

# Ham Chatter



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## ARES/RACES Teams Expected to Join MARS in Coronal Mass Ejection Disaster Exercise

Preparations are nearly in place for the previously announced Military Auxiliary Radio System (MARS) coronal mass ejection (CME) disaster communication exercise, which will take place Saturday through Tuesday, November 7-10. Amateur Radio Emergency Service (ARES) and Radio Amateur Civil Emergency Service (RACES) groups are expected to participate in the quarterly contingency HF exercise in support of the US Department of Defense.

“We are looking forward to this exercise and the opportunity to partner and train with the larger Amateur Radio community,” Army MARS Program Manager Paul English, WD8DBY, told ARRL. The exercise scenario will simulate a CME event and focus on actions that radio operators should take prior to and following such an event, which could impact HF propagation. English said leaders from Army and Air Force MARS will hold a final exercise coordination telconference on Wednesday, October 28 “to answer any final questions about the exercise and make sure everyone is ready to train.”

English said he’s responded to some 90 inquiries from ARES and RACES groups as well as from individuals who

would like to involve their ARES teams, and he expects about 50 ARES/RACES-affiliated organizations to participate. He said a few additional active duty military units also want to take part in the exercise.

English said the November would simulate a radio blackout as well as infrastructure damage. “During the exercise, we will simulate the blackout with a 3 hour pause, and then we will bring stations back on air and begin handling requests for information,” he told ARRL.

Training objectives for this exercise will include understanding what a CME is and how much forecast lead time can be expected; the effects associated with a CME, and what precautions radio operators take to protect their equipment, prior to a severe CME. Following the simulated CME, operators will assess its effects and report that information. This will involve “interoperation with Amateur Radio operators and groups to assist in assessment,” English said.

ARES and RACES teams, as well as individual radio amateurs, wishing to participate in this exercise may contact MARS and provide contact information.

-via ARRL (<http://bit.ly/1Pcf5bE>)

## Next Meeting –Nov 10, 2015

The Brightleaf Amateur Radio Club will have its regular meeting at **7:30 PM on Tuesday, November 10**, at VFW Post Home 7032 on 1108 Mumford Road in Greenville. **Elections for the 2016 BARC Officers** will be held and members will have secret ballots to select peer awards for BARC Ham of the Year, New Ham of the Year, YL of the Year, OM of the Year and Elmer of the Year. The winners will be announced at the December Christmas Party. The program scheduled is LoTW. **All members and guests are invited to attend.**



## BARC Board Meeting

The next board meeting will be Tuesday, November 24 at 7:30 PM at the Offices of Monday & Monday, (CPA), suite D, East Victoria Court. All members invited.

## FCC Seeking User Comments on New Beta Website

As part of an ongoing research and design project “to dramatically improve the usability and functionality” of its website, the FCC has debuted a new prototype website and wants to know users think about it. The FCC’s 2011 website re-design was not well received, and the Commission has continued to maintain its previous, much-older website design in tandem with the newer one.

“You spoke, we listened,” FCC Chief Information Officer David Bray said in an October 9 blog post. “[W]e built a new beta (ie test) version of FCC.gov based on your input, and we need your feedback again. Building upon the foundation of extensive user research done earlier this year — and coupled with additional input we will receive during this beta period — the new FCC.gov will be more useful and accessible to FCC stakeholders.”

Bray stressed that “old content and features” remain available on the current FCC website “while we perfect the new site. Bray explained that the new beta website is Drupal-based and responsive, and the display will optimize based upon the device being used to view the site.

“The beta website is also connected to our document databases, EDOCS and ECFS, via application programming interfaces (APIs). The APIs allow real-time EDOCS

and ECFS updates to display in Headlines and Most Active Proceedings,” Bray said. “FCC applications will also be updated and increasingly cloud-based, similar to our new Consumer Help Desk.”

