

# Ham Chatter



Volume 58 Issue 11

An Official BARC, W4AMC, and PARC, Publication

November 2024

Editor, Mark, KG4GVJ

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

## **\*\*Elections coming up for BARC Board members THIS MONTH\*\***

Please attend the meeting.  
Ballot page 2

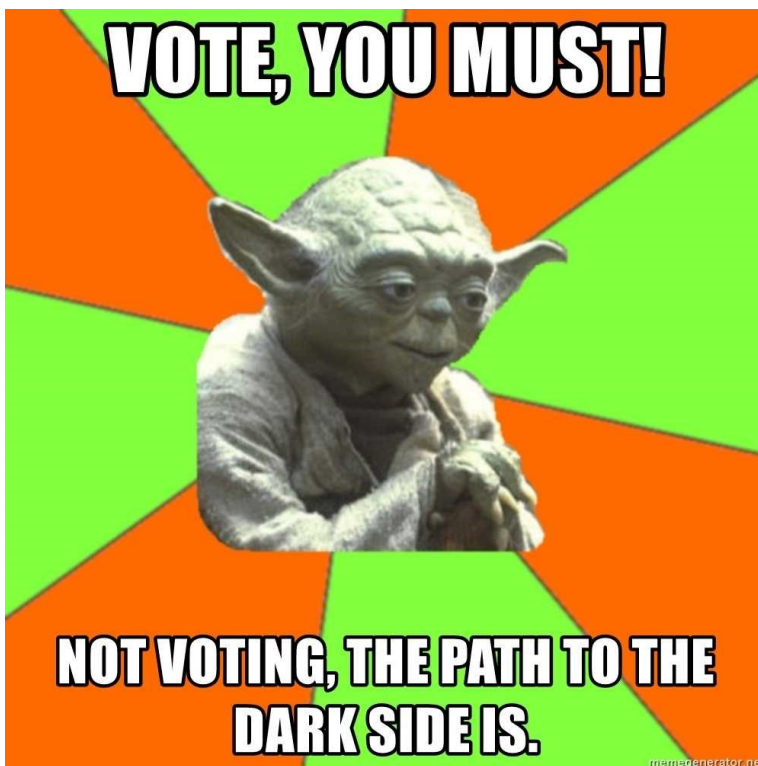
**BARC November 12, 6:30pm in person and on ZOOM. All members, families and guests are invited to attend.**

**The Oakwood School, in the NEW Music Room. 4000 MacGregor Rd, Greenville, NC**

**BARC November 12, Elections of Board Members**

**PARC Nov 14**

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.



Club run not, if vote not.

**BARC Board Meeting - October 29, 2024. ZOOM**



## BARC Elections for 2025 Officers

It's election time, my friends. Here is the ballot for you to preview. Members will also receive an email with a ballot, or be able to vote in-person at the November 12 meeting. Please return any electronic votes to Beth at [info@w4amc.com](mailto:info@w4amc.com) before noon on November 12.

Office	Nominee	Call Sign	Circle Your		Or Write In...
President	Nick Peaden	KQ4PXG	Aye	Nay	
Vice President	Beth Gonzalez	K4NFZB	Aye	Nay	
Sec/Treasurer	Matt Fish	KQ4KGX	Aye	Nay	
Trustee 1	Bill Dawson	WA4SLC	Aye	Nay	
Trustee 2	Dave Wood	W4EJ	Aye	Nay	
Referendum: Change constitution to allow a quorum of three (3) board members, rather than four (4), as we have difficulty getting the required number for votes.			Aye	Nay	

### Other BARC Offices

Position	Member	Write in to volunteer
Webmaster	Peter Van Houten, N4PVH	
Ham Chatter Editor	Mark Raysin, KG4GVJ	
Public Relations	<b>OPEN</b>	
QSL / Equipment	<b>OPEN</b>	

Note that a few positions are **open** and we welcome you to volunteer.

We are so grateful to all who contribute their time and enthusiasm to help keep the club and the hobby alive here in the Greenville area.



