

# Ham Chatter



Volume 54 Issue 1

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January 2020

Editor, Dave Langley, W4YDY

Email: hamchatter @ w4amc.com

## 2019 BARC Christmas Party Ham of the Year, W4EJ



**Dave Wood, W4EJ, (L) presented BARC Ham of the Year plaque by Peter Van Houten, N4PVH. Photo by JoAnn Wood**

The annual BARC Christmas party was held on December 10, 2019. Families enjoyed a covered dish meal and as usual, it was outstanding. Thanks to everyone for the great food and those setting up the food tables. The meal was outstanding as always.

After the meal, certificates and awards were presented by BARC President Dave Wood, **W4EJ**, to the members that volunteered to keep the club running in 2019.

The BARC Ham of the Year plaque was presented to President Dave Wood, **W4EJ**, by First Vice President Peter Van Houten, **N4PVH**. Other peer award certificates went to OM of the Year, Bernie Nobles, **WA4MOK**; YL of

the Year, Linda Nobles; Elmer of the Year, David Sourdis, **K1KK/HK1A**, and (absent) New Ham of the Year, Jason A Melendez, **W4CKA**.

Certificates were presented to the 2019 BARC officers who were re-elected at the November meeting for 2020. They were President, Dave Wood, **W4EJ**, First Vice President, Peter Van Houten, **N4PVH**, Second Vice President, Lou Demko, **W3LPR**, Secretary, Gary Coriell, **KK4GC**, Treasurer Jim Lowe, **AC4JL**, Trustee Bill Dawson, **WA4SLC**, and (absent) Trustee; Terry Monday, **K4ZYD**.

Other certificates were presented to Club Station Trustee, Bill Dawson, **WA4SLC**, Web Site Webmaster, Mike Monteith, **KM4OLT**, Ham Chatter Editor, Dave Langley, **W4YDY**, and Web Site Editor, Dave Langley, **W4YDY**.

Certificates were given for Volunteer Examiner Liaison Gary Coriell, **KK4GC**, and Volunteer Examiners, Dave Langley, **W4YDY**, Jim Lowe, **AC4JL**, Dave Wood, **W4EJ**, and Gerald Seighman, **KN4CKL**. Certificates for Volunteer Examiners not at the party were announced for Dan Wallace, **K4HMW**, and Al Mullis, **K4GOE**.

Many thanks to BARC Life Member, Mike Langley, **KD4MTT**, for counting the peer ballots, editing and printing the award certificates and getting the BARC Ham of the Year plaque that was presented to Dave Wood, **W4EJ**.

The club welcomed several visitors to the party including wives of members. It's a fact that the women did most of the food preparation whether they at-

**\*\*\* New Location \*\*\***

### Next Meeting January 14, 2020

The Brightleaf Amateur Radio Club will have its next regular meeting at 7 PM, Tuesday, January 14, on Charles Blvd in Greenville.

The meeting location is: Room 1200 in ECU Greenville Center - 2200 Charles Blvd. Enter the building on the side closest to Charles Blvd. and Inside here - Go Straight ahead and Room 1200 is at the end on the Left - just ahead of the exit doors. *(This building is just North of the State Employees' Credit Union).*

Program by Murray Adams, **WA4DAN**. He will present the groups DXpedition to St. Paul Island, **CY9C**, and plans to go to Sable Island, **CY0C**, in 2020. This could be the last one there for a long time due to new Canadian regulations. Murray is Co-Leader of the DXpedition group.

*All members, families and guests are invited to attend.*

### Board Meeting - January 28, 2020

The next board meeting will be Tuesday, January 28, at 7:00 PM at the Offices of Monday & Monday, (CPA), Suite D, East Victoria Court. All members invited.

tended the party or not. There were approximately 30 members and visitors at the party. Also visiting from Raleigh was the webmaster of the ARRL North Carolina Section web site, <<http://www.ncarrl.org/>> Susan Langley Jones, **WA4AKB**.

