

Ham Chatter



Volume 60 Issue 3

An Official BARC, W4AMC, and PARC, Publication

March 2026

Editor, Mark, KG4GVJ

Email: hamchatter@w4amc.com

Hi Folks! Have you paid your Club Due's Yet?

General Meeting Dates

BARC March 7, 10am in person.
Tour of SMAT.

PARC March 12, 7:00

BARC Board Meeting - March 31, 2026. ZOOM 7pm

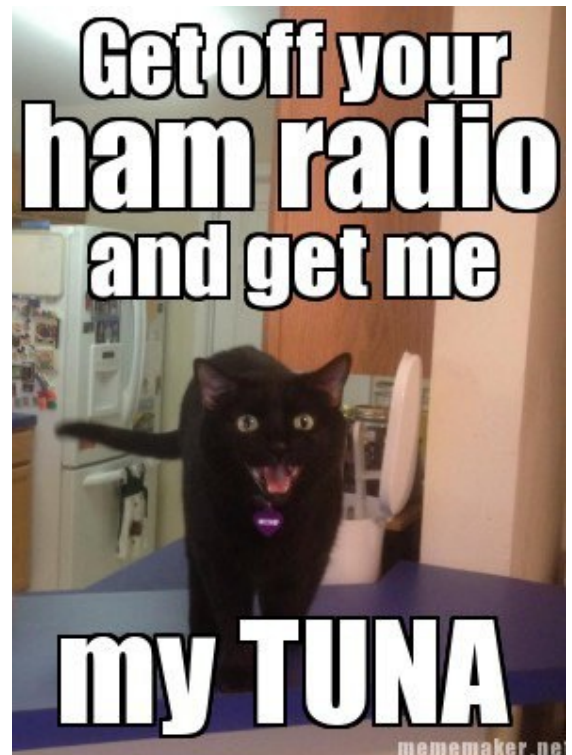


Hi BARC peeps,

Daryl has arranged a tour of the SMAT (state medical assistance team) station on the airport grounds on Saturday, March 7, starting at 10:00 AM. Please RSVP to me or Daryl if you are interested in attending. **This event will take the place of our regular Tuesday meeting** since neither Daryl nor I will be able to attend on Tuesday. I don't have details about how much walking, standing or stairs will be involved, but I think we are scheduled for about two hours.

Please let us know if you can come to the SMAT tour.

73,
Beth.



What? You want to Tun-a-Radio?

VE News

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

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

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

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

Happy Birthday

Brightleaf Amateur Radio Club members birthdays :

03-09	NW4S	Jeff
03-17	KG4CZV	Dave
04-16	KJ4DMV	Geraldine
04-18	WB4PMQ	Macon
04-28	K4EEP	Reggie

Please let me know of any additions or corrections. If yours is missing, I don't have it! Email 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 Email: info@w4amc.com

<i>In This Issue</i>	
Titanic Event	4
Presidents Corner - KN4FZB	5
Presidents Corner - W4HEX	9
Exam info	15
NC Section News	
Yabba and other Clubs	18
Emergency communications	15
Hints and Hacks	13
US Band Plans	20
NTS	
Kit Building Class	10
Special announcements	
Ham AD's	22
BARC & PARC Calendar of Events & Contest for month	24

PUBLISHED MONTHLY BY THE BRIGHTLEAF ARC, P. O. BOX 8387, GREENVILLE, NC 27835 * NON-COPY - RIGHT MATERIAL CONTAINED HEREIN MAY BE REPRINTED WITHOUT PRIOR PERMISSION WITH CREDIT GIVEN TO THIS PUBLICATION * PRESIDENT - Beth, K4NFZB * 1ST VICE PRESIDENT - Daryl, N4OHK * 2ND VICE PRESIDENT - Vacant * SECRETARY - Matt, KQ4KGX * TREASURER - Matt, KQ4KGX * VE LIAISON - Vacant * PUBLIC RELATIONS/PUBLIC SERVICE COORDINATOR - VACANT * W4AMC/W1VOA/W4UHS TRUSTEE'S - BILL, WA4SLC and Dave, W4EJ * HAM CHATTER EDITOR - MARK , KG4GVJ * WEBMASTER - PETER , N4PVH * EMAIL ADDRESSES ON BARC WEB SITE * EmComm— Daryl, N4OHK * QSL Manager—Rich., W4JNC * OPINIONS BY WRITERS MAY NOT NECESSARILY BE THAT OF THE BRIGHTLEAF ARC * CONTRIBUTIONS ARE TAX DEDUCTIBLE .

2026 ARRL Field Day is June 27 – 28.

ARRL announces that the theme of 2026 ARRL Field Day will be “Amateur Radio: A National Resource.” Field Day is an annual amateur radio activity organized since 1933, and the largest on-the-air operating event in North America. Field Day showcases amateur radio’s readiness to provide resilient communications in times of need while engaging the public through hands-on demonstrations and community outreach. [[More information.](#)]

ARRL’s partnership with America250 reflects a shared commitment to honoring America’s past while investing in the civic, technical, and volunteer spirit that will carry the nation forward.



Honoring the Titanic EVENT

Amateur radio operators worldwide will have an opportunity to honor the passengers and radio crew of the RMS Titanic that sank in the early hours of April 15, 1912.

A Spanish special event station, EG1912T, will be on the air from 0000 UTC on April 10, the date on which the Titanic set sail from Southampton, England, until 2359 on April 15, the date on which it sank after hitting an iceberg. The call sign is unique for this event. EG identifies Spain, 1912 signifies the year the ship sank, and T stands for Titanic.

