest and Electronics Convention](#), hosting the ARRL Tennessee State Convention, Knoxville, Tennessee

Search the [ARRL Hamfest and Convention Database](#) to find events in your area.

**June 8,** Rowan Amateur Radio Club Hamfest in Salisbury. <https://rowanars.org/#:~:text=The%20Firecracker%20Hamfest%20is%20a%20go%21,July%208th%20at%20the%20Salisbury%20Civic%20Center>.

**June 23 - 25,** [HAM RADIO](#), Friedrichshafen, Germany

**June 17,** [Knoxville Hamfest and Electronics Convention](#), hosting the ARRL Tennessee State Convention, Knoxville, Tennessee

**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> .

**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.