

# Ham Chatter



Volume 42 Issue 2

An Official BARC, W4AMC, Publication

February 2008

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## Field Day: Making Learning Fun!



**2007 Field Day co-chairmen Terry Monday, K4ZYD, operating and Murray Merner, K4MHM, logging.**

My favorite aspect of ham radio is Field Day. I look forward to it every year.

Field Day gives us a chance to practice our communication skills, operate different radios, and enjoy fellowship with other hams. But, most of all, it gives us a chance to learn. And the best way to learn is to volunteer to be a team leader or assistant team leader.

Murray Merner, K4MHM, developed the team leader/assistant team leader concept for Field Day. He divided Field Day into eleven tasks, Site and Shelter, Electrical Power, Antennas and Feed lines, Radio Equipment, Operators and Loggers, GOTA Station, Food, Safety and First Aid, Public Information and Liaison. Each task is given to two club members, a team leader and an assistant team leader. The Field Day Coordinator works with the team leaders.

And the "Gee Terry, I would like to be a team leader, but I don't know what to do" won't work. Murray has developed a comprehensive checklist for each task. The checklists are excellent!

They are reviewed and refined after each Field Day.

Field Day will be here before you know it. We would like to have all the team leaders and their assistants in place by the April meeting.

So if you want to enjoy Field Day to the fullest, volunteer to be a team leader or assistant team leader. A sign up will be passed around at the next club meeting. - Terry, K4ZYD

## SkyWarn Training & NC QSO Party

On Sunday, February 24, 2008, VOA Site C will host two amateur radio events: Skywarn training and the North Carolina QSO Party.

John Cole of the Newport, NC National Weather Service office will be presenting an Advanced Skywarn Spotter course beginning at 1:30 pm and lasting for about 2 hours. You do not need to have taken the basic training course to attend.

The North Carolina QSO party will start at 12:00 pm and be active until around 7:00 pm or 8:00 pm. We will be defending our 3rd place finish in 2007.

John McCoy, K4KBB has volunteered to cook for the group again, like he did at the September 2007 SkyWarn training. The food is scheduled to be ready around 4:30 pm.

There will likely be a work day one Saturday before the QSO party. Please tune into the Monday night ARES net for details.

These events are not limited to amateur radio operators. So bring a friend and stay for the afternoon. - Dave, KG4CZV

## Next Meeting February 12

*The Brightleaf Amateur Radio Club will have its next meeting on Tuesday, February 12 at 7:30 PM at VFW Post Home 7032 on 1108 Mumford Road in Greenville. John McCoy, K4KBB, will have a program about CW. Cake and ice cream will be served for the BARC birthday party. All members, families and guests are invited to attend.*

*The next board meeting will be February 26 at 7:30 PM at 631-B Dickinson Avenue - entrance at back of the building. All members invited.*

## Daniel Rouse Arrested

Daniel Rouse was arrested Monday night, January 21 in Wilson. He was transferred back to Washington to face the charges against him. (See page 3)



Daniel Rouse

## President's Corner, Terry Monday, K4ZYD



February 2008 and the Brightleaf Amateur Radio Club is forty one years old and going strong. Our annual membership is growing, with new members joining throughout the year. Our VE sessions provide an opportunity for "civilians" to become new hams and old hams to upgrade. Our club has provided emergency communications in one emergency after another. We have provided communications for community activities ranging from charity walks to the Special Olympics. Club activities and meetings are well attended.



## Happy Birthday

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

4	KI6AEU	John Brawl
5	KI4CRC	Sandy McLaughlin
8	KI4UCZ	Allen Stocks
8	KG4SNB	Ray Vickers
9	W4GDF	Heber Adams
10	N4BNO	James Bridgers
15	KE4JZU	Gene Underwood
16	KG4WEZ	Peter Van Houten
17	K4ROK	Doug Ferris
20	WD4JAD	George Dale
20	KE4UGG	Michael Metcalf

Please let me know of any additions or corrections. - W4YDY

Members have taught numerous technician classes that have helped untold numbers (including myself) become hams and elmer classes that have helped others gain in knowledge. We really have a club that we and our community can be proud of. And it is only going to get better.

