

# Ham Chatter



Volume 54 Issue 7

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July 2020

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## **BARC in-person Meetings, Regular, Board and VE session cancelled until further notice.**

## **Next Meeting - On ZOOM. July 14, 2020, 7 PM**

The Brightleaf Amateur Radio Club will have its next meeting Tuesday, July 14, 2020 at 7 PM. The meeting will be on ZOOM. See front page article in the April, 2020 *Ham Chatter* for details on setting up and signing in. Contact Peter Van Houten, **N4PVH**, for details if you are having trouble setting up.

Program: Volunteer Monitor Program Coordinator Riley Hollingsworth, K4ZDH. He will join the club meeting on Zoom to talk about the monitor program and some of the results so far.

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

**Board Meeting - July 28, 2020**  
**The meeting will be on ZOOM.** The next board meeting will be Tuesday, July 28, at 7:00 PM via Zoom. All members invited.

### **International Postal Service Disrupted**

The US Postal Service (USPS) has temporarily suspended international mail acceptance for items addressed to certain destinations due to service impacts related to the COVID-19 pandemic. This situation could result in the return or loss of mail, such as QSL cards, addressed to affected parts of the world. The USPS has posted a list of affected countries, which is updated regularly. The Postal Service will, upon request, refund postage and fees on mail bearing a customs stamp that's returned due to the suspension of service, or the sender may re-mail returned items with existing postage once service has been restored. When re-mailing under this option, customers should cross out the markings "Mail Service Suspended — Return to Sender." - *via arrl.org*

## **Volunteer Monitor Program Recognizes Good Operators**



**Riley Hollingsworth, K4ZDH**

Volunteer Monitor Program Coordinator Riley Hollingsworth, K4ZDH, said the program has recognized numerous radio amateurs with Good Operator Notices.

"One facet of the ARRL and FCC agreement that set up the Volunteer Monitor Program calls for ARRL to recognize especially good amateur radio behavior, in order to encourage compliance with FCC rules and further the efficiency of the Amateur Radio Service," Hollingsworth said. "Seventeen operators in 15 states received Good Operator Notices in the first quarter of 2020. The Good Operator Notices went to veteran operators as well as newcomers, including a 13-year-old in North Carolina for CW operation during the Youth on the Air Special Event, and a 14-year-old in Wyoming for SSB operation."

Hollingsworth also said that a 2-

meter repeater operator received a Good Operator Report for establishing and managing a COVID-19 net in Pennsylvania, while other operators of various license classes received notices for everyday SSB and CW operation on the HF bands. Recipients were nominated on the basis of operation observed by Volunteer Monitors.

According to Hollingsworth, Volunteer Monitors reported 2,035 hours monitoring on HF monitoring, and 2,856 hours monitoring on VHF/UHF and other frequencies during May. Two cases were referred to FCC.

After kicking off on January 1, the new Volunteer Monitor Program ramped up to operational status earlier this spring, starting with a "soft rollout" that started on February 1, designed to familiarize Volunteer Monitors (VMs) with issues on the bands and to put into practice what to report — and what to ignore, based on their training.

VMs not only look for operating discrepancies, but for examples of good operating. Hollingsworth is using a system called VMTRAC — developed by a VM — to measure the work of VMs and determine instances that qualify for good operator or discrepancy notices, referral to the FCC, or follow-up with FCC requests to the VM program. — Thanks to Riley Hollingsworth, K4ZDH - *via arrl.org*



## President's Corner, Dave Wood, W4EJ



**Dave Wood, W4EJ**

I hope everyone is well and staying safe. For those who participated in Field Day don't forget to relate the score to the Brightleaf Amateur Radio Club so that the club will get the proper credit. And to those who do participate in field day, thanks for the effort in these trying times.

