

# Ham Chatter



Volume 58 Issue 8

An Official BARC, W4AMC, and PARC, Publication

August 2024

Editor, Mark, KG4GVJ

Email: [hamchatter@w4amc.com](mailto:hamchatter@w4amc.com)

## SURVEY Results

Thank you folks for responding. Basically, the survey said it was too long, keep the beginning and the end.

## BARC Board and interested parties:

I have finished reconciling the email address book with the master roster. Going forward more people will get the newsletter and meeting emails as some email addresses were missing from the address book. They may have been lost in translation in the export from Peter to me. If an address was missing, I added the one listed in the Roster. I also compared the two and looked at notes that Peter left to select the best email address if more than one was listed. The email account has 4 groups now: BARC Board, BARC Members Current, BARC Members Expired, and Non-Members (people who just like to receive the newsletter).

We have, according to the data I was given:

5 forever members

37 current paid members

12 members paid in 2023 but not 2024

29 members have not paid since before 2023 but are still listed in the roster. Some of these people have been members for decades.

-Scott K9SPJ

## Ideas Wanted For The Club!

Ideas of what YOU want to do as a Club. Trips, Events, Contest, projects, car pools to/from? Give all of us a chance to say

THAT'S IT!

New calendar towards the back of these.

**BARC General meeting July 9, 6:30pm in person and ZOOM All members, families and guests are invited to attend.**

**The Oakwood School**, in the Music Room. 4000 MacGregor Rd, Greenville, NC (Check before meeting on location at website)

**BARC August 13,**

**Speaker:** Dave Roy W4DNA, National Traffic System

**PARC August 8**

**BARC September 10**

Dave Woods House for a picnic and Swapfest

**PARC September 12**

BARC Breakfast location has changed names, now: "The Bake My Day" at 2803 Evans St, Greenville, NC. Remember, it's on the Saturday following the General meeting.

**BARC Board Meeting - August 27, 2024. ZOOM**

## 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 :

08-01 KG4GVJ Mark  
 08-19 KS4YF Paul  
 08-20 KV4CN Dave  
 08-21 WA4AKB Susan  
 08-25 K4GOE Al

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

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

## 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:

*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 W3JUU

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

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



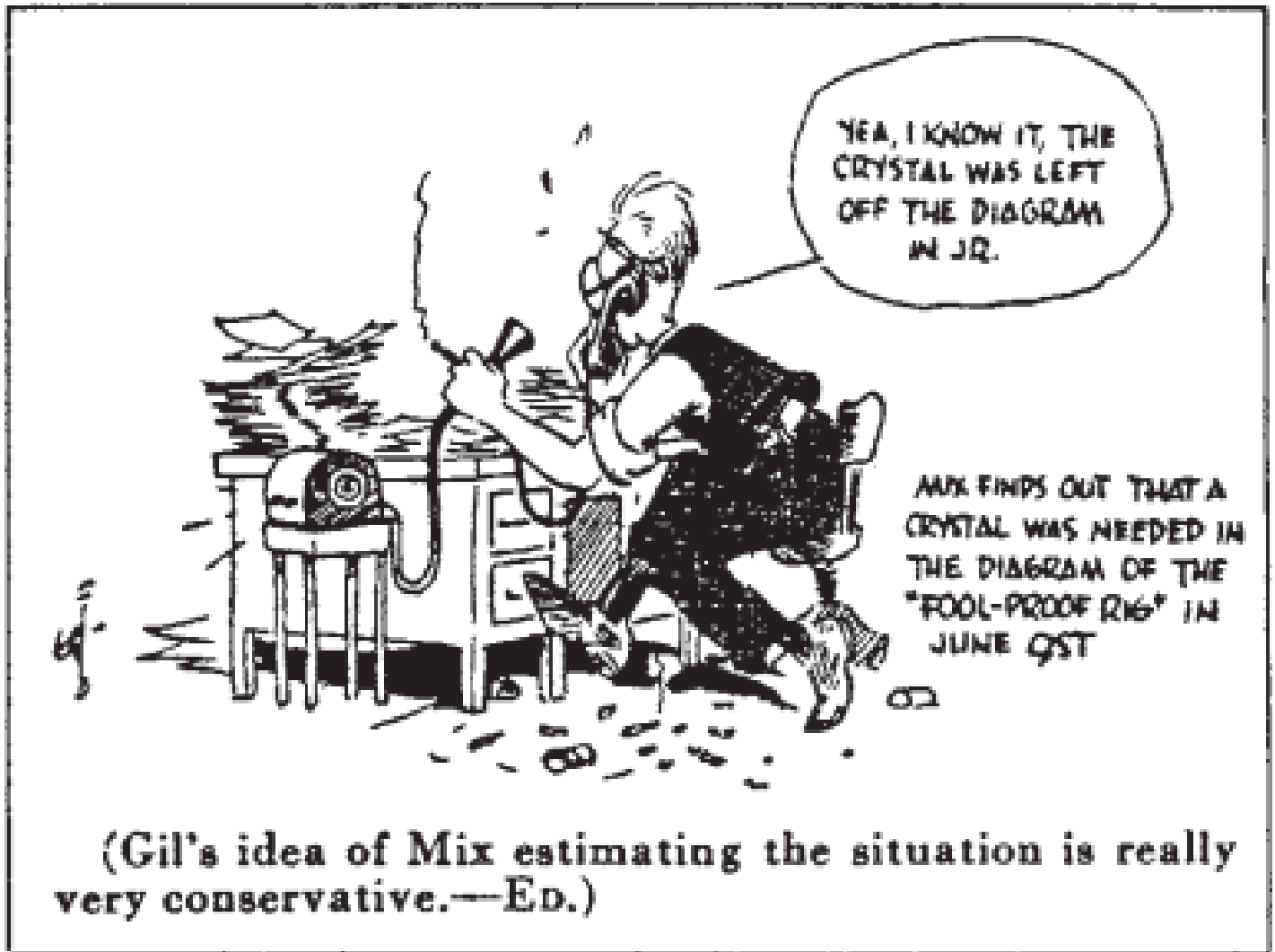
Happy August to my fellow hams!