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

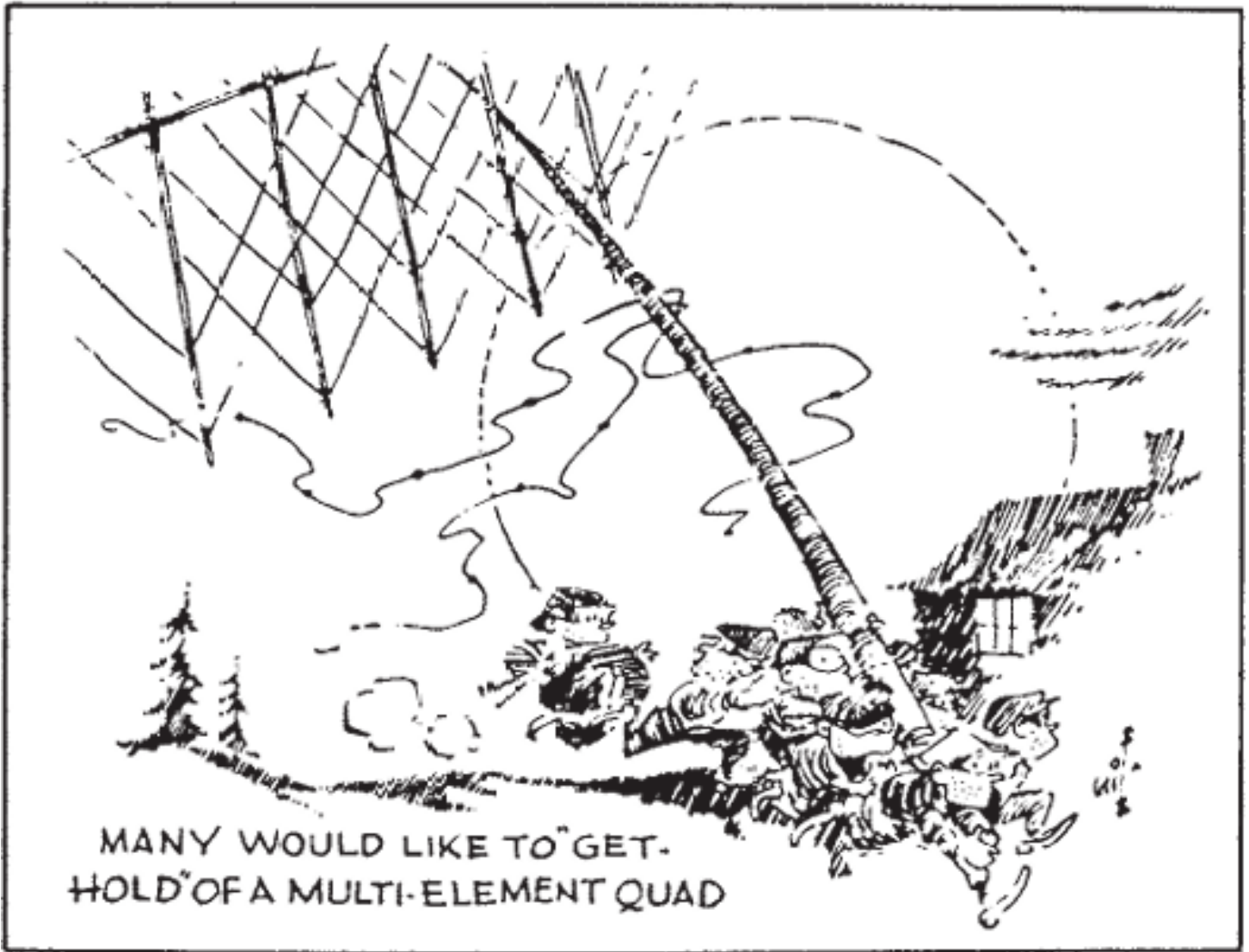


What a glorious time to be a ham! I have never been so proud to be involved in this hobby. I am primarily thinking of all the help that was provided by hams during the trouble in western North Carolina. I've had people ask me how much help radio operators are going to be in an emergency. I point out that we may be helpful for a little while, until "regular" communication routes like cell towers and internet are brought in to support emergency response teams. And we might be a secondary means of communication until widespread communication is robustly restored. I joke that if you NEED ham radio, your emergency is BAD, we are not required (at least not for long) for most front line defense, we are needed when things have really turned upside-down. And that is exactly what happened out in western NC, and of course parts of SC, TN, and GA. Ham radio was not a back-up or secondary means of communication, it was the ONLY WAY for DAYS. And the response from the local hams was immense. They were out doing welfare checks as soon as they could. They were using their own vehicles, gas, and equipment to assess the situation. They were not just out for a lookie-loo, they had chainsaws, supplies, boots, work gloves, and were sleeping in their vehicles. Although the devastation that they encountered was way more than expected, the response only grew, and despite all the different voices calling in, it became a coordinated response. One ham, Dan, K2DMG, rose to the top as the primary 2M net control, although he did have help. Most people from the affected area were able to reach him through the Mt. Mitchell repeater, which was temporarily linked to a repeater closer to Statesville to help get the word out. Additionally, the traffic was broadcast on Broadcastify, which made it possible to listen worldwide. There were also emergency nets on HF frequencies through various agencies, and individuals, but those did not get the amount of attention that the 2M net did.

Of course, while I have immense sympathy for those affected in this tragedy, I have to point out that this is something bringing new attention to the amateur radio hobby. It is creating new interest and respect for those of us involved. People are seeing the usefulness, but even more so, the personal character of hams. There are operators with strong opinions, there are clubs that fight among themselves, there are "sad hams" that want to regulate everything, and there are hero wannabes who like to show up and tell you they will save the day. But in this event, all the egos and emotions were put aside for the good of others. There was cooperation, diligence, and turn-taking. Some groups train for events like this, but until you are actually tested, you don't really know how you will respond. This event definitely shows the ingenuity and creative thinking, and the selfless kindness of the ham community. The best of the best came out and THIS is what made it to the spotlight.

There are always lessons to be learned, did this event cause you to think about how you prepare for a

disaster? Do you have friends or relatives in hot zones, likely to experience hurricanes, earthquakes, wild-fires or similar events? Do you have a contact plan with them? Go to the Brightleaf Facebook page and share any thoughts you have about facing emergencies (large or small), and how we can prepare or recover.



## BARC Board Meeting on Zoom 10/29/24

### Voting Board members: (need 4)

- President: Beth KN4FZB,
- V.Pres: Judy W3JUU,
- Secretary: Daryl N4OHK,
- Treasurer: Scott K9SPJ
- Trustee #1: Bill W4SLC
- Trustee #2: Dave W4EJ,

### Non Voting Committee Members:

- Webmaster: PVH, N4PVH
- Ham Chatter Editor: Mark Raysin, KG4GVJ
- NOT PRESENT:
- Public Relations/Historian: Sherry, KE4LZE
- QSL/Equipment: —
- VE Liaison: —

Dave & Peter & Terry on checkbook Dave needs a check.

Wait until Matt is elected treasurer then change signatories.

Insurance renewed by Beth on her credit card

Nov meeting elections, no speaker. Have integration of members, suggest topics: Portable electronics, BU power,

New Blog on our web page about K4SWL experience in Hurricane Helene.

Suggest we look at the need for 4 board members to make a quorum vs change to 3. Beth to make ballots. Email ballots to [info@w4amc.com](mailto:info@w4amc.com) PVH to check on secretary@w4amc.com going to Matt Fish at ??? ask Beth

Daryl reserved the meeting hall at his church. Beth to check on this.

Tower Take down party for Richard, Bernie has been ill, reschedule it.

The notes above are from Peter, the notes below are an AI generated summary from zoom. It phrased a few things oddly, but got most of it accurately. I think this use of AI is a keeper.

## **Meeting Room (10/29/2024)**

### **Quick recap**

The team discussed various personal and professional matters, including recent activities, health issues, and car-related problems. They also discussed the club's financial matters, the need for more board members and volunteers, and the potential for showcasing ham radio at the Tar River Science Festival. Lastly, they touched on the upcoming baby of a colleague, the Christmas party location, and the ongoing issue of taking down Richard's Tower.