The Brightleaf Amateur Radio Club congratulates all volunteers for their time and energy in BARC. - **W4YDY**

### Neal Sumrell, NC4RR, SK

Long time BARC Member, Neal Sumrell, **NC4RR**, passed away late January 4, 2020.

## President's Corner– Dave Wood, W4EJ

## Next VE Session



**Dave Wood, W4EJ**

Well it's hard to believe it's already 2020, let alone the start of a new decade. I hope everyone enjoyed the holidays as much as I did.

2020 is starting out to be a busy year, the first event being a Special Event

station at Camp Lejeune on January 10-12 commemorating the birthday of John Lejeune. The 20 marines we licensed last year will be there manning our communications van. Jim and I will be heading down to help get everything going the morning of January 10th. If anyone wants to be a part of this, just let me know and we'll make the arrangements.

Closer to home, our next meeting is the 14th at our location on Charles Blvd. Murray Adams, **WA4DAN**, will be giving a presentation on his latest DXpedition to CY0. As usual, we will be having an informal get together at Sam Jones' BBQ for supper at 6 pm prior to the meeting. All are welcome! See you there. 73.

*Dave, W4EJ*

### NEW LOCATION

Exams will be held on Tuesday, February 18, 2020 at 2200 Charles Blvd, ECU Greenville Center in Room 1200, in Greenville, NC. Exams will start promptly at 6:30 PM. For more info email Gary, **KK4GC**, at [ve@w4amc.com](mailto:ve@w4amc.com). (remove spaces) Study material at <http://www.arrl.org/coursestraining>. Walk-ins welcome.

Please bring the following required:

- Photo ID (drivers license)
- Original Amateur Radio License
- Copy of Amateur Radio License
- Original CSCE's
- Copy of CSCE
- Test fee is \$15.00 .
- Proof of Tech Plus if before 3/21/87 and doing paper upgrade to General.
- SS Number will be needed if you don't have an FRN number. \*

Go to <http://www.w4amc.com/barcinfo.html#VE> for more information.

## South Orkney Islands DXpedition will Use VP8PJ

The Perseverance DX Group's DXpedition to South Orkney, set for February 20 until March 5, will use the call sign VP8PJ. The group initially announced that it would use VP8/VP8DXU.

"Alan Armstrong, **VK6CQ**, a recent addition to the team, holds the call sign VP8PJ that was issued to him for operation from the British Antarctic Territory," the DXpedition has announced.



"After submission of a copy of Alan's license, ARRL has issued us a new LoTW certificate for the use of this call from South Orkney for the duration of our expedition."

Contact the DXpedition via email. [info@sorkney.com](mailto:info@sorkney.com) - via [arrl.org](http://www.arrl.org) 1/3/20

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**Happy Birthday**

Brightleaf Amateur Radio Club members birthdays in **January**.

01-06 W4ESO Frank Spencer  
01-17 KM4OKC David Mull

Please let me know of any additions or corrections. [hamchatter@w4amc.com](mailto:hamchatter@w4amc.com)

## Well Wishes

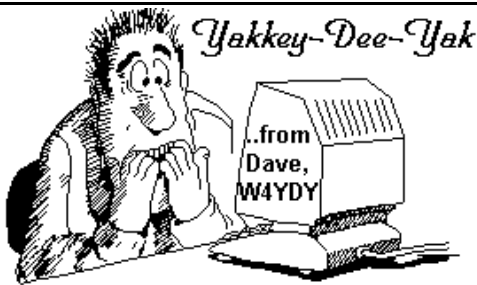
Thoughts and Prayers go out to the following:

John McCoy, K4KBB  
Doug Ferris, K4ROK

Please inform Peter Van Houten, **N4PVH**, of any changes.



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### What's New!