“Radio station managers and telegraph operators Jack Phillips, Harold Bride, and Harold Cottam, who played a leading role in the telegraphic communications during the rescue, will also be honored,” said Carlos Reboreda, EA1PJ, president of the Vigo-Val Miñor Amateur Radio Union, which is sponsoring the 2026 special event operation.

All amateur radio operators are invited to participate. Bands used will be HF, VHF, UHF, and SHF (amateur radio satellite). All modes will be available with special emphasis on telegraphy. All stations that contact EG1921T using CW will receive a special QSL card. All other stations making contact on any frequency or mode can receive a confirmation via eQSL and LoTW.



From right to left: Jack Phillips, head of the Titanic's radio room. Harold Cottam, telegraph operator on the Carpathia, the ship that was first to arrive at the scene of the shipwreck. Harold Bride, second operator in the radio room. [Photos courtesy of the Vigo-Val Miñor Amateur Radio Union]

BARC's President's Corner, Beth KN4FZB



Hello to all my ham friends and welcome to March. Events are starting to ramp up. Please note that our regular meeting will not occur on Tuesday, any who are able can meet us Saturday morning, Mar 7th for a tour of the SMAT center. We also have RARSfest coming up on April 4, Frontier Fellowship on April 10 through 12, and our PARC-BARC tailgate and picnic on May 9th. We also need to start thinking about Field Day in June. I know that there are events that I'm forgetting to mention, so check in often and feel free to post reminders.

**BE KIND TO
EVERYONE YOU MEET.**



**THEY MAY BE
STUDYING TO BECOME
A HAM.**

BARC Board Meeting
February 24, 2026

In Attendance: Bill Dawson, WA4SLC, Matt Fish, KQ4KGX, Beth Gonzalez, KN4FZB, Mark Raysin, WG4GVJ, Daryl Shaw, N4OHK, Dave Wood, W4EJ

Reports: Matt reports that we have \$2230 in the account and roster has been updated regarding membership and contact information.

Business: George Robinson, AG8AR, was voted on and approved to take over as call sign trustee for the club.

We need to update the website to reflect current information, including roster, net control schedule, QSL manager.

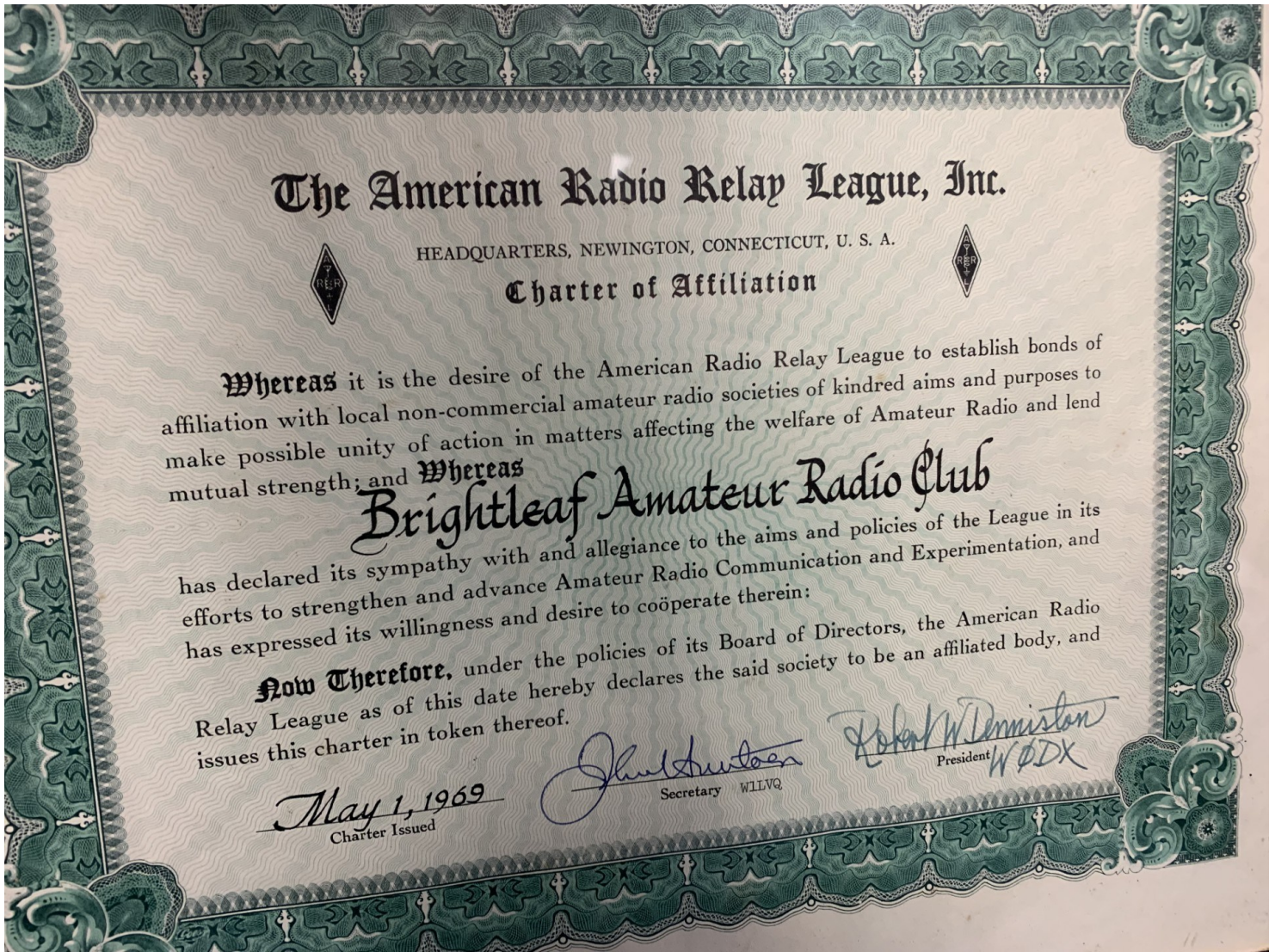
Need to fill net control vacancies and have back up net control available.