### **Next steps**

- Beth to renew club insurance and bring receipts to next meeting for reimbursement.
- Peter to sign reimbursement check for Dave at next meeting.
- Beth to check with Matt about his preferred email for the secretary position and inform Peter.
- Beth to finalize details of Christmas party location with Daryl and communicate to Mark for Ham Chatter.
- Mark to include information about the upcoming election and proposed constitution change in the next Ham Chatter.
- Beth to follow up with Bernie about rescheduling the tower takedown for Richard and inform volunteers.
- Beth to prepare ballots for the November meeting election and include the proposed constitution change.

## **Summary**

### **Casual Conversation and Recent Activities**

Peter, Mark, Beth, and Nick had a casual conversation about their recent activities. Mark shared his recent experience of driving a rented pickup to Maryland, packing up his sister-in-law's belongings, and unloading them at his home. He also mentioned that his sister-in-law is now living with him permanently. Beth and Peter discussed their sinus issues and the humid weather. Mark also mentioned that he needs to finish putting together a dresser and return a rental truck. Peter suggested that Mark might need to clear out more space in his closet for his sister-in-law. *(More like my Den/Ham Shack/Storage rm. Editor)*

### **Club Finances and Reimbursements Discussed**

Beth discusses the club's financial matters. She needs to renew the insurance and pay Dave's reimbursement receipts. However, Dave cannot sign his own reimbursement check. Beth suggests waiting until the new treasurer is elected in a couple of months to add them to the bank account. Peter offers to sign a check to reimburse Beth for the insurance renewal. They plan to address reimbursements and account changes after the upcoming election.

### **Guest Speaker and Non-Speaker Meetings**

Beth expressed her difficulty in finding a guest speaker for the November meeting and suggested either having another discussion session or inviting someone from Batteries Plus to talk about their products. Peter proposed alternating between a speaker and a non-speaker meeting, with the non-speaker topic being a subject of interest for the members to research and discuss. Beth agreed, emphasizing the importance of member interaction and fellowship. Peter also mentioned a new blog post on the website, which Mark confirmed he hadn't seen.

### **Amateur Radio's Role in Hurricane Response**

Peter shares an interesting podcast about an amateur radio operator's experience preparing for and surviving a hurricane using various equipment and strategies. The operator handed out radios to neighbors, held twice-daily check-in nets, and monitored frequencies to coordinate aid. Peter highlights the key role amateur radio played, and recommends donating to organizations like FEMA, Samaritan's Purse, and World Central Kitchen that provided critical assistance. Beth also discusses an interview with the operator, praising the calm and organized response despite lack of prior training. Mark shares his experience monitoring multiple repeaters and being on standby to coordinate volunteers during emergencies, emphasizing the importance of multi-channel monitoring capabilities.

### **Quorum Change and Volunteer Recruitment**

The team discussed the need to change the quorum from four to three board members for decision-making. They also considered the need for more board members and the possibility of amending the club's constitution to reflect this change. The team agreed to put this proposal to the entire membership for a vote. Additionally, they discussed the need for more volunteers for various positions within the club, including public relations, QSL equipment, and a new position for a social media liaison. The team also discussed the importance of attending board meetings and the potential for a prize for those who attend the most meetings.

### **VHF Radios and Go Kits Demo**

Beth proposed the idea of learning how to use the VHF radios and go kits in the trailer for demos at schools or with Boy Scouts. Peter agreed to bring one to the November meeting at Oakwood. Beth was tasked with sending an email to Peter and Mark with details about the November meeting, including a sample ballot. Mark would collect the ballots either in person or via email to [info@w4amc.com](mailto:info@w4amc.com) before noon on Tuesday. The team agreed to keep the process simple to ensure everyone could participate.

### **Secretary Position, Baby, and Tower Updates**

The meeting revolved around various topics, including changes in the secretary position at W4AMC.com, the upcoming baby of a colleague, and the potential for showcasing ham radio at the Tar River Science Festival. There were also discussions about the Christmas party location, with Daryl reserving the Fellowship Hall at his church. The team also discussed the need for a note about the party and the ongoing issue of taking down Richard's Tower, which has been postponed multiple times. The conversation ended with Beth planning to send out another email to test the availability of team members for the Tower project.



## Gary NG9T's PARC President's Corner



Hi Everyone,

Well I hope that everyone had a fantastic October. As fall approaches, we at PARC tend to take care of some of the more mundane tasks that every club has to do. Like elect new officers. I am reaching the end of my 2nd 2 year term ('17-'18 and '23-'24). I've enjoyed my time as President greatly but it's time to step down and move on to other ham activities. I plan to carry on my yearly Spring Cookout and will hopefully add more clubs this year!

We have a full slate of officers to vote on and confirm, which we will do at the November PARC Meeting on Thursday, Nov 7.

Christmas is just around the corner, and this year PARC's Christmas party will be at the VFW Post in Washington on Dec 12.

VFW Post 8088  
3535 River Rd  
Washington NC 27889

We have a large amount of equipment to sell. We took some to the Maysville Hamfest a few weeks ago and there was a large turnout. It was a beautiful day and the local hams really came out. I saw a lot of my good friends from Carteret County.

We had a tent and table at last weekend's Smoke on the Water in downtown Washington and met a lot of nice people, and we got to promote ham radio. Many people paid attention to the aftermath of Hurricane Helene in western NC and saw how the hams in the Buncombe, Henderson, and other counties used their ham radio skills to pick up the void caused by no phone service, no internet and no cell phones. When everything else fails, ham radio still works!!

Check out our information below for our nets and activities, including VE Exam sessions.

We are having a VE testing session on November 9, at 9:30am at:

Beaufort County EOC  
1420 Highland Dr  
Washington NC 27889

Please make a reservation, we don't have walk-in service.

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 2025, \$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: November 9, please contact to reserve an exam spot

## NC Section News

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>**

---

# North Carolina ARRL Newsletter

October 27, 2024

## GREETINGS FROM THE HIGH COUNTRY

Hurricane Helene hit the High Country hard and it will be some time before we completely recover from the unprecedented storm which dropped over 20 inches of rain on the mountain area.

Communities big and small were inundated with flood waters and the recovery efforts continue as quickly as possible because mountain folk, tough as they are, know that cold weather is coming,

Many people deserve recognition for their heroic efforts in North Carolina. This listing is not comprehensive but we owe a great debt of gratitude for their sacrifice, hard work, and kindness shown while these groups looked at their efforts as just doing their job.

