

# Ham Chatter



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## ARRL Field Day by BARC

## Next Meeting June 14



*The Brightleaf Amateur Radio Club will have its next meeting on June 14 (Flag Day) at 7:30 PM at the VFW Post Home 7032 on 1108 Mumford Road in Greenville.*

*The program will be by Richard Campbell, KG4SNE, and John Johnson, KE4TZN. They will discuss Field Day planning for June 25-26. All members, families and guests are invited to attend.*

*The next board meeting is set for June 28 at 7:30 PM. The meeting is open to all members.*



### Certificate for BARC/PCARES



**BARC/PCARES 3rd Place  
in the  
North Carolina QSO Party**  
*Tnx Dave, KV4CN*

Lots of food, fellowship and operating for a great time by all in 2004. Don't miss the fun this June 25-26.

# President's Corner

## Mike Langley, KD4MTT



To paraphrase George & Ira Gershwin –  
Summertime  
And the livin' is easy,  
Bands are jumpin'  
But the noise level is high.  
You don't have to be rich  
Or even good lookin'  
Jut tune your antennas  
And let's light up the sky

It's the time of the year for outdoor activities, so we need to prepare for mosquitoes, high temperatures, thunderstorms, hurricanes, and FIELD DAY '05. Although we hope not to see Arlene or Bret so early in the season, the rest of the list is not only possible, but probable.

Richard, KG4SNE, and John, KE4TZN, are working diligently to organize the year's Field Day activities. Remember, it is not "their" event, it's OUR event. The four P's - plan, prepare, promote, and participate - are the responsibility of every Club member.

For our Field Day efforts to be successful we will need the help and cooperation of Club members and friends. I urge all members to come out and enjoy an opportunity to participate in the largest amateur radio event of the year. Help to make the public aware of Field Day by inviting friends and family to come out and make a contact or two. This event can be a wonderful recruitment tool for our hobby.

We will be on familiar ground behind the Carolina East Mall, but the rest of the plans are going to be discussed at the June 14<sup>th</sup> BARC meeting at the VFW on Mumford road in Greenville. The meeting starts at 1930 hours (7:30 pm for your civilians) but come early for some eyeball QSO's. I hope to see you there.

73's

Mike, KD4MTT



Happy Birthday

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

- 11 W4DXJ Jack Edwards
- 11 WA4SLC Bill Dawson
- 14 K4MI Jack Kear
- 17 K4IDD Gerry Clayton
- 22 KI4DLN Thomas Lee
- 27 KG4SNE Richard Campbell

Please let me know of any additions or corrections. - *WAYDY*

## Well Wishes

Thoughts and Prayers go out to the following:

Jeff Hardee, K4RJF

Bernice Turnage, WA4SLD

Please inform Bryon Highland, K4BMH, of any changes.



## Next VE Session

The next Brightleaf Amateur Radio Club VE session will be held on **June 17**. 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. 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.

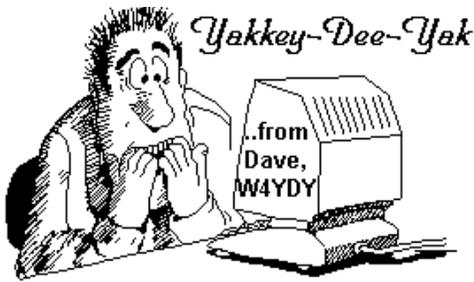
## Ticket seller winner!

Winner of the grill ticket sellers prize was Mike Langley, KD4MTT. The prize was an HT donated by J & P Machine Works (K4KBB) and Marks Marine. Byron Highland, K4BMH, drew out the winning ticket. Each ticket seller had 1 chance for each 10 tickets sold.

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In the article below, you can read about the contest between CW and text messaging. It turned out that CW won easily, surprising Jay Leno and the audience. If you want to see the segment of the show, got to <http://home.qth.com/> to download it. Also there are several links to other sites that have it. I found that <http://n6tv.kkn.net/> was best for me. The file was about 9 Mbytes and played full screen

on my computer monitor.