As I write this (Saturday, June 27), we are drying out from DAYS of rain. My rain gauge is showing that we had at least 9 inches of rain over the past week. And there are chances for more rain and stormy weather in the 10 day forecast. Is your gear protected from intense weather that we may get in the usual mix of occasional thunderstorms? Are you set up for weather alerts? Do you have high quality surge protectors? Is everything grounded adequately?

Our guest speaker for the August meeting will be Dave Roy, W4DNA, who runs the Eastern North Carolina Traffic Net, nightly at 20:30 on 146.685. Check it out and have your questions ready. Included are some general tips for participating in a traffic net.

1. Listen First: Before jumping in, listen to the net to understand its structure and procedures. Pay attention to how messages are passed and how operators interact.
2. Follow Net Control: The Net Control Station (NCS) manages the net. Wait for their instructions and only transmit when invited to do so. This keeps the net organized and efficient.
3. Be Prepared: Have a notepad and pen ready to copy messages accurately. Ensure your equipment is functioning properly before the net begins.
4. Use Proper Phonetics: When spelling out messages, use the NATO phonetic alphabet to ensure clarity. For example, "A" is "Alpha," "B" is "Bravo," and so on.
5. Keep It Short: Be concise and to the point when transmitting. This helps keep the net moving smoothly.
6. Acknowledge Messages: Confirm receipt of messages clearly. A simple "Roger" or "QSL" lets the sender know you've received and understood their message.
7. Practice Patience: Traffic nets can be busy, and you may need to wait your turn. Be patient and courteous to fellow operators.
8. Learn from Others: Experienced operators can offer valuable tips and techniques. Don't hesitate to ask questions and learn from their expertise.

And looking ahead, save the date for Hamvention 2025 at the Greene County Fairgrounds and Expo Center near Dayton, OH. The dates are May 16, 17, and 18. Several of our members are interested in carpooling or caravanning and getting an AirBnB together. Please let me know if you are interested.



July, 1941



## Gary NG9T's PARC President's Corner



Hi Everyone,

Well I hope that everyone had a fantastic Field Day!! The hams of PARC worked this year from Goose Creek State Park and had a great weekend. Lots of visitors, great weather, another one in the books.

After Field Day every year my favorite event of the year comes along, The 13 Colonies Event. The event ran from July 1 through July 7. I volunteer each year to work CW as K2J, the callsign for North Carolina. This year NC won the award for most QSOs with over 30,000, the most ever by any state. It was a great accomplishment for the NC operators.

We are in the dog days of summer even though I felt like I needed an ark with all the rain. Planning more events and looking forward to Shelby and later JARSFEST.

73

Gary Faust NG9T  
President, Pamlico Amateur Radio Club

### **2024 PARC Officers:**

Gary Faust, NG9T President  
Scott Pollard, K4WSP Vice President  
Cheryl McGuire, KX4EC Secretary/Treasurer

### **PARC Club Dues:**

Dues for 2024 are Due now. \$24.00 and only \$1 for immediate family members.

### **PARC Meetings:**

2nd Thursday of the month at 7:00pm at:  
Zion Episcopal Church  
7302 US-264 E  
Washington, NC 27889

**Note:** GPS sometimes takes people to West side of Washington. The church is East of Washington, towards Bath. About 7 10ths of a mile past Hwy 32.

Also: Meetings are Zoomed for those who cannot attend in person.

### **Wednesday Breakfast:**

Every Wednesday morning at 8:30am at:  
Shep's Grill  
129 N. Market St  
Washington, NC 27889

**Note:** Park in rear lot, use back door.

### **PARC Nets:**

**Tuesday Nights:** 80m sideband Net, at 7:00pm

3,850mhz unless frequency is occupied, then we move to closest open frequency.

**Thursday Nights:** 2m repeater Net.

Currently on the Washington Repeater (Chocowinity) at 8pm

147.255mhz +.6mhz PL 131.8

Alternate: Bath Repeater 146.955 -.6mhz PL 131.8

**Note:** We do not have the net on Meeting nights.

**VE Exams:**

Odd months (Jan, Mar, May, July, Sept, Nov) on the Second Saturday of the month at 10am.

By appointment, we do not have walk-in exams.