- Fairview Battalion Fire Chief Tony Garrison died while attempting to rescue 11 people who were trapped in a mudslide when a second mudslide swept away Chief Garrison and others during the storm.
- Macon County Deputy Jim Lau died when his truck was swept away by flood waters.
- Madison County Captain Michelle Quintero drowned when a dam broke while she was driving to work.
- The hundreds, maybe thousands, of power line workers who worked to restore power to tens of thousands of customers who lost power, some for more than three weeks.
- Local fire department and other swift water rescue crews who braved strong currents to rescue trapped persons.
- Red Cross volunteers who opened shelters for persons displaced from their homes and apartments by flood waters.
- The state and local road crews who worked to re-open the blocked roads so that rescue and power crews could reach the isolated areas needing help.
- The numerous volunteers who brought food, supplies and clothing to families who lost everything in the flood.
- The numerous church groups who practiced their faith by without hesitation coming to the aid of strangers.
- Samaritan's Purse, the Salvation Army, Baptists on Mission and other groups, which set up sites offering free food for flood victims.

- The military personnel, both regular army and the national guard, who came into the area with high clearance vehicles and drove through flood waters to rescue trapped residents. Sept. 29, 2024
- Military and civilian pilots who flew into devastated areas to bring in supplies that were distributed by local groups to those in need.
- The Emergency Management officials who mobilized drinking water and fuel tankers, law enforcement, strike teams with medical personnel and ambulances, helicopter crews and trained search teams who came into the areas which were devastated.
- Forestry workers who came with chainsaws to cut up the trees blocking roads.
- Out of state farmers who brought load after load of hay for farmers whose own hay supplies were lost due to flooding.
- The ordinary folk who prepared and offered hot meals for emergency workers.
- The businesses that brought in sanitary facilities shower units and laundry units to aid those whose homes were destroyed or severely damaged.
- Neighbors who checked on elderly persons and those with special needs in order to learn how they were faring during the storm.
- Community groups that raised money and sent it to those who lost so much.
- Businesses and other groups that donated generators to those without power.
- STARLINK which provided 500 units to provide communication through satellites to isolated communities and emergency units.
- The dedicated technicians and system managers who built and operate North Carolina's statewide V-IPER Interoperability radio system that linked thousands of local and mutual aid law enforcement, fire, rescue, EMS and emergency units during the emergency.
- Banks that brought in mobile teller machines using satellite technology so that people could get access to their money to buy needed items.
- Verizon, ATT and others who brought in mobile cell towers in order to provide some service while the damaged permanent facilities were restored.
- The cleanup crews who have traveled through damaged neighborhoods clearing the ruined carpets, furniture, soaked sheetrock, flooded vehicles and appliances.
- Amateur radio and Auxcomm radio operators who used their skills and equipment to provide emergency communications between isolated communities and the outside world, serving as lifelines when normal communications were disrupted by broken poles, snapped cables and fiber, and cell towers that lost power or ran out of fuel.

I am sure that I have overlooked some individuals or groups who worked hard to help others in their time of need.

Locally, we need to recognize Blue Ridge Energy which serves 80,000 customers in Alleghany, Ashe, Caldwell and Watauga counties as well as parts of Wilkes and Alexander. Blue Ridge at the height of the storm outage had 65,000 customers without power. A Facebook posting posted by Blue Ridge listed nearly 50 other electric coops and contractors who came to assist Blue Ridge Energy in restoring power as quickly as possible despite the washed out roads, broken poles, trees on lines and mudslides

As of noon October 27, other electric providers up this way indicate that approximately 125 customers in Newland, 154 in Mitchell and 2,154 in Yancey are still without power due to Helene.

Thank you to all of those who worked and are still working to bring back to the High Country what seemed like normal conditions just a month ago.

Future issues of this newsletter will offer information on lessons learned during Helene.

Meanwhile, for many who were not affected by Hurricane Helene, life goes on.

1. Update 11 October 2024: As of 10 October 2024, 2300 UTC, WWVB is operating at full power. NIST radio station WWVB is located on the same site as NIST HF radio station WWV near Fort Collins, Colorado. The WWVB broadcasts are used by millions of people throughout North America to synchronize consumer electronic products like wall clocks, clock radios and wristwatches. In addition, WWVB may be used in other consumer timekeeping applications, such as appliances, cameras, and irrigation controllers, as well as in high level applications such as accurate time synchronization. A wind storm several months ago damaged the towers used by WWVB which limited the signal strength and affected the accuracy of a number of residential clocks and others devices that received the WWVB signal.
2. Update Oct 23: <https://www.arrrl.org/news/arrrl-systems-service-disruption>. The ARRL DXCC® System has been returned to service, and our staff is again processing applications for credit toward DXCC awards. The queue includes nearly 3,000 award applications submitted via Logbook of The World® (LoTW®) accounts and mailed paper applications. We are processing the backlog as quickly as possible, and will provide additional progress updates. For now, the online DXCC application will remain offline. Any new award applications ARRL receives will experience significant delays as they work through the backlog. As previously reported by ARRL, LoTW® was returned to service on Monday, July 1, 2024. Since then, the system has been processing log uploads with little or no processing delay.
3. A few days ago, I was given the opportunity to participate with hams from the Raleigh area who had an information tent and display at the NC State Fair. In the day that I was there, we talked with approximately 150 persons who stopped by to learn about amateur radio. Congratulations go out to Travis Russell, KN4WJL for recruiting volunteers who talked to the public about amateur radio during the ten days that the Fair operated from October 17 to 27.
4. Although the ARRL system listing new hams and new members remains unavailable, RadioQTH has posted data for the last month listing recently issued amateur licenses. Congratulations to the new hams in North Carolina, including 11 new Extras, 27 new Generals, 151 new Technicians and 1 club license