The web site at [w4amc.com](http://www.w4amc.com) has a *What's New* page. When you go to [w4amc.com](http://www.w4amc.com) home page, you will see the date of the latest updates. The home page many times will look the same but you need check the What's New page <<http://www.w4amc.com/barcnew.html>> to see the latest changes with links to the pages that have been updated. The site is updated sometimes several times a week but then when things are slow, it might be a week or two. I try to update it soon after the regular and board meetings and also after VE sessions. The VE sessions are updated about a week later when the FCC dated is posted with new upgrades and new call signs. Also, after the VE session, the new date is updated with the next session date. It usually effects a couple of pages.

The *News* page <<http://www.w4amc.com/barcnews.html>> is often updated with the latest happenings of the

club. This news is also printed in Ham Chatter but sometimes a shorter version with less pictures. But to keep up with the happenings, don't forget the check the What's New page.

### Don Larson and TV in the 1950s.

Some of you may have heard that the only pitcher in baseball to pitch a perfect game in a World Series, Don Larson, passed away on New Year's Day, 2020. He pitched the perfect game on Saturday, October 8, 1956, just 4 years and 1 day since I had received W4YDY.

I was working at WITN at the old transmitter site in Grifton at the time and it was my day off. I had gone back to my home in Aurora and watched the game on WITN. Just a year earlier, I had flipped the switch to put the first program on WITN on the air at 11:45 AM and it was the first World Series game in color between the New York Yankees and the Brooklyn Dodgers. Games were only played in the daytime. That story can be seen at <https://www.qls.net/w4ydy/witn-story.html>.

They met again in 1956 and they were playing the fifth game. I watched the whole game by myself on a black and white TV. Since my Dad sold TV's at his appliance store, it was probably a big 21 inch picture. For the second year, the World Series was telecast in color. You

might think that I missed seeing the game in color but there was never a color TV at the transmitter building while I was there. We had three B&W monitors. Picture on my web site.

The only color TV I remember seeing up to that time was at WNCT before I left in 1954 and it was the RCA CT-100 that sold for \$1000. It had 36 tubes including the 15 inch picture tube.



There were over 1000 other parts. RCA lost money on every one sold.

The first color broadcast from CBS was a variety show.

WNCT invited a number of people from the Greenville area to watch it. The CT-100 TV was set up in the studio. I was assigned to be next to the TV to make any necessary adjustments.

The Yankees won in 7 games. There are a lot of videos on YouTube about the game but I only saw one of the whole game and that was a radio broadcast with some still pictures. There was no video tape in service at that time. The first network use of video tape was in November 1956, a month after the game. - W4YDY

## Dr. Marvin Hoffman, WA4NC, ARRL NC Section Manager, beginning April 1, 2020 *Dec 12, 2019*

I am pleased to announce that Dr. Marvin Hoffman, WA4NC of Boone will be the new ARRL NC Section Manager beginning April 1, 2020.

Marv WA4NC is a Life Member and former President of the Watauga Amateur Radio Club. His primary interest is emergency communications. Marv WA4NC is credentialed by the NC Division of Emergency Management (NCEM) as a COML Type III AHIMT; a credentialed COMT; and, he is a member of NCEM's Western Branch Incident Management Team. Marv WA4NC is currently the Assistant District Emergency Coordinator (Area 12) for NC ARES-NC AUXCOMM. In addition, Marv WA4NC is an ECD-recognized Instructor of the AUXCOMM curriculum. In 2015, Marv WA4NC received the KB4C - Miriam Smith Memorial Award, which honors an

amateur radio operator within the 16 western counties of North Carolina who is active in their commitment to emergency and public service communications through the ARES/RACES programs. Marv WA4NC is one of the most active amateurs in western NC and presently hosts three VHF/UHF repeaters (2 DMR, 1 FM analog) in the "high country" area. Dr. Hoffman is a retired faculty member from Appalachian State University. Marv WA4NC holds an Amateur Extra license.

I have known and worked with Marv WA4NC for an extended period and I am very confident he will provide outstanding leadership for the NC Section. Please take the time to meet Marv WA4NC and support him as the new ARRL NC Section Manager.