2008 could be our best year yet. Ted Bertrand, KI4PWX, has lined up a whole series of exciting programs for our monthly meetings. Bernie Nobles, WA4MOK, is leading a group experimenting with different antenna configurations. An advance sky warning class has been scheduled and plans for the QSO party are underway. And we should have the best field day ever.

So let me, on behalf of all the board members, wish BARC a Happy Birthday with many more to come.

*Terry Monday,*  
**K4ZYD**

## 1995 BARC Ham of the Year?

If anyone knows who the 1995 BARC Ham of the Year was or any before 1989, please let me know or email [barc@w4amc.com](mailto:barc@w4amc.com). - W4YDY

## Well Wishes

Thoughts and Prayers go out to the following:

**Taylor Millar, W4WTM**  
**Gail, wife of Mac Manning, KD4AFL**  
**Charlie Wells, K4SKI**  
**Hollis Thigpen, KC3X**  
**Paul Copeland, K4KCS**  
**Doug Ferris, K4ROK**

Please inform Bob Moore, N4USB, [n4usb@embarqmail.com](mailto:n4usb@embarqmail.com) of any changes.



## Next VE Session

The next Brightleaf Amateur Radio Club VE session will be held on **February 15**. Exams will be held at St. Peter's School on 5th Street and will start promptly at 6:30 PM. Tom Parsons, **W4TEP**, 355-2815. [w4tep@arrl.net](mailto:w4tep@arrl.net). Please bring the following:

- ◆ Photo ID (drivers license)
- ◆ Original Amateur Radio License
- ◆ Copy of Amateur Radio License
- ◆ Original CSCE's
- ◆ Copy of CSCE
- ◆ Test fee is \$14.00
- ◆ Proof of Tech Plus if before 3/21/87 and doing paper upgrade to General.

**Be sure to bring copies of your Amateur Radio license and / or CSCE if upgrading.**

## NC ARES Internet

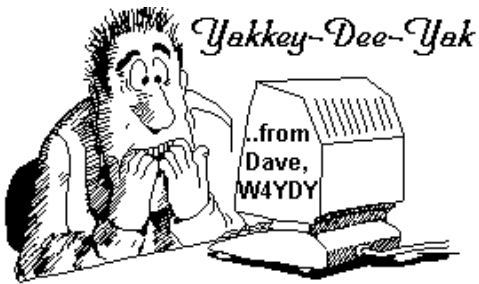
<http://www.ncarrl.org/ares/>



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I was directed to a very interesting DX web site recently. It is a site about the contest station, CN2R, in Casablanca, Morocco. The home page at <http://www.cn2r.net> has a ham's dream for an antenna farm with 3 towers. Two are about 90 feet and the other is about 150 feet. There are 19 yagis from 10 to 80 meters (including a couple of 2 meter beams) and one 160 meters rotating dipole. Two of the towers are shunt feed for 80 and 160 meter verticals and have two rotators each. The 150 foot tower has three rotators. There are also wire antennas for 80 and 160 meters. There are about 30 feed lines and most use H1000 coax.

A very interesting feature is the log lookup for contests going back to 2001. You can look up you call sign and confirm that they have you in the log if you have contacted them in a contest.

I contacted them 6 times in 2001 to 2003 contests all on SSB. I entered my call in the search box and it came up with all 6 contacts. They record all audio for each contest station and it is on the Internet. When you click on the call in the list, it will play the audio from the contact. A small box will enable and you will see the call your call and several before and after. The right speaker will have CN2R audio and the left speaker has the receiver audio. It was easy to hear myself call and replying to the contest station. Now I know how I sound on the other end breaking through the pileups.

Check your logs and if you have worked CN2R, listen to yourself. Or you can search with my call and you will hear how I sounded in Morocco in the left speaker! - W4YDY

## Daniel Rouse, KI4WRS, Expelled from BARC

Upon the recommendation of the BARC Board, the BARC membership voted unanimously at the membership meeting on January 8, 2008, to expel Daniel Rouse, KI4WRS, from the club.