Our next meeting is on July 14th via Zoom and will feature Riley Hollingsworth, **K4ZDH**, coordinator of the new Volunteer Monitor Program. This new program replaces the old Official Observer program and has more legal teeth than the former program. I'm sure this will be an interesting program! See you there.  
73, *Dave, W4EJ*



**Happy Birthday**

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

07-04	K4KK	David Sourdis
07-12	KG4CZW	Bonnie Pulver
07-24	WA4MOK	Bernie Nobles
07-29	W4YDY	Dave Langley

Please let me know of any additions or corrections. If yours is missing, I don't have it! Please, please email *hamchatter (at) w4amc.com*

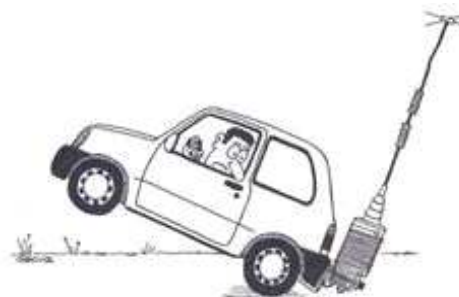
### VERY IMPORTANT CORONA VIRUS INFOMRATION

**WEAR ANY MASK while outside in public AT ALL TIMES (N95, surgical mask or bandanna in that order of effectiveness) as they all reduce the spread of the virus. The data shows that there is a 98% reduction in transmission of the virus if you wash your hands at least 4x a day and wear a mask. Lets ALL DO THIS for the sake of the country!!!!**

**Dr. Peter Van Houten, N4PVH**

#### Login for BARC meeting on Zoom

Peter Van Houten, **N4PVH**, will be running Zoom for the meeting. To join, use his Zoom number, 699-723-8982. The password will be sent via email. If you have problems, call or email Peter or another club member.



## Well Wishes

Thoughts and Prayers go out to the following:  
Byron Highland, K4BMH  
John McCoy, K4KBB  
Doug Ferris, K4ROK  
*Please inform Peter Van Houten, N4PVH, of any changes.*



## Next VE Session

### AUGUST SESSION CANCELLED

Exams will be held on Tuesday, August 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*. (remove spaces) Study material at <http://www.arrl.org/courses-training>. Walk-ins welcome.

Please bring the following required:

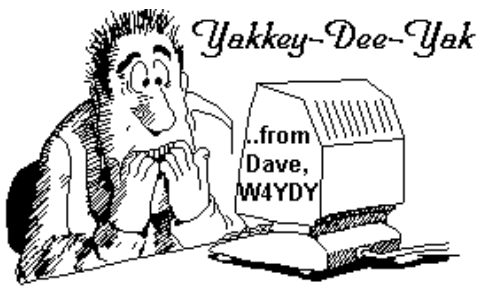
- Photo ID (drivers license)
- Original Amateur Radio License
- Copy of Amateur Radio License
- Original CSCE's
- Copy of CSCE
- Test fee is \$15.00 .
- Proof of Tech Plus if before 3/21/87 and doing paper upgrade to General.
- SS Number will be needed if you don't have an FRN number. \*

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

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## THE END - January 2021

Notice was given to the BARC Officers on June 29 that I am retiring as editor of *Ham Chatter* and W4AMC.COM. After 23 1/2 years as web site editor and 22 1/2 years as *Ham Chatter* editor, I think it's time to hand over the positions to others. In a later *Ham Chatter*, I will go over some of the history of how the web site started and other history. I will also ending my work on email lists and birthday lists. I can be consulted but I will do no more editing or writing. **The January 2021 issue will be my last.**

The BARC officers will be entertaining volunteers and suggestions for those that may be interested in the positions. I attended over 90% of all regular meetings and board meetings since 1996. It's the best way to keep up with news and activities so the board would be very interested in someone that can be active in the club. If you don't have much experience yet in Amateur Radio, there are plenty of members that are willing to help. Remember, there are no stupid questions. We all have to start somewhere. When I started the web site, I had zero experience and no training editing web sites. As you can tell, still no training! I learned from a lot of mistakes.

## Field Day

Did you operate any Field Day? If you did, did you upload you log to the ARRL? When you do the upload at <https://field-day.arrl.org/fdentry.php>, under *Club or Group Name* be sure to select *Brightleaf ARC*. Just type in 'Brightleaf'

and a list will pop up. Since there are special rules for 2020 because of the pandemic, the scores of club members will be added together for the contest listings.

Did hear from a few that made some contacts. I had a good time making 170 contacts on SSB, FT4 and FT8. Only 5 contacts were made using 600 watts on SSB. Used 50 watts on the digital contacts so I just used the digital contacts for entry. Less than 150 watts gave me a multiplier of 2. Because of the special rules, Class 1D, fixed stations on commercial power could work each other for points. Normally Class 1D stations do not get points for working each other in the Field Day contest.