Contact: Tom Kottke WT4TK [Tkottke@centurylink.net](mailto:Tkottke@centurylink.net)

**Location:**

Beaufort County EOC

1420 Highland Dr

Washington NC 27889

Upcoming Exam: September 14, please contact to reserve an exam spot

## NC Section News

The ARRL bulk email system normally used to distribute my newsletters continues to be inoperative and it will remain so for several months, perhaps into 2025.. As a result I am sending you information with a request to distribute the items to your club or group members. I am tryin go keep members informed through the 75 or so clubs in NC because I cannot use the ARRL system to reach the 2812 ARRL members in the NC Section.

Each issue of the NC Section Newsletter can be found at [ncarrl.org](http://ncarrl.org). That site will also have future newsletters and information on ARRL Issues as they are made available.

I hope you will distribute the newsletter to your club or group so that members can remain informed about ham radio in North Carolina.

If you have questions about ham radio activities within or affecting the North Carolina Section please feel free to contact me at [mkhoffman2006@gmail.com](mailto:mkhoffman2006@gmail.com).

Questions about ARRL policy, finances, awards, and contests as well as criticisms and suggestions about ARRL operation are most appropriately directed to Roanoke Division Director Jim Boehner ([jboehner01@yahoo.com](mailto:jboehner01@yahoo.com)) and Vice Director Bill Morine ([n2cop@ec.rr.com](mailto:n2cop@ec.rr.com)).

Thank you in advance for all the things that you do to support amateur radio.

Marv Hoffman, WA4NC  
NC Section Manager

July 29, 2024

**IMPORTANT INFORMATION: PLEASE DISTRIBUTE THIS NEWSLETTER TO MEMBERS OF YOUR CLUB AND/OR GROUP. THE ARRL EMAIL SYSTEM WAS HACKED AND WILL NOT BE OPERATIONAL UNTIL 2025. COPIES OF PREVIOUS NC SECTION NEWSLETTERS, AS WELL AS ALL FUTURE NEWSLETTERS, CAN BE FOUND AT <https://www.ncarrl.org>**

### GREETINGS FROM THE HIGH COUNTRY

The weather up here has varied from unusually hot to foggy or wet. It is hard to advise people who ask about what the weather will be for their planned trip up this way.

Recent rains have helped somewhat with respect to North Carolina's dry conditions but much of the state remains abnormally drive. There is a new report issued each Thursday which displays the extend of abnormally dry conditions across the state. The map can be found at <https://www.ncdrought.org/>.

### ARRL NEWS

The ARRL webpage ([arrl.org](http://arrl.org)) has the latest information concerning the massive IT hack that occurred on or around May 12. Some systems have been restored but many will be inoperative for some time to come. The bulk mail system used to distribute information from Section Managers and Division Directors apparently will be unavailable for the "foreseeable future", possibly until 2025. Reportedly DXCC and other awards will resume being processed soon. For the first time in four years, I received a paper check from ARRL (for Field Day travel) instead of the electronic funds transfers that ARRL normally uses.

### Changes Coming to ARRL ARES

Josh Johnston, KE5MHV, Emergency Management Director at ARRL, recently stated that the ARES courses and the ARES Task Book have been updated. Information can be found at <http://www.arrl.org/ares>. Operators will be able to complete Basic, Intermediate or Advanced Taskbooks, each of which have different re-

quirements and include the recently updated ARRL Emergency Communications courses. ARRL has made a policy shift in that certain FEMA ICS courses will now be required in order to complete the Intermediate or Advanced Task Books. These changes were discussed by Johnson at Dayton. His talk, including presentations by Homeland Security CISA leaders, can be found at <https://www.youtube.com/watch?v=yhbFE-JnMEc>.

### **The Human Side of Amateur Radio**

Oscar Norris, W4OXH, who was 106 years old, passed away on July 8, 2024. Oscar was an active ham until the past month when his health declined. Despite having lost his sight several decades ago, for a long time he trued up bicycle wheels. He was well liked and was reportedly the oldest living ham in the world and was without doubt the oldest ham in the North Carolina. Rest in Peace, Oscar.

When I traveled to Waynesville for the hamfest on July 20, I had the privilege of visiting with Dorothy "Dot" McCracken at the assisted living facility where resides. Dot McCracken, AD4D, turned 100 on June 29, 2024, and may be the oldest ham in North Carolina.

She remains sharp in her recollections of friends who were active in the Western Carolina Amateur Radio Society but have passed away. We shared conversations about Ken Woolard (WA4BVW, SK) who put the Mt. Mitchell repeater on the air many years ago. Another person we talked about was Norman Harrill (N4NH, SK) who maintained the broadcast transmitters on Mt. Pisgah and served for many years as the head of the WCARS VE Team on which Dot and her late husband, Lewis (WA4MTY, SK) served giving exams at Charlotte, Shelby and Waynesville. Others were mentioned as well.

I found her recollections of about the building of Fontana Dam and how I-40 impacted Western North Carolina to be fascinating. She shared interests with her husband Lewis that involved hiking and ham radio. It appears that her first ham license was an Extra Class and she passed the 20 wpm code test. She told me that if she was going to get licensed, she would work on her code skills till she could pass 20 wpm and then took her test and became an Extra. In recognition of her longevity, her active participation in the WCARS VE Team and for maintaining an active ham license, I awarded her the **SUGAR** (Supporting Upgrading Growing Amateur Radio) award that I created to recognize hams who have made a difference. Thanks go out to Tommie Justice, KF4PYX, for putting me in touch with Dot's daughter and for helping arrange the visit with DOT.