Mr. Rouse was sent a letter, via registered mail, of the clubs intent to vote on this issue. He was not in attendance to exercise his right to speak before the club prior to the vote.

The grounds for expulsion were based on information received from various amateur radio sources indicating that Mr. Rouse was using his Amateur Radio license and his affiliation with BARC to gain the trust of other amateurs to commit fraud against them.

While neither the BARC Board, nor its membership has taken a position on the legal basis of the claims of the sources, it believed that the relationship between BARC and Mr. Rouse should be severed.

Mr. Rouse received his Amateur Radio license in June, 2007 and joined BARC in September, 2007.

This is the first person to be expelled from BARC in its 41 year history. Hopefully, it will be the last.

tern," Hathaway said.

According to Carl Luetzelschwab, K9LA, "As for improvement in propagation on the higher bands, we still have a way to go before that happens, and it depends on the magnitude of Cycle 24. The Solar Cycle 24 Prediction Panel has published predictions for Cycle 24, but unfortunately the panel did not reach one consensus prediction. If the larger of the two predictions comes true, we should expect consistent F2 propagation on 10 and 12 meters to start toward the end of 2009. If the smaller prediction comes true, this will be delayed about one year."

Luetzelschwab, who writes the column "Propagation" for the National Contest Journal (NCJ), continued: "While we wait for improved high band conditions, don't forget the low bands. Around solar minimum and for the next year or so, the Earth's geomagnetic field is at its quietest. This is good for low band propagation. Thus, right now is the time to start (or add to) your 80 and 160 meter DXCC efforts."

## Cycle 24 here, experts say via ARRL Letter Online

With the appearance of Sunspot 981 -- a high-latitude, reversed polarity sunspot -- on Friday, January 4, experts at NASA and the National Oceanic and Atmospheric Administration (NOAA) said that Cycle 24 is now here. "This sunspot is like the first robin of spring," said solar physicist Douglas Biesecker of the Space Weather Prediction Center (SWPC), part of NOAA. "In this case, it's an early omen of solar storms that will gradually increase over the next few years."

Solar physicist David Hathaway of NASA's Marshall Space Flight Center in Huntsville, Alabama concurred, saying that new solar cycles begin with a "modest knot" of magnetism, like the one that appeared on December 11 on the east limb of the Sun: "That patch of magnetism could be a sign of the next solar cycle. New solar cycles always begin with a high-latitude, reversed polarity sunspot." The region of magnetism that appeared back in December achieved high latitude (24 degrees North) and was magnetically reversed, but no supporting sunspot appeared until 25 days later.

Reversed polarity describes a sunspot with opposite magnetic polarity compared to sunspots from the previous

solar cycle. High-latitude refers to the Sun's grid of latitude and longitude. Old-cycle spots congregate near the Sun's equator; new-cycle spots appear higher, around 25 or 30 degrees latitude. Sunspot 981's high-latitude location at 27 degrees North and its negative polarity leading to the right in the Northern Hemisphere are clear-cut signs of a new solar cycle, according to NOAA experts. The first active regions and sunspots of a new solar cycle can emerge at high latitudes while those from the previous cycle continue to form closer to the equator.

NASA's Hathaway, along with colleague Robert Wilson at a meeting of the American Geophysical Union in San Francisco last month, said that Solar Cycle 24 "looks like it's going to be one of the most intense cycles since record-keeping began almost 400 years ago." They believe the next solar maximum should peak around 2010 with a sunspot number of 160, plus or minus 25. "This would make it one of the strongest solar cycles of the past fifty years -- which is to say, one of the strongest in recorded history." Four of the five biggest cycles on record have come in the past 50 years. "Cycle 24 should fit right into that pat-

## NTIA report on Broadband in American 2007 inflates BPL figures



ARRL Chief Executive Officer David Sumner, K1ZZ, writes:

On January 31, the National Telecommunications and Information Administration (NTIA) released its report "Networked Nation: Broadband in America 2007" <<http://www.ntia.doc.gov/reports/2008/NetworkedNationBroadbandinAmerica2007.pdf>>. The NTIA is part of the Department of Commerce, so it is not unexpected that the report attempts to show that the Administration has largely succeeded in meeting President Bush's goal of "universal, affordable access" to broadband technology by 2007.