Worked FT8 on 160, 80, 40, 20, 15 and 10 meters. Made contacts using FT4 on 40 and 20 meters. The band conditions were very good here.

Richard Campbell, **W4JNC**, reported he made 226 contacts all on FT8. Congrats Richard!

## 13 Colonies

The 13 Colonies event is still going on as I write this. It ends on July 7 at midnight Eastern time. I completed all the contacts on Thursday, July 2, with the 13 States special event call signs, the station in Philadelphia and the one in England in less than 9 1/2 hours. During that time, I also mowed the yard, showered and took an 1 1/2 hour break for supper.

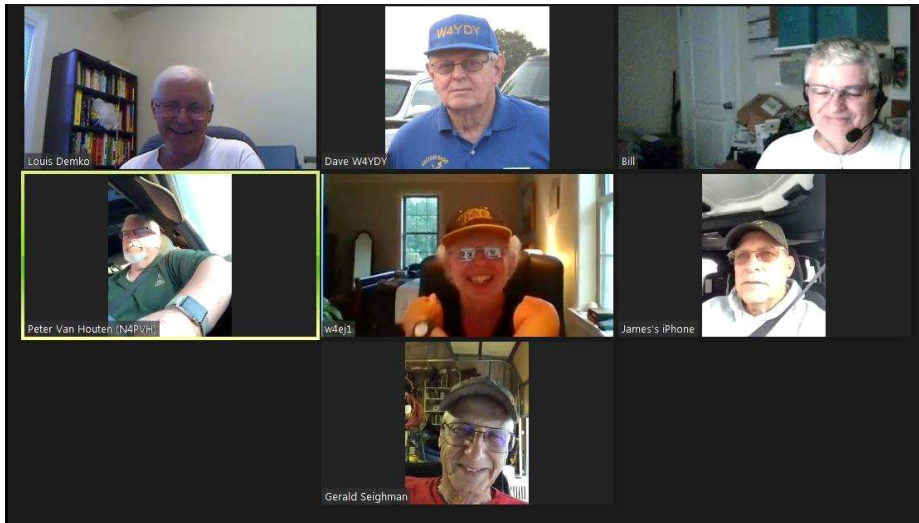
The Virginia stations were very weak in Eastern NC above 80M. Waited to get a contact on 80 CW or SSB. Got the last contact needed on CW at 8:50 PM EST. Worked another one on SSB about an hour later.

The 13 Colonies event is fun. Richard Campbell, **W4JNC**, also worked all 13 States + the 2 special event stations

I saw that the special event station, **GB13COL**, was on 17 meter FT8. I called for about 5 minutes and we made the contact. After that I went to 80 meters to complete the Virginia CW contact. This is the sixth year that I have completed the 13 Colonies event. A nice certificate is available each year.

There is a special award for the special event stations. See [http://www.13colonies.us/top\\_ops](http://www.13colonies.us/top_ops) for details. It's called the *Paul W. Copeland, K4KCS Memorial Award*. Paul (SK) was an active member of BARC. - W4YDY

## BARC on Zoom



Above is a screen capture of the June 30 BARC board meeting. Starting left to right, Lou, **W3LPR**, 2nd VP, Wilson; Dave, **W4YDY**, HC and Web Editor, Greenville; Bill, **WA4SLC**, Trustee, Washington; Peter, **N4PVH**, 1st VP on I-95 going around Washington, DC; Dave, **W4EJ**, President, Fountain; Jim, **AC4JL**, Treasurer, Fairbanks, Alaska; and Gerald, **KN4CKL**, Washington.