### **SKILLS THAT ARE BEING LOST**

The Texas Association of Broadcasters will host its final training session on how to maintain Continental AM Broadcast transmitters. Working on transmitters with tubes seems to be a lost art as solid state equipment with computerized monitoring is leading to the replacement of the venerable broadcast engineer.

A couple of years ago, at the Dupont Rescue Experience, I met up with a fellow ham who also holds an FCC First Class Radiotelephone Operator License. Turns out neither of us had ever met up with another ham who had passed the First Phone exam.

Any way, he told me how his job has changed with the newest transmitters. A computer monitors various output modules and when one fails the computer sends a message to the factory, a replacement module is shipped out and alerts the field engineer who comes by and snaps in a replacement module. Information on the Texas course can be found at [https://www.radioworld.com/news-and-business/show-news/more-show-news/tab-to-offer-historic-last-course-on-this-fm-tube-transmitter?utm\\_term=8EDE87A3-B195-4AF4-8CE8-D55DF38A1FA1&lrh=0f1f841e4aa6b92b8d3b24a6966887273a317335f3261a41997702e0add1459e&utm\\_campaign=0028F35E-226C-4B60-AC88-AB2831C8A639&utm\\_medium=email&utm\\_content=D54918DA-B962-48E0-AD55-5AE11136A31A&utm\\_source=SmartBrief](https://www.radioworld.com/news-and-business/show-news/more-show-news/tab-to-offer-historic-last-course-on-this-fm-tube-transmitter?utm_term=8EDE87A3-B195-4AF4-8CE8-D55DF38A1FA1&lrh=0f1f841e4aa6b92b8d3b24a6966887273a317335f3261a41997702e0add1459e&utm_campaign=0028F35E-226C-4B60-AC88-AB2831C8A639&utm_medium=email&utm_content=D54918DA-B962-48E0-AD55-5AE11136A31A&utm_source=SmartBrief)

### **SECTION TRAFFIC REPORT**

Each month, Dave Roy, W4DNA, NC Section Traffic Manager prepares a report that summarizes the activities of the various traffic nets within the Section.

	NET	NMGR	QNI	LISTED	PASSED	TIME	SESSIONS	TFC %
SE	<b>SECTION NETS</b>							
	CN	AA4MP	298	104	99	518	60	95.19%
	CSN	KI4KZS	133	27	25	760	30	92.59%
	NCEN	WK4WC	327	98	98	455	30	100.00%
	NCMN	W3OJO	244	92	90	266	30	97.83%
	THEN	K4SEH	NO	REPORT				N/A
LC	<b>LOCAL TRAFFIC NETS</b>							
	CWTN	N4CNX	371	128	128	630	30	100.00%
	ENCTN	W4DNA	90	2	2	126	30	100.00%
	PCTN	W4TTO	179	74	74	270	30	100.00%
	<b>SPECIAL INTEREST GROUP NETS</b>							
C-MNN	KI4FAQ	420	NA	NA	345	30	N/A	
TOTAL		2060	523	514	3370	270	98.28%	

**FIELD DAY REPORT**

Some may find it strange for me to give a Field Day report more than a month after the event. The on-going IT failures at ARRL have prevented me from giving you a Section Manager report on Field Day. On Friday, June 19, I travelled to Thomasville in order to get a head start on my trip to the SE North Carolina coast.

First stop was with the Tri-county club which was operating from the Viet Nam Veterans Memorial along I-85. Like all my other visits on Field Day, I found this to be a good group. When I talked up the need to get more young people into ham radio, one person spoke up and indicated he had just gotten licensed a week earlier. Turns out he was 90 years old but as far as I am concerned he is a young person.

Next stop down the road was in Alamance County where I met up with old friends who were operating from the County EOC, testing all their equipment and ready to do a great job during Field Day. Next stop was in Chatham County where the Chatham group was working outside in a trailer at the County EOC site. Steve Newton, County Director of Emergency Services was there lending support and encouragement to the hams who are closely affiliated with the County EM operation.

The trip next took me to Carolina Trace (near Sanford) where an enthusiastic group from Lee County was making contacts from within a communications trailer. Good job and we had productive conversations about EmComm. Next stop was in Hope Mills where the Cape Fear Amateur club had a very impressive multi-station setup with trailer mounted towers and an enthusiastic group of operators who were making contacts on several bands.

I made it to Wilmington around 10 pm and got some rest. On Sunday morning I visited the Field Day site in Ogden Park that was being operated by the Azalea Coast club. I saw a great bunch of operators who were busy making contacts. My final stop on Sunday was around 12:30 pm in Calabash which was in the process of packing up their equipment after a fun-filled Field Day operation by the Brunswick Shores Amateur Radio Club. I had good visits but it was time to return home to Boone—definitely a lot of driving with a number of site visits.

Dave Price, K4KDP, Section Youth Coordinator, helped me by making additional visits to sites that I could not fit in due to the limitations of the time-travel physical laws. Dave visited sites in Wilson, Greenville, Grifton, New Berne, Washington, Four Oaks, Fayetteville and Goldsboro. ~~Between the two of us, we trav-~~

eled over 1300 miles during our Field Day visits.