I would like to thank you for the opportunity to be your Section Manager.

Your friendship and support made Section Manager tasks easier and fun. As always, thanks for all that you are doing for amateur radio and for your community. It is appreciated greatly!

Happy holidays and 73, Karl W4CHX via North Carolina ARRL Section Information

### Following from ARRL.ORG.

Marvin Hoffman, WA4NC, of Boone, North Carolina, will take the reins as of the North Carolina ARRL Field Organization this spring. Hoffman was the sole nominee to succeed incumbent Section Manager Karl Bowman, W4CHX, of Raleigh, who decided not to run for a new term after serving since 2014. Because no challengers came forward by the nomination deadline, no contested SM elections will take place during the winter election cycle. 12/27/2019

## BARC Monthly Minutes - December 2019

Minutes from December 2019 BARC club meeting

Meeting location was ECU Greenville Center at 2200 Charles Blvd in Greenville.

CTO at 7:00 pm

Recited Pledge of Allegiance

Introductions

Minutes from November 2019

board meeting read and accepted.

Treasurer's report

Dave Wood read e-mail communications pertaining to past issues with our participation in the Dash for Cash event.

USMC class in December was rescheduled to January 27-31; also, they have a special event scheduled for Janu-

ary 10-12. Contact Dave Wood or Jim Lowe for details.

Meeting adjourned at 7:25 pm for Christmas Dinner.

Respectfully submitted,

*Gary Coriell, KK4GC*

## BARC Board Minutes - December 2019

Minutes from December 2019 BARC board meeting

CTO at 7:00 pm

Attendance: Peter Van Houten, Dave Langley, Gary Coriell, Jim Lowe, Gerald Seighman, Terry Monday, Dave Wood, Lou Demko, Bill Dawson

Minutes from December club meeting read and approved.

Discuss at the next club meeting the menu for Field Day.

Treasurer's report

The board determined that Richard (as the club QSL manager) should be the person responsible for uploading all event logs to the various QSL services (eQSL, LoTW, Clublog, etc.), and that - for any particular event - the club event coordinator will be responsible for providing an ADIF file of the event's logs to the club QSL manager.

We will investigate and price out

various solutions (hotspots, etc.) for mobile Internet access in the ARES trailer.

We determined that we need two permanently-mounted logging computers in the ARES trailer, one for each of the two 7300s.

Meeting adjourned at 8:33 pm.

Respectfully submitted,

*Gary Coriell, KK4GC*

### \*\*\*\*\* W4AMC Special Event Station at Camp Lejeune – January 10/12 \*\*\*\*\*

A special event station, **W4AMC**, commemorating the birthday of John Lejeune will be at Camp Lejeune, Jacksonville, NC. Dave, **W4EJ**, and Jim, **AC4JL**, will be going down on January 10 to set up. Anyone wishing to help, contact Dave, **W4EJ**.

## 2020 Membership Dues

It's that time of the year once again. Membership dues for BARC will be due January 1. Membership dues are as follows and are the same as 2019:

- Regular Member \$20.00
- Family Member \$2.00
- Associate Member (Non-Licensed) \$5.00
- Life Member \$0.00
- New Hams: 18 and younger (1st year) \$5.00
- New Hams: 19 and older (1st year) \$10.00

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 <http://www.w4amc.com/barc-application.html>.

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**

Those who have not renewed their dues by March 1, 2009 will be removed from the roster and the Ham Chatter mailing list. Membership will be reinstated upon receipt of 2020 dues.

If there are any questions concerning membership status or dues, please contact Jim Lowe, AC4JL, (2020 Treasurer) at <[treasurer@w4amc.com](mailto:treasurer@w4amc.com)> or (252) 320-6545.

Thank you for your continued support and participation in BARC.