Bray said all content on the current FCC website has been migrated to the new Drupal-based site. The FCC IT staff is now integrating that content into what Bray called “new information architecture,” which, he said, would offer additional and improved ways of accessing and interacting with the website’s content. A new taxonomy has been developed to classify web content. “This will allow us to use Drupal features that make search easier, allow for better content discoverability across the site, and automate lists of content on a variety of topics,” Bray explained.

He said that based on additional feedback the FCC receives during the beta website’s “extended” testing period, “we intend to complete the switch to the new site fully later this fall.” Users can submit their comments and suggested bug fixes by using a web form or e-mail.

-via ARRL (<http://bit.ly/1PcftH3>)

## Next VE Session

The next Brightleaf Amateur Radio Club VE session will be held **Tuesday, December 15, 2015** at the VFW Post Home 7032 on 1108 Mumford Road and will start promptly at 6:30 PM. Email Steve Horne II, KB5B, VE Liaison at [07jkrubi@gmail.com](mailto:07jkrubi@gmail.com). 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://www.w4amc.com/barcinfo.html#VE>](http://www.w4amc.com/barcinfo.html#VE).

## NC ARES Internet

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

**Pitt County ARES**

EC needed!



## In This Issue

<i>Coronal Mass Ejection Disaster Exercise</i>	1
<i>FCC Seeking User Comments on New Beta Website</i>	2
<i>Field Day Results Now Available</i>	3
<i>Yakkey-Dee-Yak from Dave</i>	3
<i>Putting Contesting to Work for Your Public Service Team</i>	4
<i>VE Session Results</i>	4
<i>Regular Meeting Minutes—Oct 6 2015</i>	
<i>Emergency Net Active as Hurricane Patricia Nears Mexico</i>	7



# Happy Birthday

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

**03 AF4QY** Bob Hanrahan  
**05 N4RXX** Rita Sumrell  
**08 KD4NHZ** Walter Allen

## Well Wishes

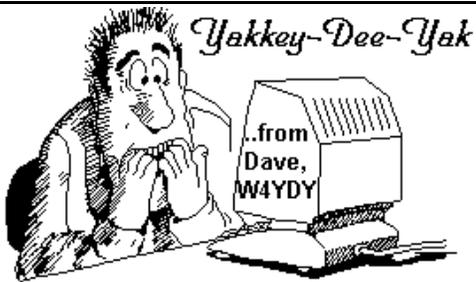
Thoughts and Prayers go out to the following:

**Charlie Wells, K4SKI**  
**Tom Parsons, W4TEP**  
 Family of **Gary Gilliland, N5SEW**

Please inform Gerry Clayton, K4IDD, [gclayton4@suddenlink.net](mailto:gclayton4@suddenlink.net) of any changes.



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With the number of club members in BARC, I'm sure there is someone in the club that is familiar with editing an Internet web site. We are looking for someone to take over the Brightleaf ARC site.

It was started in July 1996 when I opened my mouth and suggested it was time for the club to have a web site on the Internet. The club voted for me to set up a site. I knew very little about it so I did make a simple site with no bells and whistles. It is still a simple site because I did not take time to study the more complicated programming. I did manage to get the message across most of the time with a few added pictures and videos. After over 19 years at it, it's time for a younger member to take over.

It's been fun to do the site but I know there are people out there that know a lot more programming than me. It really does not take much time. It probably averages less than 2 or 3 hours a week. That's just a guess. Some weeks might take more but most take less or sometimes none at all. Adding Ham Chatter to the site each month only takes a few minutes. The weeks that take more is when a lot of video or pictures are added. But an experienced programmer will probably do it much faster than old slowpoke here! Anyone interested can contact me or Terry Monday, **K4ZYD**.

Steve Horne, **KB5B**, VE Liaison, really had a successful VE session in October. Five showed up the take exams to get an Amateur Radio license. Three successfully passed the Technician exam and now have their license, **KM4OKC**, **KM4OKD** and

## ARRL Field Day 2015 Results Now Available

Results of ARRL Field Day 2015 now are available. These include the searchable scores database, the soapbox link, and the QST results article (PDF). A total of 2720 stations submitted entries for the June 27-28 event.

