

ham chatter



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FCC Invites Comments on ARRL Petition to Allocate New 5 MHz Band

The FCC has invited comments on the ARRL's January 12 Petition for Rule Making to allocate a new, contiguous secondary band at 5 MHz to the Amateur Service. The League also asked the Commission to keep four of the current five 60-meter channels — one would be within the new band — as well as the current operating rules, including the 100 W PEP effective radiated power (ERP) limit. The federal government is the primary user of the 5 MHz spectrum. The FCC has designated the League's Petition as RM-11785 and put it on public notice. Comments are due Monday, March 20. ARRL plans to file comments in support of its petition.

The proposed ARRL action would implement a portion of the Final Acts of World Radiocommunication Conference 2015 (WRC-15) that provided for a secondary international allocation of 5,351.5 to 5,366.5 kHz to the Amateur Service; that band includes 5,358.5 KHz, one of the existing 5 MHz channels in the US. The FCC has not yet acted to implement other portions of the WRC-15 Final Acts.

“Such implementation will allow radio amateurs engaged in emergency and disaster relief communications, and especially those between the

United States and the Caribbean basin, to more reliably, more flexibly and more capably conduct those communications [and preparedness exercises], before the next hurricane season in the summer of 2017,” ARRL said in its petition.

The League said that 14 years of Amateur Radio experience using the five discrete 5-MHz channels have shown that hams can get along well with primary users at 5 MHz, while complying with the regulations established for their use. “Neither ARRL, nor, apparently, NTIA is aware of a single reported instance of interference to a federal user by a radio amateur operating at 5 MHz to date,” ARRL said in its petition. NTIA — the National Telecommunications and Information Administration, which regulates federal spectrum — initially proposed the five channels for Amateur Radio use.

Read more (<http://bit.ly/2lK8cqj>)

Next Meeting March 14, 2017

The Brightleaf Amateur Radio Club will have its regular meeting at 7:30 PM Tuesday, March 14, at VFW Post 7032 on 1108 Mumford Road in Greenville. The program will be by Robert Young, NC4RY, founder, designer and technical support for the screwdriver Tarheel Antennas.

All members, families and guests are invited to attend.



Robert Young, NC4RY

BARC Board Meeting

The next board meeting will be Tuesday, March 28 at 7:30 PM at the Offices of Monday & Monday, (CPA), Suite D, East Victoria Court. All members invited.

Campus Ham Radio Clubs Encouraged to Boost Vitality through Innovation

ARRL Public Relations Committee Chairman Scott Westerman, W9WSW, believes collegiate Amateur Radio clubs need to blow away the dust and cobwebs and modernize, in order to attract new members. He urges college and university ham radio clubs to seek common technological ground with younger generations, in order to attract new Amateur Radio licensees.

“We really need to be thinking in terms of...state-of-the-art technology, because that’s what ‘the kids’ are looking for nowadays,” Westerman told ARRL Marketing Manager Bob Inderbitzen, NQ1R, during a brief interview at the 2017 Orlando HamCation February 10-12, which hosted this year’s ARRL Southeastern Division Convention. “The big challenge is how to get them away from their cellphones.”

Westerman, a Michigan State University (MSU) alumnus



*Happy
Birthday*

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

09 NW4S Jeff Wainwright
12 KI6BPT Rita Pulera
17 KG4CZV David Pulver

Additions or corrections to KB4JOE

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and executive director of the MSU Alumni Association, recalled his own student days, when MSU Amateur Radio Club (MSUARC) station W8SH had a Collins S-Line for a station. Founded in 1919, the MSU-ARC is one of the oldest collegiate ham clubs in the US.

Collegiate clubs need to tap into students’ interest in “parallel” technological realms, such as the Maker Movement or those already experimenting with electronics, Westerman said. “At one time or another, we were all in that parallel universe, and there was something that brought us to ham radio,” he offered.

- Read More (<http://bit.ly/2lKSedR>)

Next VE Session

Exams will be held on Tuesday, April 18, 2017 at VFW Post 7032 on 1108 Mumford Road in Greenville, NC. Exams will start promptly at 6:30 PM. For more info email Gary, KE5ACR at 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. *

* More info at <<http://bit.ly/1FOhE1S>>.