## CWops to Celebrate 10th Anniversary with January QSO Party



In January, CWops will celebrate its 10th anniversary with a month-long QSO party that will include CW activity on HF contest

bands. The event is open to all radio amateurs, and certificates and awards will be available based on contact totals. CWops non-members may only contact CWops members, while members may work any station. According to the announcement, many special club and one-off celebratory call signs will be active, and these will count toward award credit. Complete information is on the CWops website. <<https://cwops.org/cwops-10th-anniversary-celebration/>>". via [arrl.org](http://arrl.org) 12/31/2019

# Two Solar Cycle 25 Sunspots Appear

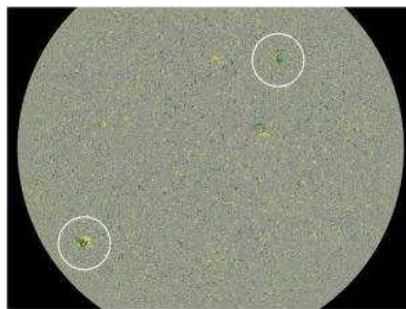
New Solar Cycle 25 is on the way, but just when the transition from Cycle 24 to Cycle 25 will take place is not entirely clear. On December 24, two new sunspots — one in each hemisphere — emerged on the face of the sun that exhibit the reversed magnetic polarity marking them as belonging to Solar Cycle 25. According to Hale’s Law, sunspot polarities flip-flop from one solar cycle to the next, the National Center for Atmospheric Research explains.

“The sun is currently in solar minimum — the nadir of the 11-year sunspot cycle,” Tony Phillips said in his article, “Reversed Polarity Sunspots Appear on the Sun” on the Spaceweather.com website. “It’s a deep minimum, century-class according to sunspot counts.” The remarkable sunspot scarcity has prompted discussion of a possible “extended minimum” akin to the Maunder Minimum in the 17th century, when no sunspots appeared for decades, Phillips said. “Such an event could have implications for terrestrial climate.”

“Today’s new-cycle sunspots (along with isolated new-cycle spots earlier this year) suggest that the solar cycle is, in fact, unfolding normally,” Phillips

wrote, adding that a new Maunder Minimum does not appear to be in the offing.

Earlier this month, the NOAA/NASA-co-chaired international Solar Cycle Prediction Panel released its latest forecast for Solar Cycle 25. The panel’s consensus calls for a peak in July 2025 ( $\pm 8$  months), with a smoothed sunspot number of 115 and the solar minimum between Cycles 24 and 25 occurring in April 2020 ( $\pm 6$  months). If this solar minimum prediction is correct, it would make Solar Cycle 24 the seventh longest on record at 11.4 years.



Climate scientist David Archibald speculates that the Solar Cycle 24/25 minimum could occur as late as March 2021, and that Cycle 25 maximum might not happen until 2027.

“We are well into the Solar Cycle 24/25 minimum but [Cycle] 24 may not have ended yet,” Archibald said in a December 22 update on the Watts Up With That? website. “A solar cycle isn’t over until the heliospheric current sheet has flattened. And that could be as late as March 2021. Solar cycle amplitude does matter with respect to climate and the amplitude of Solar Cycle 25, from projecting trends from the last three cycles, looks like being about 80 in 2027.”

The Solar Cycle Prediction Panel agreed that Cycle 25 will be of average intensity and similar to Cycle 24.

In an article posted on NOAA’s Space Weather Prediction Center site, Scott McIntosh, the Director of the High Altitude Observatory at National Center for Atmospheric Research (NCAR), stresses that Solar Cycle 25 will happen, “but a sunspot cycle could be small.”

Predictability comes with some physical understanding of the underlying process, McIntosh asserts. “The sunspot cycle is erratic,” he said in his presentation, “provocative of a chaotic, turbulent solar interior where sunspot progressions with time and latitude are the only tracers...” - *via arrl.org 12/30/2019*

## Bar Code Lead Developer George Laurer, K4HZE, SK

The lead developer of the bar code system that became the now-ubiquitous Universal Product Code (UPC), George Laurer, **K4HZE**, of Wendell, North Carolina, died on December 5. He was 94. While an electrical engineer with IBM in North Carolina’s Research Triangle Park in the early 1970s, Laurer led the effort to develop the bar code system. The UPC, composed of 30 unique black bars and a 12-digit number, allows retailers to identify products and prices as they are scanned. It was used for the first time in a retail setting in 1974.