On the next page, I have an article about Amateur Radio courses that can be download. It includes code and theory, all four elements.

It's June again and BARC is planning another great Field Day behind the Sears parking lot next to Lowe's Hardware. Richard, KG4SNE, and John, KE4TZN need your help - *W4YDY*

## CW ops whip whippersnapper text messengers on national TV

It may have been Friday the Thirteenth, but it was a lucky day for Morse code--and particularly for veteran CW contest ops Chip Margelli, K7JA, and Ken Miller, K6CTW. During a May 13 appearance on NBC's *The Tonight Show* with Jay Leno, the pair was able to pass a message using good old fashioned Morse code more rapidly than a pair of teenaged text messengers equipped with modern cell phones. The victory, which replicated a similar challenge that took place recently in Australia, has provided immense encouragement to Amateur Radio's community of CW operators, who been ballyhooed the achievement all over the Internet. The text messaging team consisted of world text-messaging champ Ben Cook of Utah and his friend Jason. Miller said afterward in a reflector posting that the CW team won fairly handily.

"Ben was just getting ready to start entering the last two words when I was done," he said on the Elecraft reflector in response to various questions he's received following the TV appearance. "I already knew that 28-30 WPM would easily keep us in front of even the current world [text messaging] record holder, and also it is the fastest speed that I can make nice readable copy on paper with a 'stick' [pencil]." Miller said it was decided he'd be on the receiving end because he wasn't distracted by the noise in the studio.

Margelli recalls that he was sending at 29 WPM. "I believe the goods were suitably delivered," he told ARRL. "CW and old guys rule!"

What the viewing public didn't know was that Margelli and Miller had, in Miller's words, "smoked 'em every time" during three pre-program rehearsals. Even so, during the real thing, when Miller

raised his hand to signal he'd copied the CW message successfully, Jason's jaw dropped. None of the players had any idea of the text they'd be sending, Miller noted. The message? "I just saved a bunch of money on my car insurance."

As with many *Tonight Show* bits, this one involved a member of the audience, a young woman named Jennifer who predicted--incorrectly as it turned out--that text messaging definitely would top 170-year-old Morse code. She walked away with a gift of restaurant tickets anyway.

Margelli says the CW team used Yaesu FT-817 transceivers--one of his own and another owned by Dan Dankert, N6PEQ. Backup units--not needed--were provided by HRO; Margelli's wife Janet, KL7MF, manages an HRO store. They ended up using 432.200 MHz as an operating frequency in order to avoid RFI from the plethora of TV equipment in the studio and to avoid interfering with NBC's gear. They ran the little transceivers at their lowest power level and with the antennas disconnected--although they were mounted on the back of each unit--no problem given the close proximity involved. Margelli sent with a Bencher paddle.

To add a little atmosphere to the affair, NBC producers attired Margelli and Miller to look like 19th-century-era Western Union or railroad Morse telegraphers. The costumes came complete with green visors, white shirts, sleeve garters, vests and bow ties. The teenaged SMSers wore T-shirts and jeans.

Cook told Leno that he'd managed to send a 160-letter message to his friend using his cell phone's short message system (SMS)--the formal term for text messaging--in 57 seconds.

A member of the Morse Tele-

graph Club and a QRP enthusiast, Miller said he'd been using CW for 38 years. Margelli told Leno he'd been using Morse "for 43 years in ham radio," a phrase Leno echoed. That was the only plug Amateur Radio got during the appearance on the show's "Dinner for 4" segment. Miller says that during rehearsal, the pair had come up with a few lines to promote ham radio and telegraphy, but they were cut during the final dress rehearsal in the interest of making the segment fit its allotted time slot.

During the Australian competition in April, a Morse team consisting of 93-year-old former post office telegrapher Gordon Hill--the sender--and 82-year-old Jack Gibson--the receiver--topped 13-year-old SMSer Brittany Devlin. In that event, Hill spelled out the message in full, while Devlin used text-messaging shorthand. In that competition, held at the Powerhouse Museum in Sydney, Hill took 90 seconds to send the message, 18 seconds faster than Devlin's message took to reach her friend's cell phone.