While propagation was on the sorry side for Field Day 2015, the number of contacts for this year's event rose slightly over 2014 — a modest 1.1 percent — and the number of CW contacts account for all of that increase; phone and digital contact numbers dipped slightly in 2015. Nearly 1.3 million contacts were logged during FD 2015.

The number of logs received appears to be an all-time ARRL Field Day record. This year saw

**KM4ODE**. Two passed all 3 exams and now are Amateur Extra Class license holders, **KW4NS** and **KW4NT**. More details at <http://www.w4amc.com/barcnews.html#VE> and elsewhere in this newsletter. Congratulations to all.

There are a lot of good contests in November, including the SSB and CW ARRL Sweepstakes and the CQ Worldwide CW contest. If you haven't got the WAS (Worked All States) certificate yet, it's good chance to work all states and get the award. Hopefully the propagation will be good for the contests.

The Benson hamfest (JARStest) will be November 15. It is a very good hamfest with a few hundred in attendance. There is a very good flea market inside and out. For the newer

35,369 participants, down slightly from 2014.

A total of 1247 entries claimed the broad classification of "A" (which includes generator, commercial, and alternate/battery powered entries). Joining that core group operating in temporary setups were an additional 315 Class B entries (one or two-person entries). This indicates that 58 percent of all Field Day 2015 participants in some way took to the field.

-via ARRL (<http://bit.ly/1Pcefvm>)



hams, you should make an effort to attend and you will be very happy for the experience. It's a chance to see a lot of equipment and if you are looking for your first radio, there are some very good bargains. You might even win the door prize, a new radio! Hope to see you there.

Besides the election of 2016 of BARC officers at the next meeting, members will select by secret ballot peer awards for BARC Ham of the Year, New Ham of the Year, YL of the Year, OM of the Year and Elmer of the Year. For the Ham of the Year, the winners for the last 3 years are NOT eligible. They are Terry Monday, **K4ZYD**, Gerry Clayton, **K4IDD**, and Richard Campbell, **W4JNC**. The awards will be presented at the December Christmas party meeting. — **W4YDY**

## Putting Contesting to Work for Your Public Service Team

ARRL November Sweepstakes is just ahead, and the ARRL 10 Meter Contest isn't far behind. All are ideal opportunities to gain or hone Amateur Radio operating skills that can be put to use during an emergency response or a public service event. In short, contesting isn't just for contesters anymore, and you don't have to wait for Field Day to get — or stay — up to speed.

“Operating skill is not something that can be tested on a license exam or learned from a book,” said ARRL Contributing Editor Ward Silver, N0AX, an active contester as well as a member of his local ARES team. “Emergency managers know that practice — lots of it — is required for operators to be sharp when they are really needed.” Silver pointed to an article on the topic by ARRL Southwestern Division Vice Director Marty Woll, N6VI, that appeared recently on the Southern California Contest Club (SCCC) website.

“[C]ontesting helps prepare us for demanding communication tasks, such as might be encountered during a major disaster,” Woll said in his article. “You don't have to be in it to win it; just take part, and have fun while you're learning to enhance your and your station's performance.”

Silver says that repetitive emergency drills are fine but can get old. Contesting offers an enjoyable way to give your equipment a

good shakedown and build on-the-air knowhow. “Just as sports keep you physically fit, ‘radiosport’ — or contesting — can serve as a training ground while having fun at the same time,” he said. Silver points out that a huge, multi-tower station isn't necessary to participate. Even a low dipole will let you work lots of stations — and in SS, all of the stations are in the US.



for an afternoon or evening,” Silver suggests. “This is a great way to learn about squelch management, copying weak signals, using phonetics, and the effectiveness of good locations and antennas.”

ARES and RACES groups can participate as teams, and a contest can be a terrific opportunity to dust off that communications van or even to get some practical experience in an emergency communications center (EOC).