Laurer also later patented one of the first handheld UPC scanners, according to his obituary. As The Washington Post reported, “The bar-code concept had originated in the 1940s, when N. Joseph Wood-



land designed a bull’s eye-shaped system of concentric circles, inspired by the dots and dashes of Morse code.” Woodland became a colleague of Laurer’s at IBM, and Laurer considered him “the father of the supermarket scanning system.”

A native of New York, Laurer served in the US Army during World War II after being drafted while he was still a junior in high school. He graduated from the University of Maryland in 1951 and spent 3 decades working for IBM.

Accounts describe Laurer as an inveterate tinkerer, even up to his final years.

IBM never patented the bar code system, but made it publicly available in order to sell the associated hardware. - *via arrl.org 12/14/2019*

## Year-Long German Special Event to Honor Beethoven



German special event station DL250BTHVN will be active between December 16, 2019, and December 17, 2020, to honor the 250th anniversary of the birth of famed composer Ludwig van Beethoven. The Beethoven anniversary year will take place under the auspices of Germany’s Federal President Frank-Walter Steinmeier. Beethoven was born in December 1770 in Bonn, Germany, and lived there for the first 22 years of his life. The anniversary event is aimed in part at highlighting Beethoven’s extensive oeuvre as a composer and to boost Bonn’s reputation as a “Beethoven city.” QSL via direct or by the bureau. - *via arrl.org 12/12/2019*

# 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.**

**FOR SALE: BUDIPOLE ANTENNA** - A complete budipole antenna system, with extra parts to make a 3 ele 2 mtr, or a 3 ele 6 mtr beam. All contained in one carrying bag. \$375.00. Email Bernie Nobles, **WA4MOK** <wa4mok @ embarqmail.com>

## Classic Collins station FOR SALE

**KWM-2 Transceiver, Serial # 149** - Winged Emblem. Original box, 3 "KWM-2" Instruction books, dated Aug 1959, Oct 1959, Apr 1960. One "KWM-2 and KWM-2A" Instruction book dated Feb 1969. Collins Service bulletins and modification, Collins cables, mod records. Set of spare tubes and a spare relay. Electro-Voice microphone and stand. Heath-kit Q Multiplier GD-125, used as peak and notch filter on KWM-2. \$600. One owner. See the station at <https://www.qsl.net/w4ydy/>.

**512F-2 Power Supply, Serial # 2200** - Winged Emblem. Original box. Parts list and schematic in KWM-2 instruction books. Replaced tubes and all of the electrolytic capacitors in May 2018. One owner. \$300. Both: KWM-2 & PS, \$800.

**ROCK BOTTOM PRICES!** Internet prices **higher!**

**30L-1 PARTS:** New plate transformer in OEM box. \$200. New fan \$60. Email **w4ydy @ arrl.net**  
*Will consider best offer for all above.*



## Pitt County Repeater Association

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

## BARC on FACEBOOK

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

## Facebook and Group details

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

## 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!**

### *Monday & Monday, CPA's, PA*

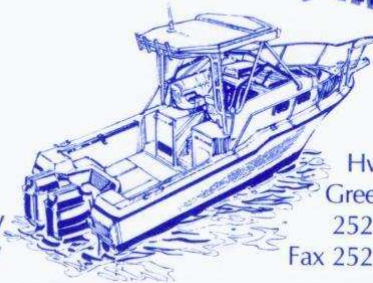
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## Yahoo Groups Shutdown has Ham Radio Interest Groups Seeking to Save Content *via arrl.org 12/31/2019*

Yahoo Groups, which has hosted a considerable number of ham radio interest groups over the years, is shutting down. All previously posted content on the site became unavailable in mid-December, but Yahoo is processing requests to download content until January 31, 2020. Yahoo also has provided group administrators (“admins”) a way to export data ahead of that deadline. Groups will continue to live on in some limited fashion, but all groups will become private, and nearly all of the functionality that made them popular in the first place will disappear.