Miller encouraged all who enjoyed the CW-vs-text messaging segment on NBC to contact *The Tonight Show* to let the producers know about it--with an eye toward having the network schedule a more elaborate segment "next time."

"Thanks for the kind comments from all," Miller concluded, advising "let's keep on having fun!--It is a hobby after all."

Commented Margelli to ARRL: "I completely agree with my fantastic teammate, Ken Miller. It was a lot of fun, just like ham radio, and the show also delivered an important, if subtle, message about the benefits of the 'basic' communication infrastructure that Amateur Radio provides." - *via ARRL Letter Online 5/20/05*

# FCC STAFFER: BPL faces uncertainty, technical and financial viability issues



FCC Wireless Telecommunications Bureau staff member Bill Cross, W3TN, told the FCC Forum at Dayton Hamvention May 21 that "a lot of uncertainty" surrounds BPL, including questions as to its technical and financial viability and where, how and if it will fit into the communications future. Cross works in the WTB's Public Safety and Critical Infrastructure Division, and much of his work directly involves the Amateur Radio Service. Devoting nearly a quarter of his remarks to the standing-room-only audience to BPL, Cross discussed various aspects of the FCC's October 14, 2004, Report and Order in ET Docket 04-37. The R&O established new Part 15 rules to implement BPL systems. Cross said the Commission's expressed a lot of "potentials" and "coulds" in outlining its rationale for promoting BPL as another competing broadband pipeline.

"Whether BPL catches on will be a decision made by economics, both for those who want to provide the service and consumers who have to decide it is better for them than other broadband services," Cross said. He also said the FCC recognizes BPL's potential to interfere with Amateur Radio and other radio services.

"Also note that BPL is coming on the scene, at best, as the fifth player in a field already crowded with heavy hitters," he said. "Currently we have cable, satellite, non-satellite wireless broadband and telephone lines available and providing broadband service." Cross said telephone companies already are looking at installing fiber optic cable to the home to expand available bandwidth for consumers. At the same time, he said, cable companies "have been spending gazillions of dollars upgrading their systems to digital systems so they can provide services other than traditional TV service."

Cross pointed out that FCC Part 15 rules require that licensed radio services such as Amateur Radio must be protected

from harmful interference. He also noted that the FCC was careful to carve out reservations and set specific prohibitions regarding BPL deployment on certain parts of the spectrum allocated to civil aviation users, in addition to imposing some strict requirements to mitigate interference.

"You wonder, with all these restrictions--including some that prohibit BPL deployment in what appear to be very profitable areas--a reasonable question might be: Who would want to go into this business?"

The current tug of war, he said, is between the three or four companies interested in BPL--who want less onerous restrictions--and the ARRL and other users who don't believe the restrictions go far enough. Both sides have filed petitions for reconsideration.

"Those petitions are pending, and whatever is decided on them will affect the final rules for BPL and may very well affect its viability," Cross concluded.

Regarding Amateur Radio proceedings now before the Commission, Cross was unable to pin down for FCC Forum attendees when they might expect to see a Notice of Proposed Rule Making in response to 18 petitions for rule making filed by ARRL, other Amateur Radio organizations and individual licensees. The primary hot-button issue in that proceeding is the future of the Morse code requirement for access to HF amateur bands. The FCC also is considering proposals to create a new entry-level license class and to implement some additional Amateur Radio license restructuring, including automatic upgrades from Technician to General and Advanced to Extra.

Cross said he anticipates the FCC will combine the 18 petitions into one NPRM and invite another round of comments from the amateur community. "I suspect the proposed rule making will be coming out in late summer or this fall," Cross said. The comment period could extend into early 2006, he added, after which a Report and Order would be written.

The amateur community also can expect a Report and Order as a follow-up

to its April 2004 NPRM in WT Docket 04-140, Cross said. The main proposal in that proceeding--ARRL's so-called "Novice Refarming" plan--would eliminate the Novice/Tech Plus CW bands and use that spectrum to expand portions of the 80, 40 and 15 meter bands. Current Novice and Tech Plus licensees would get CW privileges in the current General CW bands. Cross said commenters generally seem to support the proposal, although he cited requests to establish even wider phone bands, "particularly in the 75-meter band."