Thank you to all the groups that participated in Field Day which is a major activity designed to increase the readiness of amateur radio to assist in emergencies, using substitute power sources and temporary antennas.

#### UPCOMING EVENTS

**Cape Fear ARS Swapfest** which was schedule for August 17 **has been cancelled** due to a scheduling problem involving he site where the Swapfest was to be held.

7/29, Brunswick Nuclear Power Plant Exercise which will involve a number of amateur radio groups in the New Hanover and Brunswick county areas.

8/30-9/1, Shelby Hamfest “The Granddaddy of Them All” will be held at the Cleveland County Fairgrounds. Information can be found at <https://shelbyhamfest.com/>

9/5 to 9/15, Mountain State Fair at the WNC Agricultural Center near Asheville.

10/17 to 10/27, North Carolina State Fair, State Fairgrounds, Raleigh. Amateur radio operators from the Raleigh area will have a booth where visitors and young people can learn about amateur radio.

11/8-11/10, Dupont Rescue Experience, Dupont State Forest near Brevard. This is a major exercise that typically involves about 200 volunteers who form the Incident Management Team, search and rescue teams, communicators, and logistics specialists. Persons with open task books may want to consider participating in the exercise that extends over four operational periods. Information will soon be posted on TERMS (<https://terms.ncem.gov>)

Readers with young kids or grandkids may want to consider the Day Out With Thomas™ at the North Carolina Transportation Museum at Spencer NC. Tickets now on sale for September 27-29 & October 4-6! ‘Pop’ on board a train ride adventure with Thomas the Tank Engine! Day Out With Thomas: Bubble Tour is heading to the NC Transportation Museum with loads of bubble themed games and activities! Enjoy live entertainment, photo ops, the exclusive gift shop, photo ops, lawn games and so much more. Take a real train ride with Thomas and spend the day creating memories for the whole family.

<https://www.nctransportationmuseum/day-out-with-thomas/>

#### WHEN THEY WANT TO, THE FCC CAN TAKE ACTION!

The 2020 passage of the PIRATE Act provided the FCC additional enforcement authority against pirate broadcasters — including periodic sweeps, enforcement action against both landlords and property owners and tougher fines. At the start of the year, the commission also ordered six vehicles to support four new full-time hires to assist with efforts.

Action against property owners could result in fines up to \$2 million. Thirteen letters were sent out to property owners in New York and New Jersey by Enforcement Bureau Regional Director David Dombrowski:

80 Lenox, LLC, for a broadcast on 90.9 FM originating from Lenox Road in Brooklyn, N.Y., between Nov. 2023 and Feb. 2024.

601 at 190 Company, LLC, for a broadcast on 94.9 FM originating from a St. Nicholas Ave. address in Inwood, N.Y., in May 2024.

770 Realty, LLC, for a broadcast on 106.3 FM originating from a New York Ave. address in Brooklyn, N.Y., between Nov. 2023 and Feb. 2024.

803 Sanford, LLC, for a broadcast on 90.9 FM originating from a Sanford Ave. address in Newark, N.J., in Jan. 2024.

2522 Realty, LLC, for a broadcast on 94.9 FM originating from a University Ave. address in Bronx, N.Y., in Jan. 2024.

Rene and Pierrette Baptiste, for a broadcast on 94.1 FM originating from a Gerow Ave. address in Spring Valley, N.Y., between Feb. and April 2024.

CRR Ross, LLC, for a broadcast on 105.5 FM originating from a E. 35th St. address in Brooklyn, N.Y., in Nov. 2023.

Saint Hubert and Rosemise Exantus, for a broadcast on 87.9 FM originating from a Schofield St. address in Newark, N.J., between Nov. 2023 and Jan. 2024.

Gais Jeune and Isabel Moriceau, for a broadcast on 91.7 FM originating from a Tiffany Pl. address in Irvington, N.J., between Nov. 2023 and Jan 2024.

Roy, Annette and Gladys Mc Claire, for a broadcast on 102.5 FM originating from a Sanford Ave. address in Newark, N.J., in Nov. 2023.

Parkash 2691, LLC, for a broadcast on 88.9 FM originating from a Reservoir Ave. address in Bronx, N.Y., between Nov. 2023 and Jan. 2024.

W 2030, LLC, for a broadcast on 90.5 FM originating from a Nostrand Ave. address in Brooklyn, N.Y., between Nov. 2023 and Jan. 2024.

Royen A. Wedderburn, for a broadcast on 91.9 FM originating from a E. 92nd St. address in Brooklyn, N.Y., in Jan. 2024.

More information can be found at <https://docs.fcc.gov/public/attachments/DOC-403906A1.pdf>

#### **FINAL COMMENTS**

Silent Key information. Please send me a note when a club member or ham friend passes away, including a link to an obituary. I will get that person listed on the Silent Key page of QST.

Club information page at ARRL. Please update your club information at the ARRL webpage with regard to meeting times and dates as well as who should be contacted if someone wants more information about your club.

Older Hams If you know of a ham who is 100 years or older, please advise me.

NCARRL.ORG Please go to the NC ARRL webpage for additional information about amateur radio activities in North Carolina. Advise your friends and club members about the NC ARRL webpage.