NC ARES Internet

<http://www.ncarrl.org/ares/>

**Pitt County ARES
EC needed!**



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HAMFESTS

A couple of good hamfests are coming up in April. The RARS-fest in Raleigh is on Saturday, April 15 and there will be a lot of dealers and a big indoor flea market as usual in the Jim Graham building in the North Carolina State Fairgrounds. It's the largest hamfest in middle and eastern North Carolina with several thousand attending. For complete information, check out the RARS web site at <http://www.rars.org/rarsfest/>.

The following Saturday, April 22, the Down East hamfest will be held in Kinston in the Lenoir Community College Gymnasium. There will be vendors and a flea market inside and a tailgate area outside. Go to <http://www.w4amc.com/2017dehf-flyer.pdf> to see the flyer for more information.

Both hamfests will have license exam sessions and prizes.

My favorite part of any hamfest is seeing old friends, meeting new ones and putting a face with their voice, etc. For the newly licensed hams, it's a great chance to learn about many areas of Amateur Radio. You can see a lot of equipment for sale from the latest from the vendors and equipment from many years old to present day in the

flea market. The flea market is a gold mine for wire and about any electronic part you may be looking for. Make a list of what you may need. I usually get home and a few days or weeks later, seems like I need some parts that I saw at the flea market.

BARC ROSTER & DUES

A new roster will be put on the BARC web site, [w4amc.com](http://www.w4amc.com) in early April. It will have only members listed that are up to date with their 2017 dues. It will also have a new password.

AI4TN ESTATE SALE

Check out the list of equipment for sale from the estate of Bill Finch, Jr., AI4TN. You can contact me at [w4ydydave @ suddenlink.net](mailto:w4ydydave@suddenlink.net). (No spaces). The prices are negotiable. All equipment is in excellent condition and most have the original boxes, manuals and cables. There are some outstanding radios for the newer hams that want to set up a station. Also there is some digital equipment for those that want to operate digital modes. See the list elsewhere in this newsletter. The list will be shorter in Ham Chatter than the list I sent to club members because some has been sold.

Dave, W4YDY

Membership dues for BARC are due January 1. Those who have not paid their dues will not be listed on the roster and will be removed from the Ham Chatter mailing list starting in April. Membership dues are the same as they were in 2015 and are as follows:

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

**Please mail your dues, along with the member application form if there are any changes to:
Brightleaf Amateur Radio Club, P.O. Box 8387, Greenville, NC 27835.**

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 from <http://www.w4amc.com/application.pdf>. If anyone has any questions concerning their membership status or their dues, please email Terry Monday, K4ZYD, BARC Treasurer, at [ta-monday @ embarqmail.com](mailto:ta-monday@embarqmail.com)

Thank you for your support and participation in BARC.

ARES Volunteers Support Evacuation, Shelters, in Wake of Oroville Dam Crisis

Sacramento Valley ARES Section Emergency Coordinator Greg Kruckewitt, KG6SJT, reports that Amateur Radio Emergency Service (ARES®) volunteers are now actively involved in supporting communication for the evacuation and sheltering of nearly 200,000 people living below the damaged Oroville Dam in rural California. The dam, on the Feather River east of Oroville, is the tallest in the US. Following a period of heavy rain, a section of the earthfill-embankment dam's spillway eroded, and authorities issued an evacuation order for residents living below the dam, in case it should fail. Crews have been attempting to fill the eroded area with rock transported by helicopter.

Butte County ARES EC Dale Anderson, KK6EVX, was called out by the emergency operations center (EOC) on the evening of February 12. Six members of the Butte County ARES team now were deployed a Red Cross evacuation shelter at the Chico fairgrounds. Anderson said shelter managers were dis-

cussing the need to establish a radio link with the National Guard. Two VHF radios, one HF radio, and several handhelds were available at the shelter.

On February 12, Yuba/Sutter ARES EC Steve Sweetman, K6TAZ, opened and managed a net to provide information and gather reports of road closures or problems during the evacuation. The net received reports from radio amateurs who were evacuating. Traffic was reported to be very heavy, with a trip that would normally take 20 minutes extending into "3-hour stop-and-go ordeal," Sweetman said. The net also gathered information on where evacuees could get fuel for their vehicles. "This became a critical need, as the thousands of people evacuated their houses with 1-hour notice," Kruckewitt said, adding that the net has continued in operation. Sweetman is operating from his house on a high hill outside Yuba City," Kruckewitt said. "He is safe from flooding and currently has 17 evacuees staying on his property."

The Sacramento County EC Vince Cracchiolo, KI6NHP, was called into the Sacramento County Emergency Operations Center (EOC) on February 13 as the Red Cross opened a shelter at Cal Expo in Sacramento. Kruckewitt said the Sacramento Valley Section has received offers from hams outside of California offering to help if needed. FEMA reports that 20 shelters are open with 3,680 occupants.