CALL SIGN	NAME OPERATOR	CLASS	CITY
KC8YTU	Hatke, Edward J	Amateur Extra	Emerald Isle
KI4HQO	DEVILLIER, JAMES R	Amateur Extra	ROXBORO
KI4IDJ	LOWE, BRIAN L	Amateur Extra	ASHEBORO
KK4UVV	SHULER, MARK S	Amateur Extra	Hendersonville
KM4CBQ	LANSING, FRANCIS A	Amateur Extra	WINSTON SALEM
KQ4WBY	WHITE, RANDALL K	Amateur Extra	WINGATE
KQ4WCH	Banks, David	Amateur Extra	West Jefferson
KW4EI	Earley Thiele, Eron	Amateur Extra	Crossnore
KZ4LY	Johnson, Michael K	Amateur Extra	Apex
KZ4MD	Schrecker, Jerry W	Amateur Extra	Eastower
KZ4MH	GRANDIS, KURT M	Amateur Extra	Chapel Hill
KQ4WMP	BACKWOODS DMR	Club	WHITEVILLE
KG6VVY	SMITH, TODD E	General	Jacksonville

KI4FVO	Southerland, Todd H	General	Connelly Springs
KI4HUA	SHAVER, CHARLES N	General	Asheville
KK4SBE	BENNETT, AARON W	General	Pisgah Forest
KK4VMI	Cobb, Charles J	General	Windsor
KK4WZZ	KELLY, GREGORY T	General	GASTONIA
KM4BMP	DAY, BRIAN G	General	RALEIGH
KM4BON	LANSING, JEFFREY M	General	WINSTON SALEM
KM4CFU	KEENER, RICHARD R	General	Alexander
KM4DLS	CALLIS, ADAM J	General	CARY
KM4FZA	WILDER, KENNETH A	General	DENTON
KM4GMA	KELLER, HAROLD S	General	STOKESDALE
KM4GNY	Dowler, Allen L	General	Hubert
KQ4VXC	Caulder, Jeffrey T	General	Sophia
KQ4VYG	McHargue, Nicholas	General	Durham
KQ4VZZ	Rondina, Wendy R	General	Statesville
KQ4WBE	Neal, Phillip B	General	Graham
KQ4WBG	TATE, ALLEN	General	KERNERSVILLE
KQ4WCH	Banks, David	General	West Jefferson
KQ4WCI	White, Michael E	General	Hayesville
KQ4WCV	Gunnell, Elmer K	General	Thomasville
KQ4WGW	Kabbes, Joseph W	General	Fayetteville
KQ4WHT	Caplinger, Jeriah W	General	Sylva
KQ4WIC	Blalock, Joshua P	General	Wake Forest
KQ4WJB	Crum, Tyler J	General	Wake Forest
KQ4WJR	Gregory Jr, Daniel T	General	Hampstead
KQ4WKL	JONES, JOSHUA K	General	HIGH POINT
KQ4WME	Milton, Tom	General	Asheville
KD7UND	McIntyre, Scott K	Technician	Ayden
KD7UNE	McIntyre, Jennifer S	Technician	Ayden
KD8ZKB	McGahan, James D	Technician	Statesville
KD9BPX	CRAWFORD, JACOB R	Technician	Winterville
KE0BGM	BUSTER, JAMES	Technician	Pittsboro
KG4YUF	McLamb, Tracy J	Technician	Benson
KG4ZKP	Ball, David R	Technician	Newland
KG4ZMG	Shillings, Matthew C	Technician	Franklin
KG5CBS	Frank, Adrian R	Technician	Havelock
KI4DNB	Faasii, Blanca E	Technician	Kinston
KI4EMY	CURRENT, MATTHEW J	Technician	STATESVILLE
KI4ENP	COLLINS, PAMELA L	Technician	HENDERSONVILLE
KI4GHF	BEACH, STEVE B	Technician	LAWSONVILLE
KI4HFG	DALTON, KAY K	Technician	RUTHERFORDTON
KI4HHQ	Edwards Jr, James L	Technician	KINGSSTON
KI4HOT	SMITH, STUART M	Technician	HIGH POINT
KI4HRW	Clemons, Robert S	Technician	Raleigh
KK4OQL	Steger, Leslie A	Technician	Denver
KK4UES	Collins, Charles S	Technician	Kenly
KK4VJV	JOHNSON, JOHN C	Technician	ASHEVILLE
KK4VXI	WHITLEY, JEFF F	Technician	CANDLER

---

KK4YAI	KEITH, SHANNON L	Technician	Raleigh
KK4YCZ	Bevirt, Tyson L	Technician	Hendersonville
KK4ZZB	WINEBARGER, WILLIAM	Technician	CANDLER
KL3VQ	Lindsey, Kory A	Technician	Aberdeen
KM4CRH	Burgio, Tony L	Technician	Charlotte
KM4DDM	WALDEN, RHONHDA L	Technician	Spindale
KM4EFS	ARPINO, PAUL M	Technician	Stanfield
KM4EFY	Dewitt, Matthew T	Technician	Durham
KM4EVI	Wilcox, Brian C	Technician	Lenoir
KM4EZJ	GEORGE, ROBERT M	Technician	PINNACLE
KM4FEO	Rhoads, Barbara A	Technician	Elizabeth City
KM4FLA	BLAKENEY, WILLIAM J	Technician	Weaverville
KM4GMC	LOCKE, SARA K	Technician	PILOT MOUNTAIN
KM4GSG	SEYLER-SCHMIDT, PAUL	Technician	MOORESVILLE
KQ4VSU	Gause, Dennis W	Technician	King
KQ4VTC	McCeney, Andrew	Technician	Pittsboro
KQ4VTD	Chiles, Jonae R	Technician	Troutman
KQ4VTJ	Ervin, Tion L	Technician	Fayetteville
KQ4VTK	Shuck, Parker	Technician	Fayetteville
KQ4VTW	Flythe Jr, Joseph J	Technician	Camden
KQ4VTY	Rivers, Dan M	Technician	Garner
KQ4VUB	Hamilton, Eric W	Technician	Charlotte
KQ4VUD	McDowell Jr, Paul T	Technician	Four Oaks
KQ4VUN	KUHNEMANN, OLIVIA E	Technician	LEXINGTON
KQ4VUO	MASAD, BASHAR	Technician	KERNERSVILLE
KQ4VVL	Duncan, David	Technician	Ash
KQ4VVT	Burr, Ashley W	Technician	Yanceyville
KQ4VVV	Droujkova, Maria	Technician	Cary
KQ4VWH	Ware V, Nicholas B	Technician	Mebane
KQ4VWI	Vet, Thomas R	Technician	Cameron
KQ4VWO	McClure, Colin M	Technician	Marion
KQ4VWT	Childers, David	Technician	Salisbury
KQ4VWY	Karpov, Mark	Technician	Linden
KQ4VWZ	Self, Skyler C	Technician	Fayetteville
KQ4VXL	West, Kyndra	Technician	Topton
KQ4VXQ	FLYNN, RAUL	Technician	CHARLOTTE
KQ4VXS	Horiski, Kyle J	Technician	Hope Mills
KQ4VYH	Wheeler, Matthew W	Technician	Holly Springs
KQ4VYI	Hubartt, Matthew A	Technician	Fuquay Varina
KQ4VYR	SLONE, NATHAN	Technician	CHARLOTTE
KQ4VYS	NANCE, MARGIE	Technician	CHARLOTTE
KQ4VYT	METTS, RUSTY A	Technician	MT PLEASANT
KQ4VYX	Rowland, Jason	Technician	Fayetteville
KQ4VZG	Blair, David L	Technician	Deep Gap
KQ4VZO	Farrag, Ashraf F	Technician	Apex
KQ4VZY	Courter, Robert G	Technician	Hendersonville
KQ4VZZ	Rondina, Wendy R	Technician	Statesville
KQ4WAC	Phillips, Alex	Technician	Lumberton