“If you have enough interest, divide your group into two or three-person teams that operate in shifts with an experienced operator to mentor,” Silver said. “Better yet, put the teams at different stations and let them go head-to-head in a short challenge. No one says you have to operate the entire contest, either. Pick times that work — maybe about as long as your regular drills — and get together afterward for a little socializing over pizza.”

Sweepstakes (SS) was conceived as a traffic-handling event that uses traffic-handling terms. Participants share their “precedence” (operating category) and “check” (the last two digits of the operator's birth year) as part of the exchange.

Local events are another option. “You can start simple with any of a number of regional FM simplex contests that encourage the use of mobile and handheld FM radios

Silver said a contesting Elmer can help those new to contesting with scripts that guide the newbies through a QSO as well as some instruction on how to take best advantage of your equipment. Start each team of operators with a period of listening. “Once your team gets up to speed,” Silver said, “emphasize the reasons why we have contests in the first place: To reinforce accurate, effective operating practices. Place a special emphasis on copying call signs and exchanges 100 percent correctly.”

“The hours will fly by, and when it's over, you'll have some operators eager to do it again,” Silver said. “Regardless of how many contacts you make, when interspersed with regular drills and exercises, contesting offers a great change of pace while advancing everyone's abilities at little or no cost.” — Thanks to ARRL Contributing Editor Ward Silver, N0AX

-via ARRL (<http://bit.ly/1PcdtyL>)

### October 2015 BARC VE Session Results

Five candidates came to the October 20, 2015 BARC VE session and all was successful. Two passed all three exams to earn the Amateur Extra Class license and three passed the Technician exams. Robert Neil, **KW4NS**, Winterville, and Christopher Bates, **KW4NT**, Wilson, passed Elements 2, 3 and 4 to earn the Amateur Extra Class license. Elaine Shive, **KM4OKE**, Greenville, Clifton Tyndall, **KM4OKD**, Kinston, and BARC member David Mull, **KM4OKC**, Grifton, passed the Technician exam. *The new call signs were granted on October 27, by the FCC.* Congratulations to all.

The VE's that attended were VE Liaison Steve Horne II, **KB5B**, Morris Lewis, **AK4MU**, Dan Wallace, **K4HMY**, Gary Coriell, **KE5ACR**, and Dave Langley, **W4YDY**.

Welcome to Gary, **KE5ACR**, who just joined the club and is already participating in BARC activities. He recently moved to Robersonville from Louisiana where he was very active in his club. .

The next regular BARC VE session is scheduled for [December 15, 2015](#).

# 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, ATTN: Joe Jeansonne** or email to: **barc @ w4amc.com** (no spaces)

I will be selling some equipment of K4LEN SK , Len Downing, prices pretty much firm. Equipment pristine condition.

Alpha 8100 spare set of finals mint about 5 hours box manual 5000.000

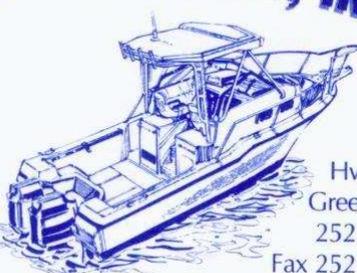
Palstar 5k dummy load

Kenwood tm 741a 2 / 220/ 440 mint with triplexers 600.00 each or both 1000.00

Some other equipment is being burned in and check along with organizing boxes/ manuals / accessories boxes. Will not ship large equipment at this time.

**call Neal 252-946-3840 between 11 am and 5 pm and/or leave message**

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Mark Langley  
Mike Langley  
**KD4MTT**

## 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**

**ATTN: Dave Langley, W4YDY** or email **barc@w4amc.com**

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## BARC Regular Meeting Minutes - October 2015

Date: 10-13-2015.

**CALL TO ORDER:** Our President, Terry Monday, K4ZYD, called the meeting to order at 7:30 pm.

We had the Pledge of Allegiance and introductions from each member giving their name, call sign, and town.