"At this time, we are doing fine," Kruckewitt told ARRL, although power outages have been reported in Yuba and Sutter counties. "They are identifying the problem," he said, "so power outages at the Chico shelter are possible."

"All ARES groups in the Section are on standby, if help is needed. So far, the dam is holding, and repair work is under way at last report."

- Read more (<http://bit.ly/2lKMFMk>)

February 2017 BARC VE Session Results

On the February 21, 2017 BARC VE session, two candidates attended and one passed Amateur Radio exams.

Daniel Gurnee, Greenville, passed the Technician exam. He was granted his new call sign, **KN4BKQ**, by the FCC on March 1, 2017. BARC congratulates Daniel for his accomplishment and welcomes him to Amateur Radio.

The VE's that attended were VE Liaison Gary Coriell, KE5ACR, Dave Langley, W4YDY, and Al Mullis, K4GOE.

Gary is now the BARC VE Liaison starting in 2017. It was Al's first VE session since he recently received his credentials to serve as a Volunteer Examiner. **Thanks Al for your service to Amateur Radio.**

The next
BARC VE
session is
scheduled for
April 18, 2017

Ham Ads

Monday & Monday, CPA's, PA

Certified Public Accountants

TERRY A. MONDAY, CPA, CVA, EA
K4ZYD

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Greenville, NC 27858

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Mark Langley
Mike Langley
KD4MTT

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Greenville, NC
252 758-3309
Fax 252 758-1396

For Sale: Yaesu VR-5000 All Mode Communications Receiver. \$300. Covers 0.1 to 3000 MHz. Yaesu price was \$995. Contact Vern at Batteries Plus Bulbs for more info. 252-353-8143 or bp167@batteriesplus.net.

Mosley TA-33 Jr. tri-band antenna. Good condition – elements are straight. \$150. Antenna elements have been disassembled from the beam, but all parts are there. With manual. Dave, KV4CN



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The following equipment is from the estate of Bill Finch, Jr., AI4TN. The prices are negotiable. All equipment is in excellent condition and most have the original boxes, manuals and cables. There are some outstanding radios for the newer hams that want to set up a station. Also there is some digital equipment for those that want to operate digital modes. All proceeds go to Bill's wife.

- | | |
|---|---|
| Bird Wattmeter Model 43 Includes 3 elements | \$300 (100W 2-30MHz & 50W 100-250MHz & 25W 400-1GHz) |
| Icom IC-718 HF* | \$550 |
| LDG Z-11PRO Antenna Tuner | \$110 |
| MFJ-4125 25 Amp PS May be part of 718* | \$45 |
| MFJ-4225MV PS with meters | \$60 |
| Radio Shack PRO-2034 Scanner | \$40 |
| Rigblaster Plus - Cabling for Icoms | \$110 |
| Yaesu FT857D HF/VHF/UHF** | \$600 |
| Icom IC-V8000 VHF FM Xcvr | \$100 |
| MFJ-269 SWR Analyzer HF/VHF/UHF | \$150 |
| MFJ-4125 25 Amp PS May be part of 857** | \$45 |
| Micronta Multitester VOM | \$15 |
| Rigblaster Nomic | \$30 |
| Yaesu VX-7R HT 6M, 2M, 440 - 220? | \$150 |
| Yaesu VX-7R HT 6M, 2M, 440 - 220? | \$150 |

BARC Regular Meeting Minutes—February 14, 2017

The meeting was called to order at 19:31pm by President Meyer at the VFW hall on Mumford Road. The Pledge of Allegiance was recited followed by introductions. Those in attendance are listed in the notebook.

After introductions and the 50/50 drawing President Meyer turned the meeting over to Dave Wood, W4EJ for his program item, "RFI INTERFERENCE ISSUES". This program was filled with good and useful information on various types of noise generating objects and how to resolve many of these issues that we Hams face. Much of this presentation was displayed on a spectrum analyzer and via audio. If you have questions or need help with RFI situations contact Dave Wood, W4EJ.

After Dave's program concluded President Meyer introduced N4PIR Gary, KJ4RGP Cheryl and K4GOE Al from the Pamlico ARC. Gary and Cheryl talked about the up-coming Epilepsy 13-mile half-marathon 5K fun-run on Saturday February 25th in Washington, NC between

Race for Epilepsy

February 25, 2017 brought the 1st Annual Epilepsy Run to eastern North Carolina. The race was conducted in Washington, North Carolina.