Upcoming visit to the SMAT center on March 7 will replace the regular Tuesday meeting on March 10. Members who can't attend Saturday have expressed interest in scheduling a second event, which Daryl will try to arrange.

Upcoming Frontier Fellowship event in Ayden will need members who can staff a table for a shift or several shifts. April 10 -12, more details will be provided as we get them.

Group communication, we will explore streamlining the communication process, including using just one Facebook page, and creating a text message group for quick updates. Watch for a poll about communication preferences.

Submitted by,
Beth Gonzalez
KN4FZB



W1AW Schedule

PAC	MTN	CENT	EAST	UTC	MON	TUE	WED	THU	FRI
6 AM	7 AM	8 AM	9 AM	1300		FAST CODE	SLOW CODE	FAST CODE	SLOW CODE
7 AM- 12 ⁴⁵ PM	8 AM- 1 ⁴⁵ PM	9 AM- 2 ⁴⁵ PM	10 AM- 3 ⁴⁵ PM	1400- 1945	VISITING OPERATOR TIME				
1 PM	2 PM	3 PM	4 PM	2000	FAST CODE	SLOW CODE	FAST CODE	SLOW CODE	FAST CODE
2 PM	3 PM	4 PM	5 PM	2100	CODE BULLETIN				
3 PM	4 PM	5 PM	6 PM	2200	DIGITAL BULLETIN				
4 PM	5 PM	6 PM	7 PM	2300	SLOW CODE	FAST CODE	SLOW CODE	FAST CODE	SLOW CODE
5 PM	6 PM	7 PM	8 PM	0000	CODE BULLETIN				
6 PM	7 PM	8 PM	9 PM	0100	DIGITAL BULLETIN				
6 ⁴⁵ PM	7 ⁴⁵ PM	8 ⁴⁵ PM	9 ⁴⁵ PM	0145	VOICE BULLETIN				
7 PM	8 PM	9 PM	10 PM	0200	FAST CODE	SLOW CODE	FAST CODE	SLOW CODE	FAST CODE
8 PM	9 PM	10 PM	11 PM	0300	CODE BULLETIN				

W1AW's schedule is at the same local time throughout the year. From the second Sunday in March to the first Sunday in November, UTC = Eastern US time + 4 hours. For the rest of the year, UTC = Eastern US time + 5 hours.

◆ Morse code transmissions: Frequencies are 1.8025, 3.5815, 7.0475, 14.0475, 18.0775, 21.0675, 28.0675, 50.350, and 147.555 MHz.

Slow Code = practice sent at 5, 7½, 10, 13, and 15 WPM.

Fast Code = practice sent at 35, 30, 25, 20, 15, 13, and 10 WPM.

Code bulletins are sent at 18 WPM.

For more information, visit us at

www.arrl.org/w1aw

◆ W1AW Qualifying Runs are sent on the same frequencies as the Morse code transmissions. West Coast qualifying runs are transmitted by various West Coast stations on CW frequencies that are normally used by W1AW, in addition to 3590 kHz, at various times. Underline 1 minute of the highest speed you copied, certify that your copy was made without aid, and send it to ARRL for grading. Please include your name, call sign (if any), and complete mailing address. Fees: \$10 for a certificate, \$7.50 for endorsements.

◆ Digital transmissions: Frequencies are 3.5975, 7.095, 14.095, 18.1025, 21.095, 28.095, 50.350, and 147.555 MHz.

Bulletins are sent using 45.45-baud Baudot, PSK31 in BPSK mode, and MFSK16 on a daily revolving schedule.

Keplerian elements for many amateur satellites will be sent on the regular digital frequencies on Tuesdays and Fridays at 6:30 PM Eastern time using Baudot and PSK31.

◆ Voice transmissions: Frequencies are 1.855, 3.99, 7.29, 14.29, 18.16, 21.39, 28.59, 50.350, and 147.555 MHz. Voice transmissions on 7.290 MHz are in AM double sideband, full carrier.

◆ Notes: On Fridays, UTC, a DX bulletin replaces the regular bulletins. W1AW is open to visitors 10 AM to 3:45 PM Monday through Friday. FCC-licensed amateurs may operate the station during that time. Be sure to bring a reference copy of your current FCC amateur license. In a communication emergency, monitor W1AW for special bulletins as follows: voice on the hour, teleprinter at 15 minutes past the hour, and CW on the half hour.

W1AW code practice and CW/digital/phone bulletin transmission audio is also available real-time via the *EchoLink Conference Server* W1AWBDCT. The conference server runs concurrently with the regularly scheduled station transmissions. The W1AW Qualifying Run texts can also be copied via the *EchoLink Conference Server*.

During 2025, Headquarters and W1AW are closed on New Year's Day (January 1), Presidents Day (February 17), Memorial Day (May 26), Independence Day (July 4), Labor Day (September 1), Veterans Day (November 11), Thanksgiving and the following day (November 27 and 28), and Christmas and the following day (December 25 and 26).