---

KQ4WAK	Parker, Garrett	Technician	Tarboro
KQ4WBE	Neal, Phillip B	Technician	Graham
KQ4WBM	DeLima, Urbano M	Technician	Statesville
KQ4WBN	Hudgins, David L	Technician	Tarboro
KQ4WBQ	Parker, Robert D	Technician	Whiteville
KQ4WBR	Willis, Thomas	Technician	Old Fort
KQ4WCA	LACHAPELLE, COPELAND	Technician	TARBORO
KQ4WCC	Harvey, Joel K	Technician	Turkey
KQ4WCD	Warren, Kyle	Technician	ASHEVILLE
KQ4WCO	Jenkins, Lilia E	Technician	Stony Point
KQ4WCS	Combs, Carol T	Technician	Oak Ridge
KQ4WCV	Gunnell, Elmer K	Technician	Thomasville
KQ4WDA	Chapman, Michael R	Technician	Flat Rock
KQ4WDD	Gray, Christopher D	Technician	Linden
KQ4WDX	Motes, Janice A	Technician	Catawba
KQ4WEG	Valdivia, Erick	Technician	Cameron
KQ4WEQ	Feige, Charles	Technician	Flat Rock
KQ4WEU	Prevatte, Corey	Technician	Fayetteville
KQ4WEW	Montford, Matthew	Technician	Wallace
KQ4WFA	RANSELL, SAMUEL P	Technician	ABERDEEN
KQ4WFB	Gentes, Jeffrey	Technician	Midland
KQ4WFF	GRAY, JAMES	Technician	CHARLOTTE
KQ4WFR	Wawrzyniak Jr, Joseph	Technician	Newport
KQ4WFO	Patterson, Lee A	Technician	Lillington
KQ4WGA	Monnseratt, John	Technician	Belvidere
KQ4WGD	WELBORN, JON M	Technician	WINSTON-SALEM
KQ4WGF	HEFNER, PHILLIP	Technician	BESSEMER CITY
KQ4WGU	Rinaldo, Briana M	Technician	Hunterville
KQ4WGV	Roller, Michael B	Technician	Fayetteville
KQ4WGX	Mcculloch, Wesley R	Technician	Fayetteville
KQ4WGZ	Perry, Jared R	Technician	Fayetteville
KQ4WHM	Sienkiewicz, Kamil	Technician	Garner
KQ4WHR	Kolb, Robert	Technician	Cornelius
KQ4WHW	Zier, Michael	Technician	Kure Beach
KQ4WHX	Masters, Luke	Technician	Bunnlevel
KQ4WHY	Stephens, Craig F	Technician	Burlington
KQ4WIC	BLALOCK, JOSHUA P	Technician	WAKE FOREST
KQ4WIH	Carmichael, Dylan	Technician	Ayden
KQ4WIN	Bebeau, William R	Technician	Bryson City
KQ4WIP	MILLS, CODY F	Technician	ELLENBORO
KQ4WIT	Handy, David R	Technician	RALEIGH
KQ4WIX	BLEDSOE, REESE C	Technician	WILMINGTON
KQ4WIZ	House, George E	Technician	Asheville
KQ4WJF	ZANDY, BRIAN R	Technician	MIDLAND
KQ4WJM	SHUFORD, BERNARD C	Technician	Canton
KQ4WJO	CURTIS, DARREN	Technician	MONROE
KQ4WJP	Setzer, Kristoffer C	Technician	Leicester
KQ4WJQ	MAKOVICH, SIARHEI	Technician	MONROE

---



---

KQ4WJU	JEFFRIES, EVAN G	Technician	MEBANE
KQ4WKA	KNOTT, ZACHARY	Technician	WINSTON-SALEM
KQ4WKH	Reitz, Eric D	Technician	Waynesville
KQ4WKM	CRAVEN, JOHN P	Technician	ASHEBORO
KQ4WKP	Conley, Bryan T	Technician	Huntersville
KQ4WKR	SAUNDERS, JOHN E	Technician	WAYNESVILLE
KQ4WKZ	Osterholz, Steve L	Technician	Mars Hill
KQ4WLA	Howard, Noah L	Technician	Hendersonville
KQ4WLI	GREENE, CHRISTOPHER	Technician	MONROE
KQ4WLN	HIATT, SAMUEL H	Technician	CHARLOTTE
KQ4WLO	SHOEMAKER, JOHN W	Technician	WAXHAW
KQ4WLU	Rios Santiago, Pablo L	Technician	Reidsville
KQ4WLW	CONNELL, DENNIS W	Technician	MONROE
KQ4WLZ	Pippert, Liam E	Technician	Spruce Pine
KQ4WMA	Davis, Nathaniel S	Technician	Hickory
KQ4WMB	Kennedy IV, Hardin C	Technician	Traphill
KQ4WMC	Yang, Weiguo	Technician	Sylva
KQ4WMD	Magnante, Ethan J	Technician	Kernersville
KQ4WMK	McCoy, Matthew J	Technician	Kernersville
KQ4WMN	Maurer, Matthew	Technician	Wilmington
KQ4WMO	Curnutt, Gary M	Technician	Cullowhee
KQ4WMT	FERRALLI, ANTHONY S	Technician	CHARLOTTE
KQ4WMV	JARRETT, BENJAMIN P	Technician	CHARLOTTE
KQ4WNA	Fox, Nicolas H	Technician	Burnsville
KQ4WNB	METTS, RIKKI S	Technician	MT PLEASANT
KQ4WNQ	Rocci, Anthony T	Technician	Jacksonville
KQ4WNU	Sargarouschi, Corneliu	Technician	Asheville
KQ4WNV	Morris, Jeremy	Technician	Black Mountain
KQ4WOA	GREENWOOD, WILLIAM	Technician	SYLVA
KQ4WOD	FAULKNER, JAMES	Technician	GASTONIA
KQ4WOM	Buckner, Caleb M	Technician	Fuquay Varina
KQ4WPD	Nichols, Harold W	Technician	Clayton
KQ4WPG	Mahfouz, Jonathan D	Technician	Garner
KQ4WPK	Kelly Jr, Sim D	Technician	Lilesville
KQ4WPL	Gibson, John W	Technician	Garner