Those more expert than I on the general subject of broadband deployment will offer their own critiques of the NTIA report. My own expertise is with regard to broadband over power lines (BPL) and was reluctantly acquired over a five-year period in the course of addressing the serious problem of interference from BPL systems to the radio frequencies that are used by licensed Amateur Radio operators.

BPL technology uses power lines to distribute broadband signals. Unfortunately it has a propensity for polluting the radio spectrum, since broadband signals operate at radio frequencies and the power lines are not shielded to prevent them from escaping. Despite this inherent flaw the Administration, through the NTIA, the Federal Communications Commission (FCC) and even the Federal Energy Regulatory Commission (FERC), has devoted considerable energy to promoting BPL. Yet, the FCC's own data show that BPL has failed to catch on. My particular interest in reading the NTIA report was to see the extent to which BPL would be credited with having contributed toward meeting the Administration's goal, thus justifying its promotional investment.

By the way, BPL manufacturers have made considerable progress in engineering their devices to avoid the radio frequencies that cause the most interference. The FCC deserves no credit for

this, since the Commission has shown little interest in enforcing even the inadequate rules against radio interference that it hurriedly adopted in 2004 to promote BPL deployment.

At one time the FCC's semi-annual reports, "High-Speed Services for Internet Access," lumped BPL in with fiber optic lines. The FCC eventually recognized that this was inappropriate, since the two technologies have absolutely nothing in common, and stopped doing so after 2004. For some reason, the NTIA's report continues to treat the two together. Even so, reading the executive summary offered a glimmer of hope that the report would be realistic with regard to BPL; it notes that while "the total number of high speed lines delivered over fiber and power line connections grew 789 percent from December 2003 to December 2006...[f]iber optic lines...appear to be almost entirely responsible for this expansion." (The latest FCC report that is available is for December 31, 2006; it was released in October 2007.) Less encouraging was the fact that the term "BPL" occurs no fewer than 45 times in the 60-page report, an emphasis that is hardly justified by BPL's miniscule market share.

Turning to the body of the report, on page 5 "removing barriers to innovative new applications such as...BPL" is mentioned as one of "...a number of targeted pro-growth telecommunications policies that have also contributed to robust technological development in the broadband sector." So, exactly how much "robust technological development" has occurred as a result of this policy of "removing barriers" to BPL that is described more fully on page 8 as a cooperative effort between the FCC and NTIA? One has to wait until page 26 to find the NTIA's answer -- and modest as it is, it is still startlingly at variance with reality. Here the report admits that "BPL has yet to make significant inroads in the broadband marketplace." Then comes the following incredible paragraph:

"Reliable BPL subscribership figures are difficult to find. The FCC's most recent data identify fewer than 5,000 BPL customers as of year end

2006. That figure appears low, however. TIA [Telecommunications Industry Association] estimates 200,000 current BPL subscribers, increasing to 700,000 by 2010. Another source forecast about 400,000 customers by the end of 2007, growing to 2.5 million by year end 2011."

### WHAT IS GOING ON HERE?

The FCC's data showing fewer than 5000 BPL customers -- a number that dropped in the six-month period covered by the report -- are taken from forms that service providers are required to submit. Why does the NTIA not regard this figure as reliable? The only way that it "appears low" is by comparison with the excessive industry and government hype.

Further distorting the picture, at the bottom of page 26 is an out-of-date map taken directly from the United Power Line Council (UPLC), an industry source with a vested interest in BPL. It purports to show BPL deployments "updated as of July 10, 2007." However, a number of those shown had already been decommissioned by that date and others have been taken out of service since then.

I have followed the ups and downs of the BPL industry very closely for more than five years. There are very few commercial deployments of BPL, and examination of the FCC data state by state shows all of the significant ones are included. The idea that there could be another 195,000 customers out there, happily connected to the Internet by BPL -- yet unreported by their service providers -- is utterly ludicrous.