PARC President's Corner, David W4HEX



Reserved for future communications for the Club

PARC Club Meetings:

Meets on the second Thursday of each month at :

- * Zion Episcopal Church
- * 7322 US 264 East
- * Washington, NC 27889
- 7:00 PM start time

Nets:

2m Net every Thursday at 8:00pm (Except 2nd Thursday meeting night)

Washington (Chocowinity) repeater 147.255mhz PL 131.8

80m Net every Tuesday at 7:00pm

3850 SSB (or close by if freq in use)

Breakfast every Wednesday at:

Shep's Grill

129 N. Market St

Washington, NC 27889

Open to all Hams and interested parties.

8:00 - 8:30 Start

VE Sessions: Odd numbered month (Jan, Mar, May, July, Oct, and Nov) on 2nd Saturday at 9:30. No walk-ins, please reserve a spot. **Next session March 14, 2026**

Contact Tom Kottke Kottketom@gmail.com or INFO@PARC.Com

Location:

Beaufort County EOC

1420 Highland Ave

Washington NC 27889

Salvation Army Disaster Training Courses

<https://learn.salvationarmyusa.org/EDS/faith-and-community-based-organizations>

No-cost virtual training series

Subject: Kit Building Class

The email below is from Gene Jenkins, N4JEE @ jenkinen@outlook.com

When Amateur Radio began, there were no stores to buy a transmitter or receiver. People built their own. In fact, if you think about it, Guglielmo Marconi was the first amateur radio operator and he built his own gear. Since the beginning, home brewing has been an integral part of ham radio.

In 1955 I (Gene Jenkins) built my first radio. A Knight kit Space Spanner. It was a 3-tube regenerative receiver. With it and a 40m folded dipole on the roof, I listened to the world. One of the stations that boomed in on my LA home was K6DDI who identified himself as: "The Dirty Diaper Inspector from West Smogville." That got me interested in ham radio.

Henry radio was a short bike ride from my home and I went there and bought the ARRL Novice License Manual. Theory was not a problem; but it took me till 1984 to get up to 5 WPM and get my Novice license.

When I lived in Northern Virginia, I was a member of the Alexandria Radio Club. I put on a program one Saturday where participants were divided into teams and each team was given a box of parts. The goal was to design and build a crystal radio with the parts in the box. I will never forget one of the participants reaction to hearing a local radio station on the radio she helped build. Talk about a grin from ear to ear! This was a woman in her 40's who's father and uncle were both hams and she got her license as a teen ager. It reminded me of my own experience in 1955.

Today's technology, with surface mount components and dense packaging limits what one can home brew, but you can still get the thrill of putting a handful of components together and get a working radio. The New Bern Amateur Radio Club will be hosting a kit building class where we'll build a small QRP 40m CW transceiver called the Pixie.

The PIXIE 1/2 Watt CW 40-Meter Transceiver kit <https://w5nor.org/pixie/> comes with PC board and all parts only for \$5 and with a nice case for an extra \$10. Many similar kits can be found on eBay (just type in "PIXIE 40M CW RADIO kit").

The kit building sessions will be held on April 11 and April 18 at The Filling Station in Pollocksville, NC. These are the two Saturdays after RARSfest. The sessions will start at 9 AM both days, The first session will be kicked off with Pete Wene, WA5T, describing how the radio works, which will be of special interest to those just completing the General license class. We'll then practice installing components on a piece of perforated circuit board and soldering them. The rest of the day will be spent working on the transceiver. The parts that you don't get installed will be homework for the following week. The second session we'll complete soldering, testing and troubleshooting the transceivers.

What: 40-Meter Transceiver PIXIE Kit Building Sessions

When: Saturday April 11 & Saturday April 18, 2026

Where: The Fillingstation, 221 Main St. Pollocksville, NC 28573

Time: 9:00 AM - 11:30AM ??

Contact: Gene Jenkins, N4JEE jenkinen@outlook.com

Phone: (352) 235-5771 Cell or (252) 631-1010 Hm

Kits will be available for distribution at the March 2 and April 6 [NBARC] meetings. I have 3 boards only and 9 complete kits un-spoken for. If you would like to reserve one email me at jenkinen@outlook.com

You will need to have a pair of diagonal cutters and long nose pliers to work on your kits. If you don't have these, I picked up 3 sets on sale for \$5 each. Again, email to reserve.

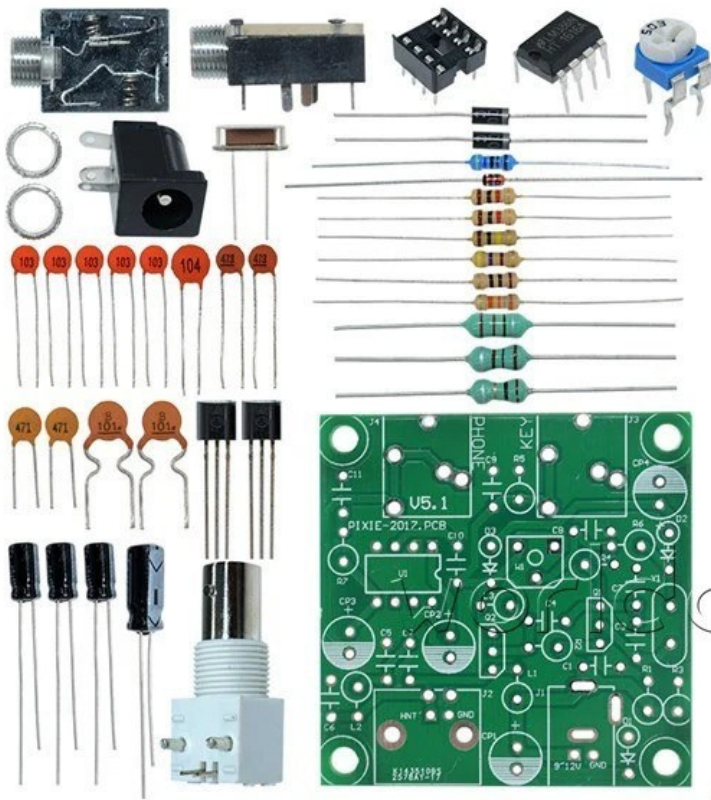
Attention Technicians. If you are building this kit just for the experience, the kit will be fine as delivered. If, however, you would like to actually get on the air for code practice with some of your classmates you'll need a different crystal. I have 10 replacements that I will put the Pixie on a frequency that you can use as a Tech. They cost \$1.50. Email to reserve.