If you feel that I can help you with an amateur radio-related problem, please feel free to contact me.

Marv Hoffman, WA4NC

NC Section Manager

Boone

[mkhoffman2006@gmail.com](mailto:mkhoffman2006@gmail.com)

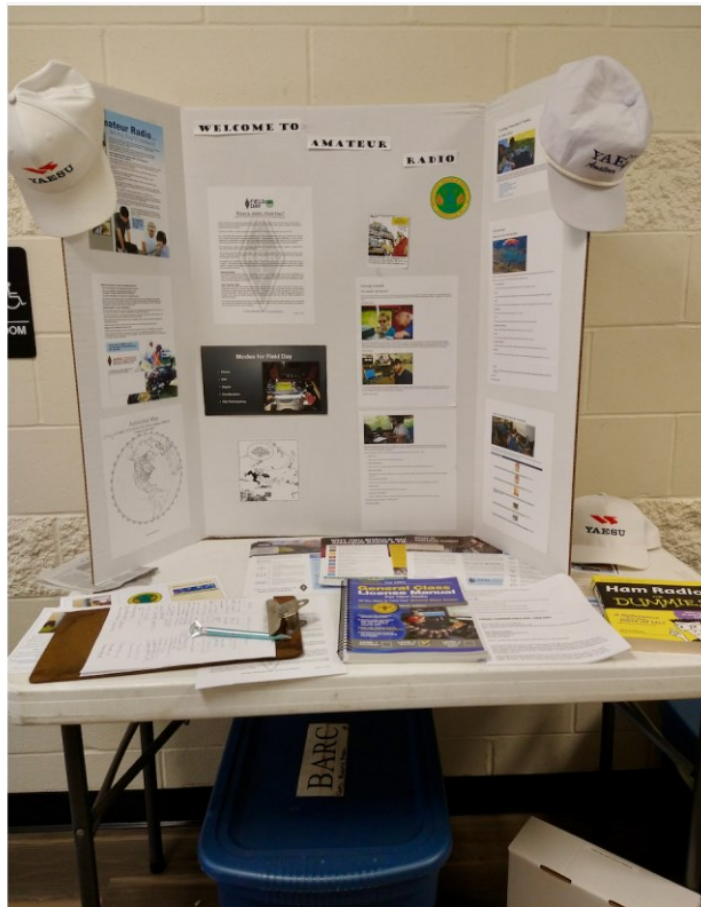
## A New Member's First Field Day Experience:

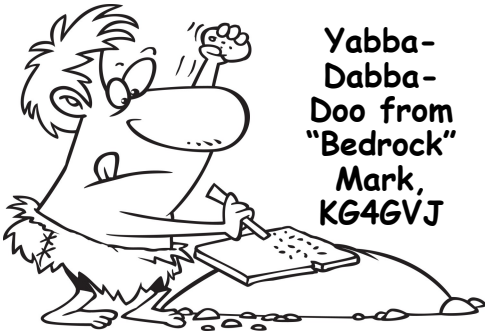
The ARRL website describes Field Day as a ham radio open house that demonstrates hams' various abilities and skills related to public service, emergency preparedness, and technical capabilities, all packed into one weekend. This annual event started in 1933, and the 2024 Field Day was my first experience, along with several other new BARC club members.

For my shared experience, I wish to focus on something other than the technical aspects of Field Day. We all know it involved hard work and teamwork, and it was a hot weekend. Everyone who participated was needed and vital to the BARC Field Day event. As a new member, the most meaningful thing I took away from Field Day is that the BARC club is full of awesome, knowledgeable people I am grateful to have in my life. In a more and more virtual world where human connection seems more distant, I have found it more difficult to find “real” people who value spending time together, bonding, and building relationships. People who want to talk, learn, and spend time together. So, thank you for being different, humble, and genuine.

Ultimately, I love our radio community, the challenges of learning new things, and having friends willing to mentor and struggle with me. I achieved my Field Day objective by learning how to set up HF antennas, troubleshoot signals, emergency preparedness capabilities, etc. More importantly, I connected with our different BARC members, learning about their interests and life stories. I will always remember my first Field Day as a time for fellowship with what I call my Radio Family! I know Field Day provided and built many new relationships that will be life-long, and I want to thank all of those involved—you're stuck with me! I'm excited about future Field Days and time with you, the BARC members.

73, Fish - KQ4KGX





Hi Folks,

Okay folks, here is a shorter version of the Chatter.

BARC Board Meetings have been low attendance by the Club Officers. It has not been at the required number needed for decisions for a few months.

MS Bike in New Bern is this coming September.

### **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*

### **Be a Net Control**



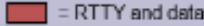



Volunteer to help with the Weekly Net for BARC, or other nets. All are welcomed. It's great practice for if you need it for later, it's like First Aid training. A script is available to read off of to help in the progress on the web site.

### **Elections coming up.**

Volunteers needed for BARC for the coming year Officers. Please let us know before November.

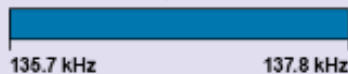
# US Amateur Radio Bands

Operator license classes: **E** = Amateur Extra **A** = Advanced **G** = General **T** = Technician **N** = Novice  
 CW operation is permitted throughout all amateur bands. Except as noted, all frequencies are in megahertz (MHz).