Among other issues, the FCC also has proposed in the same proceeding to essentially do away with its rules prohibiting the manufacture and marketing to Amateur Radio operators of amplifiers capable of operation on 12 and 10 meters. - *via ARRL Letter Online 5/27/05*

## Free Amateur Radio Courses

There is an Internet site with complete courses on all four elements for the Amateur Radio exams. It's located at <http://www.k7qo.net/>. The code is copyright April 2005 by Chuck Adams, K7QO. It may be given away freely by individuals. This means that you can download it. You can make copies and give them away or trade them for a blank disc if it is too expensive for you to give it away. You can teach a course using it without a charge being accessed to the student(s).

The code is a 90 Mbyte image file and has to be burned to a CD before it can be used. It can be copied to a computer from the CD or MP3 player. The code is in the MP3 format. Also there are several PDF files including the manual on the CD.

Element 2 requires "Now You're Talking" and Element 3 and 4 requires the 2005 ARRL Handbook.

I have download the code image file and will be glad to burn a CD for anyone that would like to have the code course, partially those that have dialup or no Internet. If there are too many requests, I may have to ask you to furnish a blank CD. - *WAYDY*

## ARRL encouraged by new Motorola BPL technology



The ARRL this week said it was encouraged to learn of Motorola's just-announced Powerline LV system--a BPL system that takes radio interference concerns into considera-

tion from the outset. The Powerline LV system avoids using medium-voltage power lines and introduces broadband signals only on the low-voltage side of the power transformer, greatly reducing the system's radio interference potential.

"We know that medium-voltage power lines are no place for broadband energy, since there is overwhelming technical evidence that radio interference

from BPL is unavoidable if MV lines are used," said ARRL CEO David Sumner, K1ZZ. "By confining their Access BPL system to low-voltage lines and by adding hardware notch filters for additional protection to Amateur Radio frequency allocations, Motorola has addressed our interference concerns."

Sumner explained this week that until Motorola Powerline LV came along, opposing BPL and opposing BPL interference were essentially one and the same. During product development, Motorola invited ARRL's suggestions and welcomed its input. Sumner said he hopes other BPL system providers now will see the benefit of cooperating with the ARRL that Motorola is now enjoying. "However, we can and should remain

critical of the FCC's Report and Order, which makes no effort to distinguish between good and bad ways of pursuing BPL," he added.

Sumner says the League is looking forward to seeing the first Powerline LV system in operation. The ARRL will continue to work with Motorola "to ensure that their new product is indeed the first BPL system that is a solution, not a problem," he said.

There's more information about Motorola's Powerline LV system on the company's Web site <[http://www.motorola.com/mediacenter/news/detailpf/0,,5519\\_5509\\_23,00.html](http://www.motorola.com/mediacenter/news/detailpf/0,,5519_5509_23,00.html)>. - via *ARRL Letter Online* 5/27/05

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# BARC Meeting Minutes - May 2005

## BARC MONTHLY MEETING MINUTES

VFW HALL, MUMFORD RD.  
May 10, 2005

Mike Langley, KD4MTT, Club President called the meeting to order at 1930 and welcomed everyone to the meeting and asked all attending to introduce themselves with name, call sign, and town. The roster book was passed around to record attendance. The minutes from last month was approved. The program will be presented first tonight to allow the USAR truck to be returned prior to dark.

**TONIGHTS PROGRAM:** Mike Tucker, KI4JBX, and Sandy Harris gave a great presentation of Urban Search and Rescue as well as a tour of their trailer, with some of their equipment. It was very informative and interesting.

**SECRETARY'S REPORT:** Richard, KI4CRD, reported receiving newsletters from other clubs, receipt of a check from Farmville for recording of rainfall.