Even more absurd is the NTIA's citation of the "forecast" of about 400,000 customers by the end of 2007, drawn from a year-old Web promotion for a \$3000 "industry report."

It is indefensible that the NTIA chose to include in its report unsubstantiated industry estimates and forecasts that inflate the FCC-documented figure for BPL subscribership by 3900 percent to 7900 percent. If the agency wishes to retain a shred of credibility, it will issue a corrected report with the UPLC map, the TIA estimate and the unsupported forecasts deleted. - *via ARRL Letter Online* 2/1/08

## New Amateur Extra Class Question Pool Released

The National Conference of Volunteer Examiner Coordinators (NCVEC) has released a new pool of 741 questions and 12 graphics <<http://www.ncvec.org/page.php?id=338>> for the Amateur Extra class license. This pool will become effective for examinations given on or after July 1, 2008, and should be in service until June 30, 2012. It can be downloaded from the NCVEC Web site in Word, PDF or RTF formats. If you have any questions concerning the new Amateur Extra question pool, please contact the NCVEC's Question Pool Committee via e-mail <[qpc@ncvec.org](mailto:qpc@ncvec.org)>. - via ARRL Letter Online 1/11/08

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# 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: Dave Langley** or email to: [barc@w4amc.com](mailto:barc@w4amc.com) (no spaces)

**For Sale:** Jim Deutremont has a 50 foot (in the air) tower for sale. He's not a ham, but his dad was. The tower was used for an FM antenna to get Raleigh radio stations. If interested, call Jim at 752-1373.

**For Sale:** Short tower, needs to be taken down. Astron RE-50M Power Supply. Call Walter Verdick, 252-758-2809 or email [walt20@embarq.com](mailto:walt20@embarq.com)

**FREE:** 20 Meter full size 3 element beam with 24 foot boom. Remove it from the tower and it's yours along with 110 feet of RG8U cable. Charlie Wells, **K4SKI**. Ph: 355-5188

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## BARC Meeting Minutes - January 2008

### Brightleaf Amateur Radio Club Membership Meeting Minutes January 8, 2008

**Call to Order:** President Terry Monday, K4ZYD at 19:40 hours. There were 32 members and visitors present and are listed in the roll book.

**Minutes:** Minutes of the Member Meetings on Nov 13 and Dec 11 (Christmas Party) were accepted as published respectively in the December and January Ham Chatter.

**Treasurer's Report:** Richard Cox, K4CRD, gave the report. Further information is available to members upon request.

**Health and Welfare:** Doug Ferris, K4ROK, has walking pneumonia. Bill Dawson's (WA4SLC) father is in the hospital.

**Volunteer Examiners:** Last session was Dec 14. There was one test taker who passed the General test. Next testing session is February 15 at St Peters School library at 18:30.

**State ARES:** Bernie Nobles, WA4MOK, reported that Regions 1 and 2 will meet in Columbia Feb 9. Starting time is 10:30 program has not been determined at this time. The Raleigh Hamfest is usually on Sunday but this year the Hamfest is on Saturday Apr 12. This presents a problem because the state ARES

meeting is usually the Saturday preceding the Hamfest. A meeting time and locations has not been determined. The National Hurricane Conference will take place Mar 31 to Apr 4.

**Pitt County ARES:** Dave Pulver, KG4CZV, requested members of ARES to update their ARES information forms. An ARES staff meeting will take place on Jan 16. Please get any comments or suggestions to the staff so they can be covered.

**Announcements:** Bernie Nobles noted that analog TV is to be replaced by digital TV on Feb 17, 2009. Coupons in the form of a credit card are being offered to assist in the purchase of converter boxes to convert the digital signal for use on analog TVs. They will be valued at \$40.00. They will be good for 90 days. Only 2 can be applied for at a time and are available at: [www.DTV2009.gov](http://www.DTV2009.gov).

Kinston Downeast Hamfest is Sunday Apr 6. It will be located at Le-noir Community College. Advance tickets for \$4.00 each or 3 for \$10.00 are available from Byron Highland, K4BMH, or at the door for \$5.00.