Peter Van Houten, **N4PVH**, was the Zoom coordinator and directed the meeting while driving up I-95 and going around Washington, DC. Jim Lowe, **AC4JL**, is in Alaska for a few weeks helping his daughter. He was using his iPhone. The camera does not work on my laptop because it came with Vista in 2009 and upgraded to Windows 7 a few years later. No camera driver for Windows 7. Thanks Toshiba! I use a picture that was taken by Taylor Millar, **W4WTM**, (SK) at the Shelby Hamfest in Gastonia when we went in 2011. - W4YDY

## Rescued Radio Amateur Says, "Ham Radio Saved My Life"

ARRL member Alden Sumner Jones IV, KC1JWR, of Bennington, Vermont, is thankful for amateur radio, after he suffered a medical incident and lost consciousness on June 15 while hiking with others along a remote section of the Long Trail, not far from his home. An EMT from Appalachian Mountain Rescue (AMR), who was hiking nearby, saw Jones pass out but was unable to connect with 911 via his cell phone. Jones, 41, regained consciousness and was successful in contacting Ron Wonderlick, AG1W, via the Northern Berkshire Amateur Radio Club's K1FFK repeater on Mount Greylock, and Wonderlick initiated what turned into an 8-hour effort to get Jones



Alden Sumner Jones IV, KD1JWR, is lifted in a litter to a helicopter after his rescue from a Vermont wilderness trail. [Andy McLean via Vermont State Police and the Bennington Banner]

off the trail and to a medical facility, acting as a relay among Jones, emergency crews, and other agencies involved. As the Bennington Post reported, "The Vermont State Police also received assistance from several licensed amateur radio operators who helped facilitate communications, greatly assisting in the rescue."

Matthew Sacco, KC1JPU, headed to a staging area where rescue crews were gathering. When he could not make it into the repeater, he employed some ham radio ingenuity to fashion a J-pole antenna from

some window line he had on hand, casting it into a tree using a fishing pole. That did the trick. An individual on site was able to obtain an accurate location for Jones using the GPS on his cell phone.

After it was determined that rescuers could not reach Jones using an all-terrain vehicle, arrangements were made to have a search-and-rescue crew from New York retrieve Jones by helicopter. Amateur radio participants were able to relay critical information, including an accurate location, as preparations continued.

Jones, meanwhile, took advantage of his time with the EMT and other rescuers to talk up amateur radio and explaining how to get licensed. According to one account, rescuers were having trouble making contact with the helicopter, so Jones loaned them a better antenna he happened to have.

Jones was eventually flown to a hospital in Albany, New York, again taking advantage of the occasion to promote amateur radio to the helicopter pilot and crew. Jones is said to be recovering.

"Ham radio saved my life last night, and I am very thankful for how everyone helped me," Jones said afterward. - *via arrl.org*

## Russian-Ukrainian Radio War Continues

The International Amateur Radio Union Region 1 Monitoring System (IARUMS) May newsletter reports the Russian-Ukrainian radio war, which had been raging for years at 7055 kHz LSB (as well as on 7050 or 7060 kHz) reached a new escalation level in May.

"Almost every day, one heard the

most massive mutual insults and aggressive, provocative hate rap music in Russian," newsletter editor and IARUMS Region 1 Coordinator Peter Jost, HB9CET, said in the May edition. "Furthermore, from time to time, we saw insulting symbols (e.g., skulls) in the waterfall."

Jost said it's believed the perpetrators are located in the border region of eastern Ukraine with the Russian Federation.

## Radio Amateur's Call for Help Relayed from across the Atlantic



When Richard Tashner, N2EO, of Massapequa, New York, suffered a medical emergency on May 18, his DMR radio was closer than his phone. His call for help was answered by Maxis Johnston, GM0MRJ, who put out a call for "anyone in the states."

Kent County Amateur Radio Club member Ken Dix, KB2KBD, in Delaware heard the call on the local 146.91 MHz repeater, which was linked to the North American talk group. Dix called authorities in Tashner's vicinity, and help was dispatched.

Dix said the dispatcher in New York was able to hear part of the call and was amazed at how an amateur radio communication had gone from New York to Scotland to Delaware and then back to New York. The dispatcher expressed surprise at how quickly the information had been relayed across the Atlantic. The Delaware repeater, at the Delaware State Communications complex, is set on C4FM Fusion and linked to DMR on "America's Net." — Thanks to the ARES E-Letter via Jerry Palmer, N3KRX - *via arrl.org*



In May, a digital jammer appeared, with interference temporarily up to about 12 – 15 kHz. "[IARUMS] has no means to stop this radio war," Jost wrote. "Only national authorities can do something with international complaints." The Deutscher Ama-

teur Radio Club (DARC) intruder watch has submitted an official report on the interference to BNetzA, the German telecommunications regulator, the newsletter reported. - *via arrl.org*