If there is interest in learning Morse Code, I'm sure that one of the members will be happy to put together a class on the air with the Pixie and your classmates would be a wonderful learning experience and I'm sure that a net can be set up. Also, I'm sure that there are members that would love to help you design and build an antenna for your Pixie and future use and

maybe even a class.

Come on out, get some experience, and most of all get the satisfaction of home brewing something. Oh yeah, there'll be Elmers there to help where needed.

Gene Jenkins, N4JEE
jenkinen@outlook.com
(352) 235-5771 Cell



chips

DIY Kits





[Mike Nutt, K3LOE, photo]

“Hamcrafted” Birthday Gifts

Mike Nutt, K3LOE, recently had his first birthday as a new ham. To celebrate, his wife and two children made some “hamcrafted” miniature handheld transceivers. His 11-year-old son made a handheld with a high-gain antenna out of LEGO®; his wife made him a handheld with felt eyes; and his 7-year-old daughter made a handheld out of pony beads, which required careful planning on graph paper. Mike explained that his vanity call sign is an initialism of his family’s names: “Kisses 3: Lyra, Otis, Ellie.”

Word to the Wise

Rubber-Clocking — Changing the logged time of contacts to conform with contest rules. Do not do this, it’s against the rules. Log the contact when you make it. With modern logging software it should never be necessary to change the time for any contacts in a contest log.

Operating Tip New Contesters: Signal Reports

For major contests that require a signal report to be sent as part of an exchange, just send 59 or 599. You might think “huh, that’s not really a signal report!” and you’d be mostly right — it’s probably not an accurate signal report. You still have to send it. Contest sponsors, in general, do not check sent signal reports vs. received signal reports.

Sights and Sounds

The Madison DX Club makes their monthly presentations available on YouTube. In addition to DX-specific presentations, there are general-interest topics covered, such as how to protect your radio station computer (from hackers), propagation, and how to hunt down RFI sources.

W1AW to change digital mode in Keplerian Data Transmission on Tuesday, March 31, 2026

Beginning with the 6:30 PM EDT (2230z) Keplerian data transmission on Tuesday, March 31, 2026, Hiram Percy Maxim Memorial Station W1AW will replace the second digital mode - BPSK31 - with MFSK16.

RTTY (Baudot) will continue to be the first digital mode used in the Keplerian data transmissions. The frequencies used by W1AW for all its digital transmissions remain the same.

The current W1AW operating schedule - complete with times and frequencies - can be found on the ARRL website at www.arrl.org/w1aw-operating-schedule. The online digital schedule will be updated on the day of the Keplerian data transmission mode change.

Operating Tip

Log vs. Dupe

For most contests, the exchange is short — a report, a section, state, or other trifle, and you're done. So when someone calls in and you think they're a DUPE, it might be better just to work them. Especially if you're busy running, or if the contest is really slow. If you're running hard, you don't want to interrupt your flow. If things are slow, working someone again breaks up the monotony of repeatedly calling CQ. Others may also be lurking on your frequency just to hear your exchange, so that they are more confident in calling you, or to confirm what you sent them in a previous contact. Sending DUPE may be useful in contests with long exchanges, but that's likely rare. Be aware that in a "serial number contest" like the ARRL Sweepstakes, a competitor may make a contact with you just to find out how many QSOs you have. In QSO parties, contests with mobile or roving stations, the exchange changes with the location, so work them. In the Worked All Europe contest, multiple QSOs can be made to exchange up to 10 total QTCs between two stations, a very legitimate reason to work someone more than once.

Technical Topics and Discussion

It's a sticky topic: Use a metal fastener, or try something different? [3M VHB Tape](#) is very useful as a semi-permanent to permanent mounting solution. Just make sure to use it correctly by heeding the guidance for using the right tape for the right surface, and instructions on how to apply it. There is even a family of VHB useful for bonding to traditionally challenging surfaces like plastics and composites.

Even though some "New Old Stock" surplus doorknob capacitors have robust-looking screws for their terminals, those terminals are not "structural" — it's not advisable to support more than the weight of the capacitor, especially if the gear is going to be subject to vibration or jarring.

Modern ceramic film capacitors for RF can be quite physically large. When they're soldered, they need to be heated per the manufacturer's instructions, which specifies time and temperature profiles for heating. Not following the guidelines can lead to cracking or premature failure of the part. Kyocera, one maker of ceramic capacitors, [publishes a guide to soldering](#) multi-layer capacitors.