 = RTTY, data, phone, image     = USB phone, RTTY, data and CW     = RTTY and data     = phone and image  
 = SSB phone     = CW only

## LF – Low Frequency band

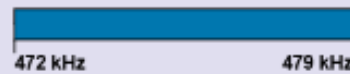
**2200 Meters (135 kHz) E,A,G**  
**1 W EIRP maximum**



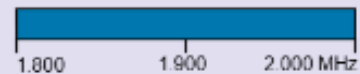
Amateurs wishing to operate on **2200 or 630 meters** must first register with the Utilities Technology Council online at <https://utc.org/plc-database-amateur-notification-process/>. You need only register once for each band.

## MF – Medium Frequency bands

**630 Meters (472 kHz) E,A,G**  
**5 W EIRP max, except in Alaska within 496 miles of Russia where the limit is 1 W EIRP**

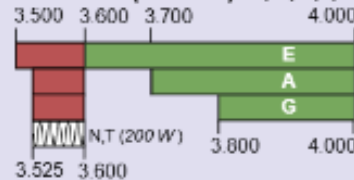


**160 Meters (1.8 MHz) E,A,G**

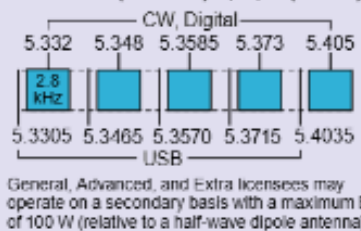


## HF – High Frequency bands

**80 Meters (3.5 MHz) E,A,G,T,N**

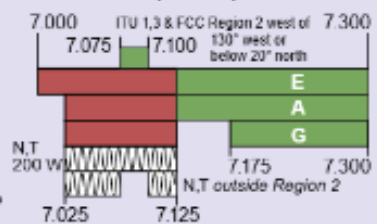


**60 Meters (5.3 MHz) E, A, G (100 W)**



General, Advanced, and Extra licensees may operate on a secondary basis with a maximum ERP of 100 W (relative to a half-wave dipole antenna).

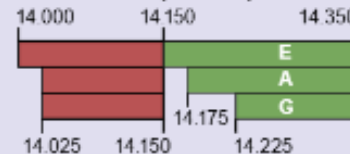
**40 Meters (7 MHz) E,A,G,T,N**



**30 Meters (10.1 MHz) E,A,G**



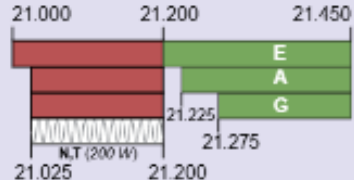
**20 Meters (14 MHz) E,A,G**



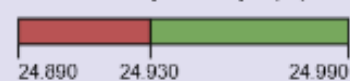
**17 Meters (18 MHz) E,A,G**



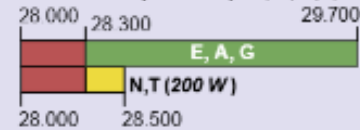
**15 Meters (21 MHz) E,A,G,T,N**



**12 Meters (24 MHz) E,A,G**

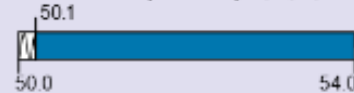


**10 Meters (28 MHz) E,A,G,T,N**

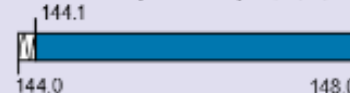


## VHF – Very High Frequency bands

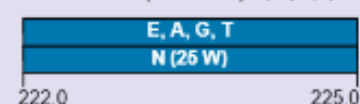
**6 Meters (50 MHz) E,A,G,T**



**2 Meters (144 MHz) E,A,G,T**

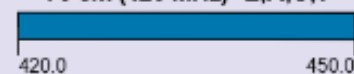


**1.25 Meters (222 MHz) E,A,G,T,N**

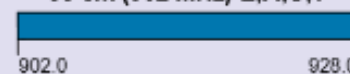


## UHF – Ultra High Frequency bands

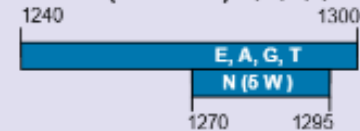
**70 cm (420 MHz) E,A,G,T**



**33 cm (902 MHz) E,A,G,T**



**23 cm (1240 MHz) E,A,G,T,N**



## SHF&EHF – Super and Extremely High Frequency bands

All licensees except Novices are authorized all modes on the following frequencies:  
 2300-2310 MHz    3300-3450 MHz    10.0-10.5 GHz    47.0-47.2 GHz    122.25-123.0 GHz    241-250 GHz  
 2390-2450 MHz    5650-5925 MHz    24.0-24.25 GHz    76.0-81.0 GHz    134-141 GHz    All above 275 GHz

See [www.arrl.org/band-plan](http://www.arrl.org/band-plan) for detailed band plans.

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 OTAbands rev. 11/16/2023

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**BARC Website, some Blog  
page Titles****[Hex Beam in the Air!](#)**

Even more than this on the website.

Feel free to view, comment and add.