**SECRETARY REPORT:** n/a

**TREASURER REPORT:** n/a

**EQUIPMENT REPORT:** n/a

**HAM CHATTER:** A printed copy of the September Ham Chatter was available to all members on the front table at the meet-

ing.

**NEW BUSINESS:** Terry, K4ZYD, discussed the new Amateur Radio Technician class to begin at 9:00 AM, on Saturday, October 24th at Shepherd Memorial Library. He also mentioned that anyone interested in Ham Radio should attend this class.

**PROGRAM:** The Speaker was Robert Young NC4RY, founder, designer, and technical support for the screwdriver Tarheel Antennas. He told how radio signals travel, and how signals bounce through the

ionosphere. He told about how he started the business. He discussed the different types of Tarheel antennas, top hats, and controllers. Everyone had a chance to ask all their questions.

**ADJOURNMENT:** With no further business the meeting adjourned at about 9:15 PM.

**Minutes Respectfully submitted by:**  
Taylor Millar, W4WTM, Secretary

## Estate Sale of N4KDR (SK)

- K6VHF foot switch, model #FS101 - **\$15**
- K6VHF Hs-101c headset adapter cable for Icom - **\$15**
- Jennings Variable Inductor with motor - **\$100**
- MFJ Practice Code Oscillator w/key - **\$25**
- 5 - Alpha Delta Surge Protectors, model #TTEGO, new/not used has type N connectors - **\$15 each.**
- 2 - Six meter Halo antennas, one round, one square—**Please call**
- Homebrew antenna tuner, 10 – 80 meter, no SWR meter, very good condition - **\$50**

- NooElec NESDR Mini HF bundle, which includes Ham It Up v1.3 RF Upconverter for Software Defined Radio, and NooElec R820T SDR & DVB-T Flash drive, cables, and antenna - **\$60**

The "Packaged Sale" was purchased new in June of 2013, and has had very little use. **\$900**

For further information and pictures contact

**Dave Tabbutt**  
**W3DET**  
**w3det@arrrl.net**  
**cell: 252-944-3660**

### Packaged Sale

**Complete HF station includes**

- Icom 7200, 100 Watt, HF Transceiver, 6 – 80 meters, mic, manual, boxes.
- Power-werx 30 amp. Switching power supply
- LDG Auto Tuner IT-100, cables , box
- MFJ 822 – SWR, Watt meter, hf/vhf, 300W

## BARC Board Meeting Minutes - October 2015

Date : 10-27-2015.

### MEMBERS PRESENT:

There were five members present for this meeting.

### CALL TO ORDER:

President, Terry Monday, K4ZYD, called the meeting to order at about 7:35 PM.

### MAIN DISCUSSION :

Review of New Technician Class. Terry, K4ZYD, mentioned that three students were in the class with one more student will be starting next week. Club members attend-

ing and helping with the class were Al Mullis, K4GOE, and Jeff Meyer, K4DKW. Terry mentioned that he would like to see the Club sponsor another Ham Radio Class again next fall. We could start promoting the class earlier next year, and have better registration forms. The tech exam will be given at 1:30 on Nov. 14th.

### CLUB WEBSITE:

Dave W4YDY, mentioned that we will need a club member to take over the club website. If someone is interested in taking over the Club Website please let our Club Presi-

dent or Dave know.

With no further business the meeting adjourned about 8:23 PM.

### Respectfully submitted by:

TAYLOR MILLAR, Secretary

# National Emergency Net Active as Category 5 Hurricane Patricia Neared Mexico

The National Emergency Net was active along Mexico's Pacific Coast as Category 5 Hurricane Patricia, packing sustained winds of up to 200 MPH, headed for landfall. The State of Guanajuato Amateur Radio Association (AREG) posted an alert on its Facebook page to point out that the net has activated on several HF bands and was requesting clear frequencies at 3690, 7060, and 14,120 kHz. Amateurs in Guanajuato, which is inland from the immediate coastal hurricane strike zone, were monitoring the 147.330 MHz repeater for emergency traffic. IRLP Reflector 9200, channel 08 also could have been used. In Guanajuato State, the 147.000 MHz repeater has a link to 40 meters. The emergency net also may use 21,120 kHz. There may also be emergency traffic between 7050 and 7100 kHz, in addition to 7060 kHz.