## Prominent Radio Amateur Helping to Lead US Convalescent Plasma Expanded Access Study

Well-known contester, DXer, and National Contest Journal (NCJ) Editor Scott Wright, K0MD, has been “substantially” stepping back from ham radio while offering his expertise to the US convalescent plasma COVID-19 Expanded Access Program. The study began in early April under the leadership of Dr. Michael Joyner, MD, of the Mayo Clinic; Dr. Peter Marks, MD, PhD and Dr. Nicole Verdun, MD, of the US Food and Drug Administration; Dr. Arturo Casavedall, MD, PhD, of Johns Hopkins University, and Wright, who is with the Mayo Clinic. Dr. Marks is AB3XC.

“The US Convalescent Plasma Expanded Access Program is a collaborative project between the US government and the Mayo Clinic to provide access to convalescent plasma for patients in the US who are hospitalized with COVID 19,” Wright told ARRL. The work has been referenced during White House press briefings and in congressional testimony. The US government-supported study collects and provides blood plasma recovered from COVID-19 patients, which contains antibodies that may help fight the disease. The Mayo Clinic is the lead institution for the program.

“My role was to organize the infrastructure and the research approach, and to help lead the set-up of the data collection and of the website teams, while overseeing the study conduct and regulatory compliance,” Wright explained.

According to a June 18 Washington Post article, “A large study of 20,000 hospitalized COVID-19 patients who received transfusions of blood plasma from people who recovered found



**Dr. Scott Wright, K0MD**

the treatment was safe and suggests giving it to people early in the disease may be beneficial.”

An initial safety report on 5,000 patients appeared in May in the Journal of Clinical Investigation. The safety study on 20,000 subjects referenced in the Washington Post article was published earlier this month in the Mayo Clinic Proceedings.

Wright said most scientific studies of this magnitude take months to a year with planning and execution to get under way. In this case, the study team went from zero to 60 in a few short weeks.

“We started in less than a week. Most studies recruit 2,500 – 5,000 patients,” Wright said. “We have recruited over 30,000 patients in 10 weeks, exceeding all expectations.”

Hospitals in all 50 states and several US territories are participating, Wright said, and more than 8,000 physician-scientists are working with the team as investigators at their hospitals. “We also helped manage the start-up of collec-

tion of convalescent plasma by the large blood organizations, such as the American Red Cross, by strategically connecting donor pools and people willing to donate with the blood collection centers.”

Wright’s study responsibilities, which are on top of his regular day job, have required him to work daily, including weekends, for all of April, most of May, and all of June. “It has been intense,” he said.

Wright said an FDA announcement on the benefit of convalescent plasma was expected soon. “We are working on a third publication now to submit to a major international medical journal for publication on whether the study has shown that use of convalescent plasma reduces mortality,” Wright added. The FDA has been inviting donations of convalescent plasma from individuals who have fully recovered from COVID-19.

Wright will be the keynote speaker at the QSO Today Virtual Ham Expo <[www.qsotodayhamexpo.com/](http://www.qsotodayhamexpo.com/)> August 8 – 9 to discuss the study, its results, and, he said, “linking it to skills acquired through ham radio. - *via arrl.org*

*Editors note: Contacted him on 40 meter SSB in 2009 and twice during the IARU contest in 2018 on 15 and 20 CW. - W4YDY*

## International Postal Service Disrupted

The US Postal Service (USPS) has temporarily suspended international mail acceptance for items addressed to certain destinations due to service impacts related to the COVID-19 pandemic. This situation could result in the return or loss of mail, such as QSL cards, addressed to affected parts of the world. The USPS has posted a list of affected countries, which is updated regularly. The Postal Service will, upon request, refund postage and fees on mail bearing a customs stamp that’s returned due to the suspension of service, or the sender may re-mail returned items with existing postage once service has been restored. When re-mailing under this option, customers should cross out the markings “Mail Service Suspended — Return to Sender.” - *via arrl.org* <https://about.usps.com/newsroom/service-alerts/international/welcome.htm>

## IARU Submits Paper on Increasing Noise from Digital Devices

International Amateur Radio Union (IARU) electromagnetic compatibility (EMC) specialists Tore Worren, LA9QL, and Martin Sach, G8KDF, have submitted a paper to the International Special Committee on Radio Interference (CISPR) concerning the increasing impact of multiple digital devices on noise levels in the radio spectrum.