**Old Business:** Dave Pulver gave the background on BARC member Daniel Rouse, KI4WRS, noting many criminal charges and Daniel's reference to his membership in BARC. Although Daniel was invited to be present, he was not at

the meeting. Following the procedures in the BARC Constitution and Bylaws and the requirement that 75% of the members present vote to expel a member, a secret vote was taken. 100% of the ballots voted to expel Daniel.

**New Business:** The Farmville Dogwood Festival is Apr 25 – 27. It is not certain if we will attend the festival this year. If we do go, it has been decided not to have it be a Special Event station although we may operate from the site.

The topic of doing a raffle this year was discussed. While it was agreed to do one, the prize is still in question. We have done the grill for many years. The possibility of having something electronic seemed to be popular. The Board will discuss and decide. We usually like to have the drawing around the end of April so a decision has to be made soon.

**50/50 Drawing Winner:** Tod LeMoine, KG4CCX, won.

**Program:** Bernie Nobles and Ted Bertrand, KI4PWX, gave a presentation on field comparisons between the Tarheel 75 and the Tarheel 2.

**Adjourn:** Terry Monday adjourned the meeting at 21:10 hours.

Respectfully Submitted,

*Murray Merner, K4M7M*

## BARC Board Minutes - January 2008

### Brightleaf Amateur Radio club Board Meeting Minutes January 29, 2008

**Call to Order:** at 19:30 hours by President Terry Monday, K4ZYD.

**Board Members Present:** Richard Cox, K4CRD; Ted Bertrand, KI4PWX; Bob Moore, N4USB; John Prokop, N8MPX; Dave Pulver, KG4CZV and Murray Merner, K4M7M.

**Others in Attendance:** Dave Langley, W4YDY; Pat Williams, KG4NSC; Mike Langley, WD4MTT and Taylor Millar, W4WTM.

**Treasurer's Report:** Richard Cox made the report and it is available to members upon request.

**Health and Welfare:** Doug Ferris, K4ROK is still ill.

**Programs:** Ted Bertrand reported: In February there will be a presentation by John McCoy on CW and the Birthday Party. Mike Langley will give a short presentation on the Emergency Preparedness Kit. A full Disaster Preparation program will be made later in the year.

**Equipment Report:** Mike Langley presented a "Fat Box" made by Stanley. It has a waterproof top and could be used to contain a radio, power supply, antennas, etc for a self contained unit. The cost is \$30.00. No action was taken.

**Old Business:** The 21<sup>st</sup> Dogwood Festival in 2008 will be Friday Apr 25 thru Sunday Apr 27.

The application due date is Apr 11. No action was taken

Terry will do the Non Profit e-file for the IRS.

**New Business:** The W1VOA call sign is going to expire in a few months. Current trustee Tom Parsons, W4TEP, will be asked to renew the license. He will be reimbursed the FCC renewal fee.

The question of a raffle was sent from the membership to the Board. After consideration of many options, it was decided to present the raffle prize of a portable GPS valued at \$200 to \$350 to the membership. It is relatively small and can be mailed to the winner. It was de-

*(Continued on page 7)*

## BARC Board Minutes continued

(Continued from page 6)

decided to have the ticket drawn at Field Day to give enough time to sell tickets. Tickets are expected to still be \$1.00 each with no volume discount.

Bob Moore was nominated, seconded and elected as the BARC "Registered Agent" to meet the requirements of the State of NC. The physical address will be Bob's and the mailing address will be BARC's PO Box.

Terry Monday can now be reached at e-mail address: [president@w4amc.com](mailto:president@w4amc.com).

**Field Day:** Terry suggested that the Team Leaders need to be members who come forward to serve rather than being drafted. A poster listing all the needed positions will be posted at the membership meetings to have people fill the positions. A possible Field Day site on Firetower Road around the corner from last year's location was discussed.

**Constitution and Bylaws revisions.** A draft of the proposed changes written by Dave Pulver was discussed and was tabled for the next Board meeting after recommendations are included in another draft.