**E. N. C. Repeater  
Inc.****Eastern North Carolina Re-  
peater Association**

W4NBR Repeater 146.685 PL  
88.5

Individual Membership (Annual Dues of \$15.00), Family Membership – All licensed individuals domiciled at same the address (Annual Dues of \$15.00)

Dues (cash or check made payable to E.N.C. Repeater Inc.) to any Club Officer, or mail to David Burt, 1425 Harris Ct., Cary, NC 27511 or email to [enc@inner360.com](mailto:enc@inner360.com)

**U.S. KFF Park-County Da-  
tabase Listing For World  
Wide Flora & Fauna  
(WWFF)**

[https://countyhunter.com/Toplist/  
KFF-County.htm](https://countyhunter.com/Toplist/KFF-County.htm)

Parks and state and counties they are in.

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

**\*\*\* Membership Dues\*\*\***

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.

# 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, Buy or Find:

10/15/20/ meter Hygain Antenna, 3 Tower section and rotor and control box all are free but you have to take the tower down to get them. for more information call Eddie Campbell 252-758-1244.

6/24/2024

Doug K4ROK is looking for a used dual band mobile, preferably a Yaesu 8800 or similar, if anyone is looking to sell.

Doug can be reached at 252-714-6671.

6/24/2024

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

### BARC on FACEBOOK

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

### Facebook and Group details

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

### Pitt County Repeater Association

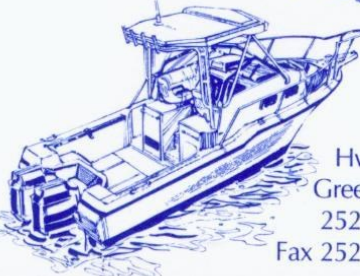
<http://www.pcra.us/>

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

TERRY A. MONDAY, CPA, CVA, EA  
**K4ZYD**

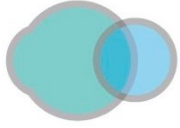
105-D East Victoria Ct. Phone (252) 321-6007  
 Greenville, NC 27858 Fax (252) 321-2991

**MARK'S MARINE, INC.**



Mark Langley  
 Mike Langley  
**KD4MTT**

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



**East Carolina Retina**  
 CONSULTANTS

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

# CALENDAR OF EVENTS

## Contest, Events and Meetings

### 2024 Starts Here:

Aug 8 . . . . . PARC Meeting 7pm  
 Aug 13 . . . . . BARC Meeting 6:30pm  
 Aug 27 . . . . . BARC Board meeting 7pm  
 Sept. 7-8 . . . . . **Bike MS New Bern**  
 Sept 7-15 . . . . . Route 66 on the Air, [Citrus Belt Amateur Radio Club](#) and [Barstow Amateur Radio Club](#)  
 Sept 10 . . . . . BARC **Picnic** at Dave Wood's house  
 Sept 12 . . . . . PARC meeting 7pm  
 Sept 24 . . . . . BARC Board Meeting 7pm Zoom  
 Oct 8 . . . . . BARC Meeting 6:30pm  
 Oct 10 . . . . . PARC Meeting 7pm  
 Oct 29 . . . . . BARC Board Meeting 7pm Zoom  
 Nov 12 . . . . . BARC Meeting 6:30pm, **Board members Elections!**  
 Nov 14 . . . . . PARC Meeting 7pm  
 Nov 26 . . . . . BARC Board Meeting 7pm Zoom  
 Dec ?? . . . . . BARC Christmas Party Meeting, Location and date to be determined  
 Dec 12 . . . . . PARC Meeting 7pm  
 Dec . . . . . BARC, NO Board Meeting

### 2025 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 Breakfast** - Saturday after General meeting "The Bake My Day" at 2803 Evans st, Greenville, NC

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

**PARC, Pamlico Meetings** - 2nd Thursday @ 7pm

**\*\* Club Activities, Events, Ideas and Dates to do together. \*\***

**PUBLIC SERVICE? 2024 events up!**

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

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## CALENDAR OF EVENTS

### Upcoming Section, State, Division Conventions and Hamfest

2024:

**August 3** [Kootenai Amateur Radio Society](#), sponsoring the ARRL Idaho State Convention, Post Falls Idaho

**August 3** [Elkhart East Hamfest](#), sponsoring the ARRL Central Division Convention, Elkhart, Indiana

**August 4** [SVARC Berryville Hamfest](#), sponsoring the ARRL Virginia State Convention, Berryville, Virginia

**August 17 - 18** [Huntsville Hamfest](#), sponsoring the ARRL Southeastern Division Convention, Huntsville, Alabama

**August 22 - 25** [Northeast HamXposition](#), sponsoring the ARRL New England Division Convention, Marlborough, Massachusetts

**August 30 - September 1** [Shelby Hamfest](#), sponsoring the ARRL North Carolina State Convention, Shelby, North Carolina

**August 31** [Summer Symposium](#), sponsoring the ARRL Santa Barbara Section Convention, Camarillo, California

**September 8** [ARRL Southern New Jersey Section Convention](#), Mullica Hill, New Jersey

**September 21-22** [Midwest Superfest](#), sponsoring the ARRL Illinois Section Convention, Chillicothe, Illinois

**September 28** [Red River Radio Amateurs Hamfest](#), sponsoring the ARRL Dakota Division Convention, West Fargo, North Dakota

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