Around since 2001, Yahoo Groups, now owned by Verizon, has provided online repositories of communications and information on a wide variety of specialized subjects and activities, including Amateur Radio. Yahoo Groups for nearly every radio have been established, where owners could exchange information and ask questions. Other groups on the Yahoo platform offered a watering hole for those interested in a particular ham radio activity as well as for those who want to buy and sell gear and components. Some clubs and ham radio logging software users have taken advantage of Yahoo Groups.

New platforms such as Groups.io, Facebook, and Google are looking to assume the role that Yahoo Groups is stepping away from. Groups.io charges fees to migrate content onto its platform, however, and Facebook and Google lack the ability to import content at all. With

Groups.io as the most likely successor platform, many admins have assumed the migration expense and relocated group content so it would not be lost. Not all groups have been as fortunate, however, putting them into the position of starting from scratch and losing years of conversations, files, polls, and data.

Web application developer Andy Majot, K5QO, of Sellersburg, Indiana, took the initiative to download archives of Yahoo Groups devoted to individual ham radio gear and uploaded them to his personal website.

“I hope to have them hosted in perpetuity for future hams to use,” Majot told ARRL. “It should be noted that I backed up groups regardless of whether they are living on in other platforms; I wanted to snapshot the groups as they were on Yahoo prior to their deletion.” Majot noted that several of the groups he has archived have already migrated their content to Groups.io, but many more have not.

Majot said an organization called Archive Team is helping to save as many Yahoo Groups as possible and has been backing these up since the closure announcement in October, but, Majot said, progress has nearly halted since Yahoo cut off access to many group features in mid-December.

Majot invited those seeking to relocate Yahoo Groups archives to contact him. “I would be happy to host these files, alongside my other archives,” he said. — Thanks to Andy Majot, K5QO

## New England Radio Amateur Hosts Video on Tower Safety

Jim Idelson, K1IR, of Sudbury, Massachusetts, recently provided a club meeting program on ham radio tower safety for the Billerica Amateur Radio Society (BARS). Kayla Creamer, W2IRY, recorded and edited the presentation and made it available online. <[https://youtu.be/1IW\\_oRMzACQ](https://youtu.be/1IW_oRMzACQ)> It runs approximately 1 hour and 10 minutes.

In his presentation, Idelson said an estimated 38,000 amateur radio towers are standing in the US, with 24 hours of climbing time per tower each year. He noted that two tower-climbing fatalities have occurred

in the past year, with a calculated fatality rate that’s twice that of commercial tower workers. In more than half of amateur tower incidents, the climber fell while tied into the tower, while another 37% involved falls. Idelson advised radio amateurs to plan, identify, and mitigate risks in advance of a climb, to focus and be patient, and not to get distracted.

“Risks of tower work are far too high,” Idelson told his audience. “Success depends on creating a culture that values safety”. *via arrl.org 12/31/2019*

## NETS

### VHF/UHF

◆**BARC Net**, Mondays, 2000 on 147.09 MHz, W4GDF Repeater.

◆**Down East Hospital Net**, 2nd Tuesday of each month at noon

Greenville 444.725 MHz, 91.5 tone N4HAJ

Fountain 444.425 MHz, 88.5 Tone N4HAJ

◆Newport SkyWarn Tues. nights 2100E Grifton-146.685-88.5 tone

◆Newport-145.450..... IRLP 8561 links to Columbia

◆Jacksonville-147.000- 88.5 tone

◆Oriental-147.210-151.4 tone

◆444 Newport-444.825- 88.5 tone

◆Swansboro-146.760- 88.5 tone

◆Grantsboro-145 230 - 85.4 tone.