The paper was considered at the

CISPR Steering Committee in late May, and it was adopted for circulation to the CISPR National Committee for comment as a Committee Draft, with a view toward its becoming a CISPR Report.

“IARU hopes that the result of this will be amendments to the way in which standards are developed to recognize the need to properly consider the cumulative impact of multiple devices,” said IARU Region 1 President Don Beattie, G3BJ, in an IARU news brief. — Thanks to IARU Region 1 - *via arrl.org*

# 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:** Yaesu Vx5. \$75. Richard Campbell, **W4JNC** (252) 758-1244 or [richardecu@gmail.com](mailto:richardecu@gmail.com).

**FOR SALE:** Three 10 foot sections of Rohn 25G tower for sale. Priced to sale, \$50 each. Bill Dawson, **WA4SLC**, (252) 946-4760, or email [DAWSONW@ecu.edu](mailto:DAWSONW@ecu.edu)

## WSJT-X Update Released

The digital modes suite WSJT-X version 2.2.2 has been released. The update is a bug-fix release. The primary change is to incorporate the new Radio Amateurs of Canada (RAC) Prince Edward Island (PE) Section PE into the FT8/FT4/MSK144 contest mode for ARRL Field Day. Operators planning to be on the air for Field Day should upgrade to this version to enable accurate logging.



Another change: the FT8 decoder has been sped up in "normal" and "fast" modes. This offers a decoding speed closer to that of version 2.1.2 without compromising the number of decodes. It is particularly targeted for slower, single-board computers, such as the Raspberry Pi Model 3 or similar.

Also, the DX grid field now clears automatically whenever the DX call field is changed. - *via arrl.org*

**BARC MEMBERS**

If you are not receiving *Ham Chatter* email notices from me, please send an email to [ham-chatter@w4amc.com](mailto:ham-chatter@w4amc.com) so I can get your email address. I know some have said they do not receive them but haven't sent me their address. You may miss some important BARC notices. - *WAYDY*

## BARC on FACEBOOK

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

## Facebook and Group details

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

## Pitt County Repeater Association

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

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## Six Meters Recently Running Hot

In recent days, 6 meters has been living up to its name — “the Magic Band.” On May 30 at around 1200 UTC, Rich Zwirko, K1HTV, in Virginia, worked Nicolas Sinieokoff, TT8SN, in Chad, who answered his CQ on FT8. After the quick exchange, K1HTV alerted several local 6-meter DXers who were also able to snag the rare one. TT8SN was able to work into the US mid-Atlantic and Arkansas as well as West Virginia on FT8 before switching to CW at about 1300 UTC and then alternating between the two modes over the next hour. Yves Collet, 6W1TA, in Senegal also showed up on the band, and K1HTV and other stations were also able to put him in the log as well.

“So the 6-meter E-skip season has begun,” Zwirko remarked. “Who knows what kind of magic the band will serve up?”

What’s being called “a historic opening” on 6 meters occurred on May 31, when David Schaller, W7FN, in the Pacific Northwest saw the band open at about 1430 UTC and stay open for a couple of hours. W7FN worked 12 DXCC entities on FT8 (on 50.323 MHz); other stations had similar success. Schaller said long-time 6-meter DXers from his area reported never having experienced a 6-meter opening to Europe like the one on May 30.

On May 28, Bill Steffey, NY9H, just south of Pittsburgh in western Pennsylvania, reported working three European stations on FT8 at around 2200 UTC. “Six [meters] has been great this week,” Steve Fetter, WA8UEG, in eastern Pennsylvania, observed after working stations in the Caribbean and in Europe.

From Greenland, Bo Christensen, OX3LX, has been showing up on 6 meters on FT8 between 2230 and 0000 UTC. He’s been reported working into the mid-Atlantic stations with a good signal. Mark Murray, W2OR, in Florida, took advantage of an opening to Japan on the evening of May 22. Two Florida sta-

tions each worked 20 or more Japanese stations, and one was said to have had 40 stations in Japan. W2OR said it was “an incredible number for an opening that did not last.” On the previous evening, a similar opening occurred from Wisconsin and other parts of the upper midwest.