The race coordinator James Patterson KJ4CIW contacted Pamlico Amateur Radio Club President Gary Faust N4PIR asking for communications support.

After assessing the course Gary thought it best to request additional support from BARC as the longest run was a half marathon at 13.1 miles. BARC members: Bill Dawson* WA4SLC, Al Mullis* K4GOE, Albert Sanchez WA7FXB, Bob Hanrahan AF4QY, Jeff Meyer K4DKW, &

Peter Van Houten KG4WEZ in the newly outfitted BARC trail-

er answered the call. In addition to race support Peter KG4WEZ gave a tour of the club's new communication trailer after the race.

Collaborative support on the part of PARC and BARC helped make the race a success, and members hope to work together in the future when club resources are stretched thin.

* Members of both BARC and PARC.

Pictures by Peter Van Houten, KG4WEZ.

er answered the call. In addition to race support Peter KG4WEZ gave a tour of the club's new communication trailer after the race.

* Members of both BARC and PARC.

Pictures by Peter Van Houten, KG4WEZ.

He concluded his report with the information that a friend of his had donated some equipment to the club, more on the equipment soon.

OAKWOOD SCHOOL: On Saturday, Feb. 18th, some BARC members will try to replace the beam. On Friday, Feb. 10th, Hal Austin from NWS came to Oakwood and did a Skywarn presentation. Some discussion followed.

UP-COMING: Pitt County MS Walk--Apr. 22nd.

The March program will be Tarheel Antennas.

Dave Langley, W4YDY reported that he would be inventorying Bill Finch, AI4TN(SK)'s equipment soon.

There was no Treasurer's report. There was no Secretary's report. The next BARC Board meeting will be Feb. 28th at 19:30pm at the offices of Monday & Monday, 105D east Victoria Court in Greenville. The meeting was adjourned at 21:22pm.

Respectfully submitted
Albert Sanchez, WA7FXB
BARC Secretary



President's Corner

I am very pleased to announce that we had a significant turnout of BARC members for both the Run for Epilepsy in Washington last Saturday and the NC QSOP on Sunday. The QSOP concluded with over 750 contracts combined (CW, SSB & Digital) and with a double digit turnout for that. At the March club meeting, we will need to discuss QSL cards for the NCQSOP, and the need to submit logs for SSB & Digital. The NW rhombic worked well and plans remain to see what other options we have there.

Oakwood remains to be a challenge with the old beam now has been removed with the replacement beam is the last step for full operation.

I have approached ECU to see what we can do to solidify our consistent access to the VOA site for years to come which includes sponsoring/creating the ECU ARC. By partnering with one of the Colleges and an appropriate faculty member (College of Engineering, Disability Services, etc.) and tying our activity to students, funding and additional facility access may become possible.

We are also continuing to evaluate options for reactivating local 2M repeaters.

We will have another opportunities for public service coming up soon, Touch A Truck on April 1st and the MS Walk April 22 in Greenville. Don't be a stranger as this is an opportunity to show who we are and make our presence known.

We also need to discuss replacing the old version of N3FJP FD software or loving towards another (N1MM) at March's meeting.

See ya there,

Jeff



**NETS
VHF/UHF**

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

Greenville repeaters

147.09/69 - 145.35/144.75

444.8/449.8

All use 131.8 tone

BARC CALENDAR OF EVENTS

Mar 4/5..... ARRLSSB DX Contest	May 30 Board Meeting
March 11 Mobile setup, SKYWARN Net and NCS training	June 13 Club Meeting
Mar 14..... Regular Meeting	June 20 BARC VE
Mar 25/26..... CQ WW SSB WPX Contest	June 27 Board Meeting
Mar 28..... Board Meeting	July 11 Club Meeting
April 1..... Touch a Truck Greenville Mall	July 15 HAMFEST Cary
April 8..... VEC Training	July 22 SOS Show Off Shack #4
April 11 Club Meeting	July 25 Board Meeting
April 15 HAMFEST RARS fest	August 8 Club Meeting
April 18 BARC VE	August 12 SOS Show Off Shack #5
April 25 Board Meeting	
May 9 Club Meeting	Regular Meeting - 2nd Tuesday @ 7:30 PM
May 20 SOS Show Off Shack #3	Board Meeting - Last Tuesday

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



MAR 2017
Next Meeting
Mar 14, 2017

To:



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