## CLOSING COMMENT

Hurricane Helene taught a lot of people that disasters can have much longer effects than we are used to facing.

Take a look at your setup and review how resilient your station would be during an extended power outage.

Do you have a solar setup, back up batteries, a generator or a mobile rig that could be your lifeline? Is

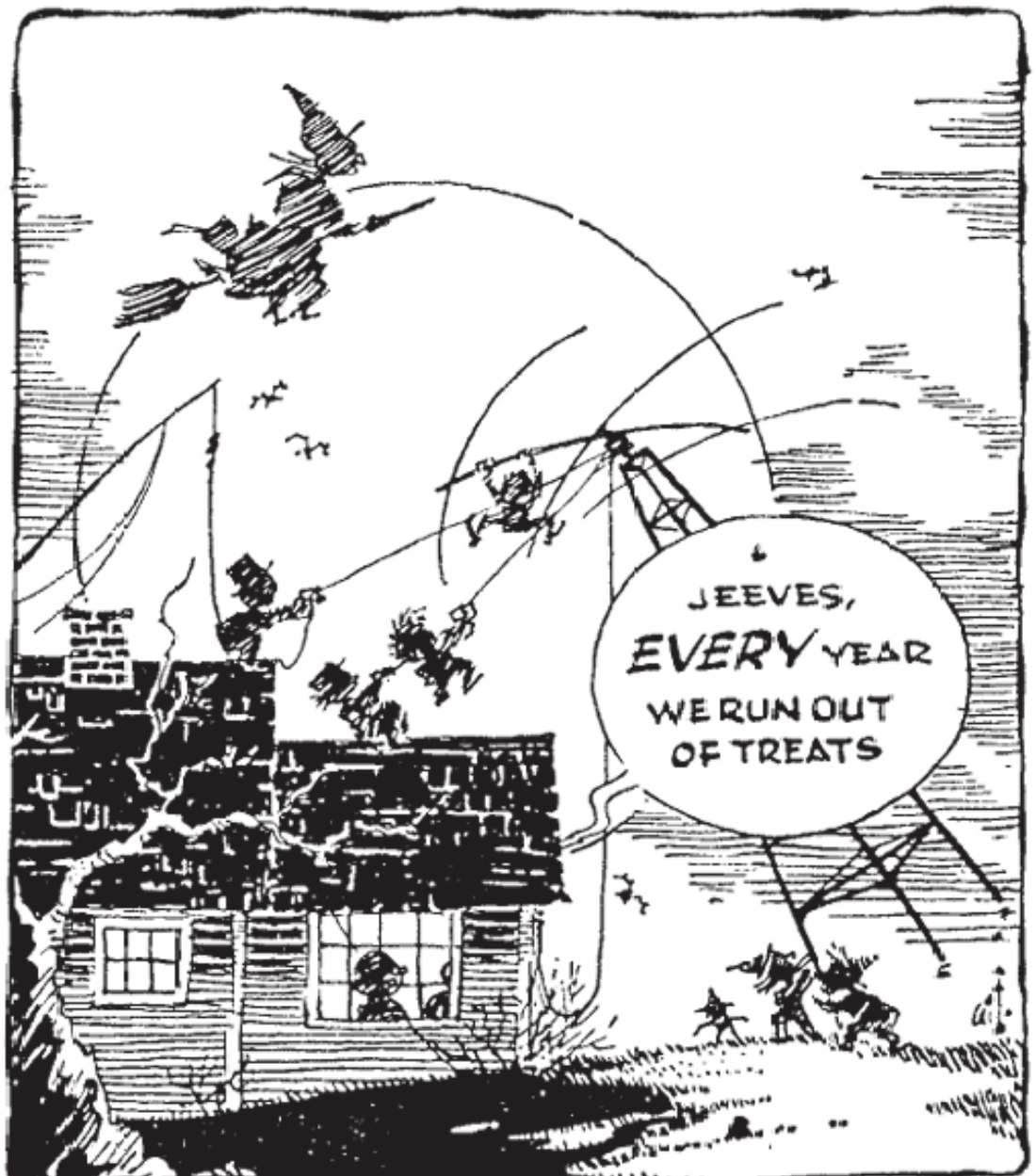
your local repeater equipped with backup power? Do you have a handy list of repeaters that you can access if your regular local repeater goes down?

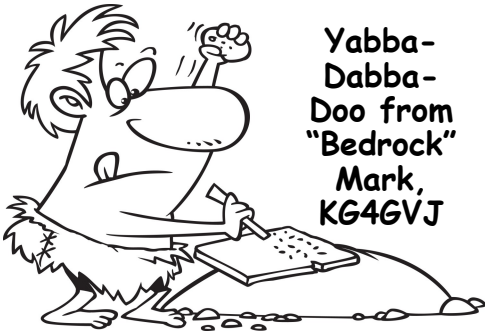
What can you do to make your internet connection more resilient?