Ham Radio Helped During Hawai'i Severe Weather

While most of the contiguous US states were experiencing severe winter weather over the past two weeks, Honolulu, Hawai'i had a different kind of severe weather and amateur radio was ready.

On February 8 – 9, 2026, severe weather brought high winds, heavy rainfall, flash flooding, power outages, and hazardous surf conditions across Honolulu and the State of Hawai'i. The National Weather Service predicted that heavy rain, flash flooding, and damaging winds would affect all islands. Officials warned of possible flooding, hazardous travel, and power outages. Both Governor Josh Green and Honolulu Mayor Rick Blangiardi issued emergency proclamations to mobilize resources and protect public safety.

Amateur radio operators were activated inside the Emergency Operations Center (EOC) to support the [Department of Emergency Management \(DEM\), City and County of Honolulu](#). Volunteer communicators reported in and stood ready to provide backup communications should cellular or internet systems fail. They joined statewide HF nets at 9:00 AM, 12:00 Noon, and 4:00 PM on 7.090 MHz (LSB) and updated and posted the ICS-205 Communications Plan on HawaiiARES.net for download and offline reference.



The storm hit with 70-mph winds, knocked down trees, and dumped 30 inches of rain and mountain snow.

Radio traffic remained light, though, as outages were quickly addressed through coordinated efforts between city and state agencies and utility partners. Shelters and volunteers remained ready in case conditions worsened. This wasn't a drill and amateur radio operators were prepared to move quickly and efficiently.

“It was encouraging to work alongside such engaged and supportive leadership from the department management,” said Deputy RACES Program Coordinator Michael Miller, KH6ML. “Their awareness of our role in a larger grey or black sky event ensures the Radio Amateur Civil Emergency Service (RACES) remains fully integrated into emergency operations.”

Mark Kaku, KH6LT, coordinated amateur radio operations inside the EOC. “Our goal is simple, be ready before we're needed. We focus on coverage, documentation, and coordination so that if primary systems fail, we can immediately step in.”

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>

GREETINGS FROM THE HIGH COUNTRY! January 27, 2026

Some EXAM TESTING Locations

[NBARC] Ham Radio (VE) License Testing:

The [NBARC] New Bern Amateur Radio Club sponsors a (VE) Ham Radio License Testing Exam on the 3rd Saturday of EVEN NUMBERED MONTHS, hours are 9:00 AM - 11:00 AM. So, the next exam is scheduled for Saturday, June 21, 2025.

Exam times & location are: 9:00 AM - 11:00 AM

Rheem's Volunteer Fire Dept.
5860 Hwy 17 South
New Bern, NC 28562
Contact: Jim Scheer, W4NLD Ph: (252) 876-3733

As you face the building, enter from the left side.

Exam fees are \$15.00 but, it might go up in the future, so don't be surprised if the fee changes. Bring cash, or make personal checks or money orders out to; ARRL/VEC.

To obtain an Amateur Radio License and Call sign, you must first obtain a Federal Communication Commission (FCC) Registration Number (FRN).

Go to the FCC.GOV Website -

Select - FCC Commissions Registration System (CORES)

Select - UPDATED CORES

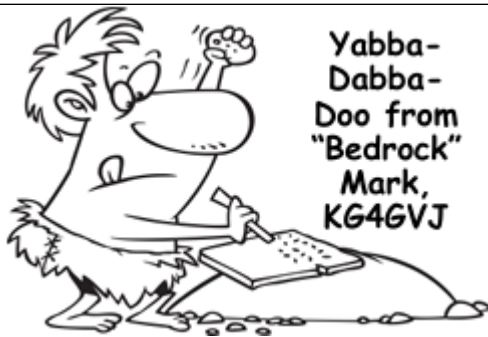
Select - LOGIN; and provide a username and password.

Follow the instructions to obtain an FRN.

After you have obtained your FRN, search the internet for NCVEC QUICK-FORM-605-APPLICATION. This will take you to the AMATEUR RADIO RELAY LEAGUE (ARRL) website with the interactive form NCVEC605. Fill out SECTION 1. Be sure to enter your FRN in the appropriate block, print the form, and bring it to the test session.

Looking forward to meeting you at the exam session.





Hi Folks,

Welcome to another month folks. I hope all is well with you and that this will be a great time for you all.

Looks like it's time to start planning on future Events, like Field Day, MS Bike and any other Ham related items that is coming up. Are you available to help on Club related Events? Some Events are for helping the Community, Some to help promote the hobby and the Club. Yes, even being retired, it's not easy to be available and able to help.

Interested in the Ham Chatter?

If your not receiving *Ham Chatter* email notices and would like to receive them, please send an email to Hamchatter@w4amc.com so we can get your email address and put you on our 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 a great practice for emergency nets or events. A script is available to read off of to help in the progress on the web site.

PUBLIC SERVICE? 2026 events soon.

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

[NBARC] Club Facebook Pages:

Our [NBARC] event photos are posted on BOTH our Public AND Private Facebook Club Pages for your viewing pleasure. You can view the photos and even right-click and save them to your computer. There are over 80+ Photos that we took just during our 2022 Summer Field Day alone for you to enjoy! Facebook makes it easy for anyone to share their photos, comments, and Buy-N-Sale items, and post interesting articles. Feel free to use it and Join our Private group as well. The Public page is open to the general public.

<https://www.facebook.com/NewBernARC> is our [NBARC] Public (Open to anyone) Facebook Page.

<https://www.facebook.com/groups/nbarc.org> is our [NBARC] Private (Must Join To View) Facebook Page.