Jim Reisert, AD1C, reported that stations in Wisconsin and Minnesota were able to work Hawaii on 6 meters starting around 2300 UTC on May 24. The stations he made contacts with included NH6Y, KH6ZM, and KH6U. The stations used FT8 during all of these openings.

John Sweeney, K9EL, in Illinois, worked three Hawaiian stations from 2240 – 2250 UTC. Confirmations came through quickly on LoTW, too. He called it “the best 6-meter opening to Hawaii from W9 that I have seen.”

Kev Hewitt, ZB2GI, in Gibraltar, made his first 6-meter contact of the season, working K1TOL, in Maine. ZB2GI said the band sounded dead, except for K1TOL’s signal. ZB2GI has begun using a 6-meter mobile whip for an antenna.

Past ARRL President Joel Harrison, W5ZN, in Arkansas, reported a “massive JA opening on 6 meters” on June 3. Between 2300 and 0116 UTC, he worked 85 JA stations on 6 meters, all on FT8 with strong signals.

The Daily DX noted on June 3: Over the past 2 days, US and Canadian operators on 6 meter FT8 have reported activity from: 4U1UN, 4X4DK, 7Z1IS, 9A5X, 9K2NO, A92HK, CO8ZZ, CT1FPQ, DK2EA, EA7AH, EA8TL, ES6RQ, F6GCP, FG8OJ, G8BCG, GU8FBO, HA5JI, HI3T, IS0AWZ, IT9TYR, J68HZ, KP4AJ, LA2XPA, LY2IJ, NP2J, OD5ET, OD5KU, OH4BCS, OK2ZI, OM5XX, ON7GB, OX3HI, OZ8ABE, PA5Y, S58T, SP4MPB, SV1DH, SV9CVY, TF3ML, US0KW, VP9GE, XE2JS, YS1AG, Z32KF, and ZF1EJ. — Compiled from reports in The Daily DX. - via [arrl.org](http://arrl.org)



## 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

Jul 11/12 . . . . .	IARU HF World Championship	Oct 31. . . . .	Ham Chatter <b>Deadline</b>
Jul 14. . . . .	<b>Regular Meeting - 7PM</b>	Nov 7/8 . . . . .	ARRL CW Sweepstakes
Jul 28. . . . .	<b>Board Meeting - 7PM</b>	Nov 10 . . . . .	<b>Regular Meeting - 7PM</b>
Aug 1. . . . .	Ham Chatter <b>Deadline</b>	Nov 21/22. . . . .	ARRL SSB Sweepstakes
Aug 11. . . . .	<b>Regular Meeting - 7PM</b>	Nov 24 . . . . .	<b>Board Meeting - 7PM</b>
Aug 18. . . . .	BARC <b>VE Session - 6:30 PM</b>	Nov 28/29. . . . .	CQ WW CW DX Contest
Aug 25. . . . .	<b>Board Meeting - 7PM</b>	Dec 5/6. . . . .	ARRL 160 Meter Contest
Aug 29. . . . .	Ham Chatter <b>Deadline</b>	Dec 8 . . . . .	BARC Christmas Party
Sep 8. . . . .	<b>Regular Meeting - 7PM</b>	Dec 12/13. . . . .	ARRL 10 Meter Contest
Sep 26/27 . . . . .	CQ WW RTTY DX Contest	Dec 15 . . . . .	BARC <b>VE Session - 6:30 PM</b>
Sep 29. . . . .	<b>Board Meeting - 7PM</b>	Dec 29 . . . . .	<b>Board Meeting - 7PM</b>
Oct 3 . . . . .	Ham Chatter <b>Deadline</b>	Jan 1. . . . .	ARRL Straight Key Night
Oct 13 . . . . .	<b>Regular Meeting - 7PM</b>		
Oct 20 . . . . .	BARC <b>VE Session - 6:30 PM</b>		
Oct 24/25. . . . .	CQ WW SSB DX Contest		
Oct 27. . . . .	<b>Board Meeting - 7PM</b>		

**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  
 Down East Hospital Net - 2nd Tuesday at noon - Greenville 444.725 MHz, 91.5 tone N4HAJ  
 BRIGHTLEAF AMATEUR RADIO CLUB STATIONS

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



Next Meeting on ZOOM  
July 14, 2020 - 7 PM

**July 2020**

To:



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