Please member that this newsletter is archived, along with all previous NC Section Newsletters, and can be found at <https://www.ncarrl.org/>. Thanks go out to Susan L. Jones (WA4AKB) for maintaining the ncarrl webpage.

Best wishes,

Marv, WA4NC  
NC Section Manager  
Boone





Hi Folks,

Welcome to November. Once again it is election time, both for the Nation and for our clubs. So let's all do it.

Dues are due soon. You don't need to be a member of a Club to be at meetings and attend events, but dues do help with the expenses of the Clubs. Officers are not paid to be a Officer of the Club, but there can be club License renewal, Vehicle/trailer license and Insurance to pay for. Also expenses for Club projects, Events, Promotion of the Hobby.

I am hoping to be available to help bring down the tower that needs to come down when all are able to do so. I see it has been delayed due to illness. If it wasn't, I would not been available due to moving a sister-in-law. Next time I hope to be there.

I'm glad the storms that happen lately hasn't affected our area and also glad some Hams were available to help their neighbors in the damaged areas. Just a reminder to stay clear of Emergency traffic if you are not taking part of it.

Take care, I hope to see all of you at the General Meeting this November.

73,  
Mark KG4GVJ

### **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. PLEASE VOTE!

# 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**



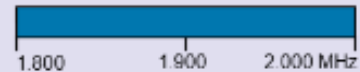
Amateurs wishing to operate on **2200 or 630 meters** must first register with the Utilities Technology Council online at <https://utc.org/plc-database-amateur-notification-process/>. You need only register once for each band.

## 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**

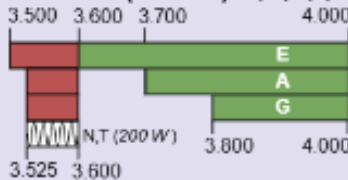


**160 Meters (1.8 MHz) E,A,G**

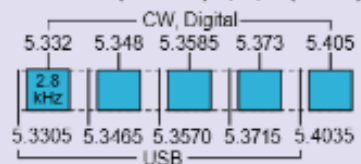


## HF – High Frequency bands

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

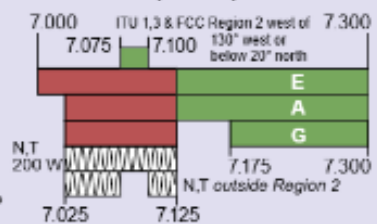


**60 Meters (5.3 MHz) E, A, G (100 W)**



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).

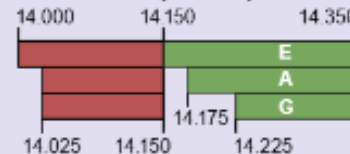
**40 Meters (7 MHz) E,A,G,T,N**



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



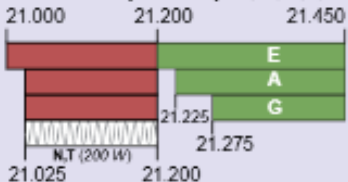
**20 Meters (14 MHz) E,A,G**



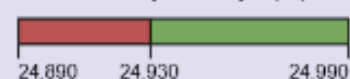
**17 Meters (18 MHz) E,A,G**



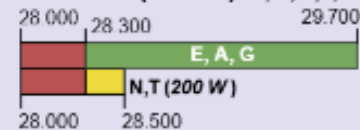
**15 Meters (21 MHz) E,A,G,T,N**



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



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

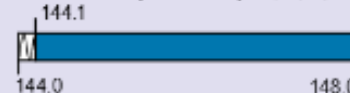


## VHF – Very High Frequency bands

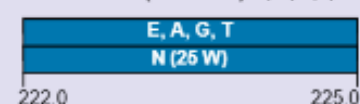
**6 Meters (50 MHz) E,A,G,T**



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

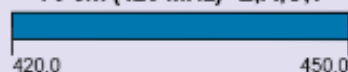


**1.25 Meters (222 MHz) E,A,G,T,N**

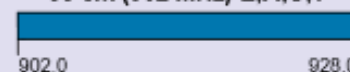


## UHF – Ultra High Frequency bands

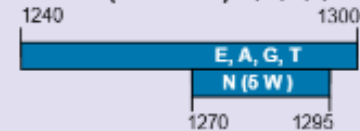
**70 cm (420 MHz) E,A,G,T**



**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	75.0-81.0 GHz	134-141 GHz	All above 275 GHz

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

Copyright © ARRL 2023  
 OTAbands rev. 11/16/2023

## 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:

For Sale - as a pair or individually - Ten Tec Model 539 Argonaut VI QRP transceiver w/optional 6KHz filter installed AND matching Ten Tec Model 418 100W Solid State all band amp. Package includes connecting cable, mic, original manuals and radio power cable (amp uses power poles). See pics below for TT brochures, detail pics of each and actual performance of radio and radio/amp TX output through Bird meter and dummy load.

Priced individually or as a package:

Individual pricing - \$500 for the transceiver (mic/pwr cable/manual) or \$500 for the Amp (w/connector cable)

Package Pricing (transceiver/amp/connector cable/mic/manuals) - total \$900

Pick up or meet halfway (reasonable distance) - I'm located in Morehead City, NC

*(Editors note: Has Manuals with them, also photos of equipment looks good)*

Keith Stroud  
Morehead City, NC  
W4WKS  
[wk.stroud@gmail.com](mailto:wk.stroud@gmail.com)

9/14/2024

# 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](http://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/>

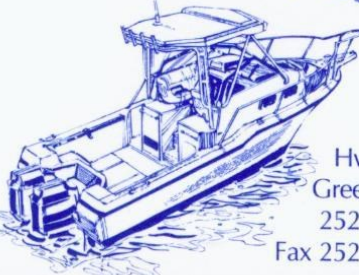
*Monday & Monday, CPA's, PA*

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.**



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

Mark Langley  
Mike Langley  
**KD4MTT**

# ***CALENDAR OF EVENTS***

## ***Contest, Events and Meetings***

### **2024 Starts Here:**

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:**

Jan. 9 . . . . . PARC Meeting 7pm  
Jan 14 . . . . . BARC Meeting 6:30pm  
Jan. 28 . . . . . BARC Board Meeting

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/>.

## ***CALENDAR OF EVENTS***

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

**2024:**

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