<https://www.facebook.com/NewBernARC> is our [NBARC] Public (Open to anyone) Facebook Page.

<https://www.facebook.com/groups/nbarc.org> is our [NBARC] Private (Must Join To View) Facebook Page.

The Radio Amateur's Code

THE RADIO AMATEUR IS:

CONSIDERATE...

He/She never knowingly operates in such a way as to lessen the pleasure of others.

LOYAL...

He/She offers loyalty, encouragement and support to other amateurs, local clubs, the IARU Radio Society in his/her country, through which Amateur Radio in his/her country is represented nationally and internationally.

PROGRESSIVE...

He/She keeps his/her station up to date.
It is well-built and efficient.
His/Her operating practice is above reproach.

FRIENDLY...

He/She operates slowly and patiently when requested; offers friendly advice and counsel to beginners; kind assistance, cooperation and consideration for the interests of others.

These are the marks of the amateur spirit.

BALANCED...

Radio is a hobby, never interfering with duties owed to family, job, school, or community.

PATRIOTIC...

His/Her station and skills are always ready for service to country and community.

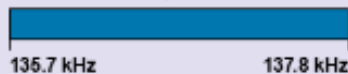
US Amateur Radio Bands

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
 [W] = CW only

LF – Low Frequency band

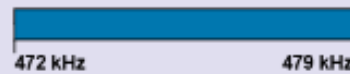
2200 Meters (135 kHz) E, A, G
1 W EIRP maximum



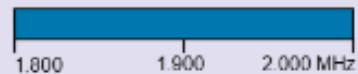
Amateurs wishing to operate on 2200 or 630 meters must first register with the Utilities Technology Council online at <https://utc.org/plc-database-amateur-notification-process/>. You need only register once for each band.

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



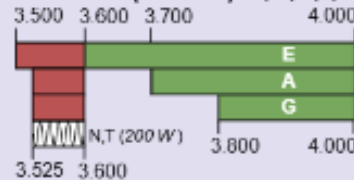
160 Meters (1.8 MHz) E, A, G



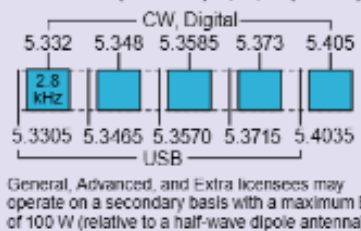
MF – Medium Frequency bands

HF – High Frequency bands

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

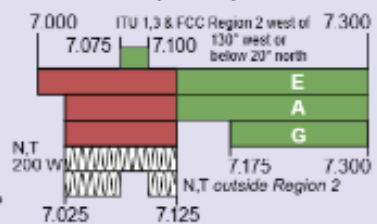


60 Meters (5.3 MHz) E, A, G (100 W)



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).

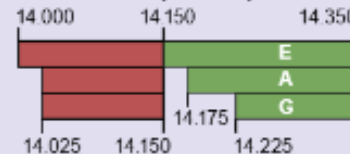
40 Meters (7 MHz) E, A, G, T, N



30 Meters (10.1 MHz) E, A, G



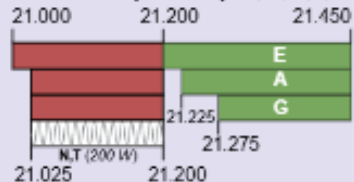
20 Meters (14 MHz) E, A, G



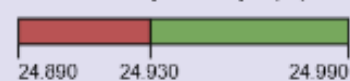
17 Meters (18 MHz) E, A, G



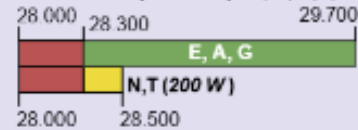
15 Meters (21 MHz) E, A, G, T, N



12 Meters (24 MHz) E, A, G

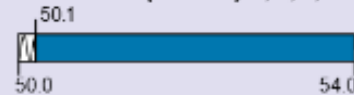


10 Meters (28 MHz) E, A, G, T, N

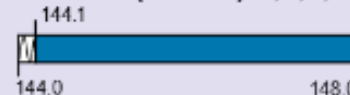


VHF – Very High Frequency bands

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



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

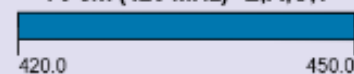


1.25 Meters (222 MHz) E, A, G, T, N



UHF – Ultra High Frequency bands

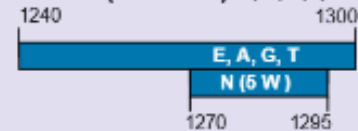
70 cm (420 MHz) E, A, G, T



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 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

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.

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:

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

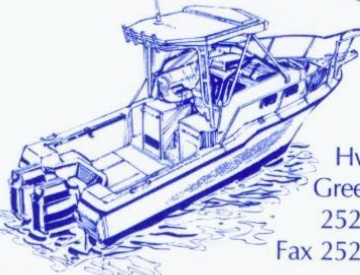
<http://www.pcra.us/>

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.



Mark Langley
 Mike Langley
KD4MTT

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

Special Event Stations

Working special event stations is an enjoyable way to help commemorate history. Many provide a special QSL card or certificate!