AREG asked its members and the broader Amateur Radio community to check into the net and provide location, bands the station can support, and schedule. Hurricane Patricia was expected to affect the states of Jalisco, Michoacan, Nayarit, and Colima. "This to have better coordination and avoid having a lot of stations checking in some times and not enough at others," the AREG post said."

"The risk level generated by this meteorological phenomenon was so great that it's necessary to have the support of the greatest number of radio amateurs to support communication for the impacted area, AREG added.

Omar Alvarez, XE1AO, a faculty member at the University of Colima, initially activated a net October 22 on 7060 kHz (LSB) from the University, which has its own

amateur station. Other stations checked in from the capital city of Colima.

Alvarez said he was not expecting to see any effects from the storm until 1500 local time. "Most of the tourists were evacuated from all the coastal hotels," he told ARRL.

The National Hurricane Center in Miami is calling the Category 5 storm "potentially catastrophic." As of 1800 UTC, the storm was located about 85 miles southwest of Manzanillo and 155 miles south of Cabo Corrientes, Mexico. Evacuation of some 60,000 residents in the storm's path was under way.

In its 1800 UTC summary, the National Hurricane Center said, "Some fluctuations in intensity are possible this afternoon, but Patricia is expected to remain an extremely dangerous Category 5 hurricane through landfall. After landfall, Patricia is forecast to rapidly weaken over the mountains of Mexico."

Hurricane force winds extend outward up to 35 miles from the storm's center, and tropical storm force winds extend outward up to 175 miles. The minimum central pressure estimated from NOAA aircraft data was an extremely low 25.96 inches.

Hurricane Patricia is the most powerful storm ever recorded in the Western Hemisphere by the National Hurricane Center.

- via ARRL (<http://bit.ly/1Pccu1n>)

## 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 (20 wpm)
- ◆ 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

Nov 7.....BARC Tech Exam Prep Class	Jan 26..... <b>Board Meeting</b>
Nov 7/8.....ARRL CW Sweepstakes	Jan 29/31.....CQ WW CW 160M Contest
Nov 10..... <b>Regular Meeting</b>	Feb 6.....Richmond Frostfest
Nov 14.....BARC Tech Exam Prep Class	Feb 9..... <b>Regular Meeting</b>
Nov 15.....27th Annual JARSFEST (Benson)	Feb 13/14.....CQ WPX RTTY Contest
Nov 21.....BARC Tech Exam Prep Class	Feb 16..... <b>VE Exam</b>
Nov 21/22.....ARRL SSB Sweepstakes	Feb 20/21.....ARRL CW DX Contest
Nov 24..... <b>Board Meeting</b>	Feb 23..... <b>Board Meeting</b>
Nov 28/29.....CQ WW CW DX Contest	Feb 26/28.....CQ WW SSB 160M Contest
Dec 5/6.....ARRL 160 Meter Contest	Mar 5/6.....ARRL SSB DX Contest
<b>Dec 8.....BARC Christmas Party</b>	Mar 8..... <b>Regular Meeting</b>
Dec 12/13.....ARRL 10 Meter Contest	Mar 26/27.....CQ WW SSB WPX Contest
Dec 15..... <b>VE Exam</b>	Mar 29..... <b>Board Meeting</b>
Dec 29..... <b>Board Meeting</b>	
Jan 2/3.....ARRL RTTY Roundup	<b>Regular Meeting</b> - 2nd Tuesday @ 7:30 PM <i>**Hamfests</i>
Jan 12..... <b>Regular Meeting</b>	<b>Board Meeting</b> - Last Tuesday @ 7:30 PM <i>*** Date not confirmed</i>

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**



**NOV 2015  
Next Meeting  
Nov 10, 2015**

To:



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