◆Kinston Amateur Radio Society Net, 1,3,4 Tuesdays, 2000 hrs. on 145.47 MHz., W4OIX repeater in Kinston.

◆Eastern North Carolina Traffic Net, Every night, 2030 on 146.685 MHz.

◆Wilson Amateur Radio Club Net, Thursdays @ 2000 on 146.76 MHz.

◆ Piedmont Coastal Traffic Net, Nightly 2030 on 146.88 MHz.

◆Carteret County ARS (CCARS) Emergency Net, Tuesdays, 1930 on the Newport 145.45 (-) MHz.

◆Coastal Emergency Linking Net, Wednesday, 2100 ET on Ahoskie 145.13, Buxton 145.15, Columbia 146.835 & 443.30, Elizabeth City 146.655, Greenville, 145.35, Hertford 147.33, Williamston 145.41 & 444.25

### HF

Tar Heel Emergency Communications Net on 3923 kHz Nightly 1930.

### NTS CW Nets

◆3.571 2000 hours, slow speed (5-8 wpm) Carolinas Slow Net

◆3.573 1900 hours, high speed (20wpm)

◆3.573 2200 hours, slow speed (12-14 wpm), South Carolina/North Carolina

### National Traffic System

Eastern North Carolina Traffic Net (ENCTN) 146.685 (146.085 in) Mhz (PL 88.5) 2030E

## BARC Email Addresses

\*President @ w4amc.com

to Dave Wood, **W4EJ**

\*Treasurer @ w4amc.com

to Jim Lowe, **AC4JL**

\*VE @ w4amc.com

to Gary Coriell, **KK4GC**

\*Hamchatter @ w4amc.com

to Dave Langley, **W4YDY**

\*QSL @ w4amc.com

to Richard Campbell, **W4JNC**

\*BARC @ w4amc.com

to Mike Monteith, **KM4OLT**

# BARC CALENDAR OF EVENTS

Jan 10/12..... **Camp Lejeune Special Event**  
 Jan 14..... **Regular Meeting**  
 Jan 24/26..... CQ WW CW 160M Contest  
 Jan 28..... **Board Meeting**  
 Feb 1..... Ham Chatter **Deadline**  
 Feb 1..... FrostFest, Richmond, VA  
 Feb 8/9..... CQ WPX RTTY Contest  
 Feb 11..... **Regular Meeting**  
 Feb 15/16..... ARRL CW DX Contest  
 Feb 18..... BARC VE Session  
 Feb 21/23..... CW WW SSB 160M Contest  
 Feb 25..... **Board Meeting**  
 Feb 29..... Ham Chatter **Deadline**

Mar 1..... **NC QSO Party at W1VOA**  
 Mar 7/8..... ARRL SSB DX Contest  
 Mar 10..... **Regular Meeting**  
 Mar 28/29..... CQ WW SSB WPX Contest  
 Mar 31..... **Board Meeting**  
 Apr 4..... Ham Chatter **Deadline**  
 Apr 14..... **Regular Meeting**  
 Apr 21..... BARC VE Session  
 Apr 28..... **Board Meeting**  
**Regular Meeting** - 2nd Tuesday @ 7:00 PM  
**Board Meeting** - Last Tuesday @ 7:00 PM

Contest Calendar: All the rules.  
<https://www.contestcalendar.com/weeklycont.php>

BARC 2 METER NET - MONDAY NIGHTS AT 8:00 PM - 147.09 W4GDF REPEATER - 131.8 Tone

BRIGHTLEAF AMATEUR RADIO CLUB STATIONS

**W 1 V O A - W 4 A M C - W 4 U H S**



Next Meeting  
 January 14, 2020

**January 2020**

To:



**Ham Chatter**  
 Brightleaf Amateur Radio Club  
 PO Box 8387  
 Greenville, NC 27835