Mar. 3 – Mar. 14, 0001Z – 2359Z, N1KL, Wheelwright, MA. Geratol Net. **50 Plus Years of Service**. 3.668. QSL. Kevin Lynch, P.O. Box 124, Wheelwright, MA 01094. www.geratol.net

Mar. 7, 1400Z – 2100Z, W4OT, Vero Beach, FL. Vero Beach Amateur Radio Club. **Pelican Island National Wildlife Refuge**. 14.035 14.250 21.290 28.350. QSL. Vero Beach Amateur Radio Club c/o: IRC EOC, 4225 43rd Ave., Vero Beach, FL 32967. www.w4ot.com

Mar. 14 – Mar. 15, 1800Z – 0100Z, N2RE, Mount Laurel, NJ. David Sarnoff Radio Club. **PI Day**. 7.031 7.227 14.031 14.314. QSL. Donald G. Corrington, 7 Pinewald Ln., Burlington, NJ 08016-3421. <https://n2re.org>

Mar. 21, 1300Z – 1900Z, N4SRC, Kissimmee, FL. Solivita Radio Club. **Solivita Car Show**. 14.074 18.124 24.980. QSL. Solivita Radio Club, 117 Auburn Dr., Kissimmee, FL 34759. *SSB on 18.124, 24.980; FT8 on all frequencies (10 through 40 meters)*. www.solivitaradioclub.weebly.com

Mar. 21, 1330Z – 2100Z, K3S, Port of Baltimore, MD. Nuclear Ship *Savannah* Amateur Radio Club. **First LORAN Experiments**. 7, 14, 18, 21, 28. QSL. Ullis Fleming, 980 Patuxent Rd., Odenton, MD 21113. www.qrz.com/db/k3s

Mar. 21 – Mar. 22, 1400Z – 2359Z, K4NVA, Sterling, VA. Sterling Park Amateur Radio Club. **Virginia QSO Party**. 1845 3860 7260 14270. QSL. Sterling Park QSL Bureau — Attn: VAQP, P.O. Box 29, Sterling, VA 20167. *The theme is "Virginia is for Lovers"™ with special 1x1 call sign bonus stations that spell "Lovers:" K4L, K4O, K4V, K4E, K4R, and K4S. Also, in support of the ARRL Year of the Club, designated Virginia affiliated club call signs will also be bonus stations. See the VAQP website for complete rules and regulations.* www.qsl.net/sterling

Mar. 21 – Mar. 23, 0000Z – 0400Z, NJ2KC, Bridgeton, NJ. New Jersey Knights of Columbus Amateur Radio Club. **Free Throw Championship for Youths**. 7.2250 14.2500 21.4125 28.4500. QSL. Thomas M. Perrotti, 785 Vineland Ave., Bridgeton, NJ 08302-4822. www.nj2kc.org

Certificates and QSL cards: To obtain a certificate from any of the special event stations offering them, send your QSO information along with a 9 x 12-inch self-addressed, stamped envelope (3 units of postage) to the address listed in the announcement. To receive a special event QSL card (when offered), be sure to include a self-addressed, stamped business envelope along with your QSL card and QSO information.

Special Events Announcements: For items to be listed in this column, use the ARRL Special Events Listing Form at www.arrl.org/special-events-application, or email information to events@arrl.org.

Submissions must be received by ARRL HQ no later than the 1st of the second month preceding the publication date; a special event listing for **June QST** would have to be received by **April 1**. In addition to being listed in *QST*, your event will be listed on the ARRL Web Special Event page. Note: All received events are acknowledged. If you do not receive an acknowledgment within a few days, please contact us. ARRL reserves the right to exclude events of a commercial or political nature.

You can view all received Special Events at www.arrl.org/special-event-stations.

Don't Envy the Book Author; Become One!

ARRL is the largest amateur radio book publisher in the world, and we're looking for new authors.

ARRL provides:

- ◆ Technical vetting by experienced engineers
- ◆ Professional editing
- ◆ Technical illustration

CALENDAR OF EVENTS

Contest, Events and Meetings

2026 Starts Here:

Mar 7 SAT . . . BARC Meeting 10am **Tour**
Mar 12 PARC Meeting 7pm
Mar 31 BARC Board 7pm
April 9 PARC Meeting 7pm
April 10-15 . . . **EG1912T** Special Event Titanic
April 14 BARC Meeting 6:30pm
April 18 **Walk MS**, Perimeter Park, 3005 Carrington Mill Blvd. Morrisville, NC 27560
April 18 World Amateur Radio Day on Saturday, April 18
April 28 BARC Board 7pm
May 12 BARC Meeting 6:30pm
May 14 PARC Meeting 7pm
May 26 BARC Board 7pm
June 9 BARC Meeting 6:30pm FD prep
June 11 PARC Meeting 7pm
June 25 **Statewide Emergency exercise**
June 27-28 **FIELD DAY**
June 30 BARC Board 7pm
Sept 12-13 **MS Bike** New Bern

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

BARC Breakfast - Saturday after General meeting

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

PARC, Pamlico Meetings - 2nd Thursday @ 7pm

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

PUBLIC SERVICE? 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

2026:

North Carolina (Concord) — Mar. 6 – 7 **DFHQRSV**
Fri. 3 PM – 7 PM, Sat. 8:30 AM – 4 PM. Spr: Mecklenburg ARS.
Cabarrus Arena & Event Center Gold Hall, 4751 Hwy. 49 N. Tl:
146.655. Adm: \$12 Advance, \$14 door if using cash, \$15 if us-
ing a credit card. www.charlottehamfest.org

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

ARRL ROANOKE DIVISION CONVENTION

April 4, Raleigh, North Carolina

DFHQRSV

8 AM – 3 PM. Spr: Raleigh ARS. North Carolina State Fair-
grounds Jim Graham Bldg., 4285 Trinity Rd. Tl: 146.64. Adm:
TBD. www.rarsfest.org