Bob Moore wondered if a membership drive had been tried. There was an attempted to get Pitt County hams to last year's Field Day. The possibility of sending Pitt County non-member hams a copy of the Ham Chatter, a letter from the BARC President and a letter from the President to non renewed BARC members were discussed. No action was taken.

### Announcements:

NC QSO Party is Feb. 24, 12:00 hrs to about 19:00 hrs. at VOA Site C. SkyWarn will be at the same location beginning at 13:30 hrs and lasting about 2 hours. John McCoy, K4KBB, will be cooking. Members are asked to bring some food too.

**Adjournment:** by Terry Monday at 21:15 hours.

Respectfully Submitted,

*Murray Merner, K4M7M*

## 2008 Dues

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 2006, 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 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 call Richard Cox, K4CRD, BARC Treasurer, at (252) 524-4089 or e-mail [k4crd@embarqmail.com](mailto:k4crd@embarqmail.com). Thank you for your support and participation in BARC.

## Support the Pitt County Repeater Association

The Pitt County Repeater Association maintains three local repeaters and needs the support of the local Amateur Radio operators. It is an expensive operation to keep the repeaters maintained and have proper insurance coverage. They can only be operated with help from the local Amateur Radio operators, especially the ones that use them.

The repeaters are on 147.09, 145.35 and 444.8 MHz. All use the 131.8 tone.

To donate to the association, send donations to PCRA, 1401 E. Wright Road, Greenville, NC 27858.

More information on the repeater association is available at [www.pcra.us](http://www.pcra.us) and in the April issue of Ham Chatter. The issue can be seen at <http://www.w4amc.com/hc/pdf/hc0704.pdf>.

## 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](mailto:barc@w4amc.com)

Help support *Ham Chatter* and the club.

**Donations accepted!**

## NETS

### VHF

- ◆ BARC Net, Mondays, 2000 on 147.09 MHz, W4GDF Repeater.
- ◆ Pitt County Emergency Communications Net, Mondays, 2100 on 147.09 MHz. (131.8 Hz 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, Monday 2000 on 146.76 MHz.
- ◆ Piedmont Coastal Traffic Net, Nightly 2030 on 146.88 MHz.
- ◆ Newport WFO SKYWARN Net, Tuesday, 2100 on 145.21 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
- ◆ Beaufort County Emergency Communications Net, Thursday 2000 on 147.345 MHz. Preceded by Newsmen at 1930.

### 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

## Pitt County Repeater Association

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

# ***BARC***

## ***CALENDAR OF EVENTS***

Feb 9/10..... CQ WPX RTTY Contest  
 Feb 12..... **Regular Meeting**  
 Feb 15..... BARC VE Session  
 Feb 16/17..... ARRL CW DX Contest  
 Feb 23/24..... CQ WW SSB 160M Contest  
 Feb 24..... NC QSO Party  
 Feb 26..... **Board Meeting**  
 Feb 28..... *Ham Chatter* **Deadline**  
 Mar 1/2..... ARRL SSB DX Contest  
 Mar 11..... **Regular Meeting**

Mar 25..... **Board Meeting**  
 Mar 27..... *Ham Chatter* **Deadline**  
 Mar 29/30..... CQ WW SSB WPX Contest  
 Apr 6..... Down East Hamfest, Kinston  
 Apr 8..... **Regular Meeting**  
 Apr 12..... RARS hamfest, **DATE CHANGE**  
 Apr 25/27..... Farmville Dogwood Festival  
 Apr 29..... **Board Meeting**  
 May 1..... *Ham Chatter* **Deadline**

**Regular Meeting** - 2nd Tuesday @ 7:30 PM  
**Board Meeting** - Last Tuesday @ 7:30 PM

BARC 2 METER NET - MONDAY NIGHTS AT 8:00 PM - 147.09 W4GDF REPEATER - 131.8 Tone  
 PCEC 2 METER NET - MONDAY NIGHTS AT 9:00 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**



**February 2008**  
**Next Meeting**  
**February 12**

To:



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