**TREASURER'S REPORT:** Terry, KG4WEW, reported on expenditures and reminded all about dues.

**HEALTH AND WELFARE:** No report  
**EQUIPMENT:** Tom, W4TEP, purchased and installed the movie screen, which was a welcome piece of equipment. The following equipment was mentioned for possible purchase in the future: Tuners for transceivers, safety cones, LDG talking wattmeter. Equipment trailer should be usable for field day.

**PUBLICITY:** Pat, KG4NSC, reported

field day has been advertised with the city and is listed with the Chamber of Commerce. Banners are needed to place in strategic places during field day.

**EMERGENCY COMMUNICATIONS:** Bernie, WA4MOK, Saturday Area 1&2 meeting will be held at the Masonic Lodge in Williamston beginning at 10:30am, the program is on Winlink 2000.

A major drill on terrorism will be held in the Jacksonville area. More information will be forthcoming.

Good turnout for the state meeting on 4/16. Director of EMC impressed with ham radio. Turnout was good for the Dogwood Festival despite the weather. Hurricane season is approaching.

**HAM CHATTER:** Dave, W4YDY, nothing to report.

**VE SESSIONS:** Tom, W4TEP, reported VE tests are now \$14.00. Two applicants passed their tests at the last session, one extra and one technician. Next session will be held on June 17<sup>th</sup>.

**OLD BUSINESS:** The raffle for the Dogwood Festival was a success. The winner of the grill (Mike, KD4MTT) reported it worked great! The Boy Scout Camporee project was cancelled due to work problems for Dave, KV4CN.

**FIELD DAY:** Richard, KG4SNE, and John, KE4TZN, reported the same site for field day will be available and they will check with new owners to make sure. Also we can have signs in front of the mall. It was decided to have Parkers for the food. Three stations plus a GOTA to be set up. WE will try and set up Friday

evening. John, KE4TZN, to ensure grass is cut. One port-a-john will be available. Dave, KV4CN, will have the computers set up and software purchased from N3FJP. He will also order the QSL cards. A workday will be needed prior to field day.

**NEW BUSINESS:** Accuweather trying to shut down the availability of weather information and has a Congressman from Pa. Supporting in the Senate and the House also may have a bill pending. A website will be posted on the reflector and a copy of a letter opposing the bill. Members are urged to contact their Representatives. A motion was made and seconded to have the President of the club submit a letter from the club as well as all the members. Williamston is having a Swapfest on May 21.

Paul, KS4YF, reported space in Site C is being requested for full time meteor scatter on 11 meter antenna. This could possibly assist us in accessibility and use of the site.

The drawing was held for the HT radio and the winner was...Mike, KD4MTT. Now he can talk while he grills....

Thanks go out to Marks Marine and J&P Machine Works for donating the radio. John, KE4TZN, reported insurance for the repeaters is coming up and was decided if all paid \$15 it would cover the Insurance.

**ADJOURNMENT:** With no further business the meeting adjourned about 9:30PM

Respectfully submitted by

*Richard Cox, KI4CRD*

# BARC Board Minutes - May 2005

BARC BOARD MEETING  
May 31, 2005

Mike Langley, KD4MTT, called the meeting to order at 1930 EST. Attendees were: Mike Langley, KD4MTT, John McCoy, K4KBB, Dave Langley, W4YDY, Taylor Millar, W4WTM, and Richard Cox, KI4CRD.

**Secretary's Report:** Richard, KI4CRD, nothing to report

**Treasury's Report:** No report.

**Health & Welfare:** No report.

**Publicity:** No report

**Ham Chatter:** Dave, W4YDY, nothing to report.

**Equipment:** Mike, KD4MTT, reported the need for another white tent like we have, for field day. The one he usually provides is not available this year. It was also mentioned the need for the tuners and wattmeter needed for field day. These items will be brought up at the regular meeting.

It was also suggested the trailer could use some refitting. Mike, KD4MTT, reported

he could swap out the cabinets for some warehouse shelving to meet the need and give more flexibility. He would purchase the shelving in exchange for the cabinets. It was also mentioned needing possibly 3 ladder racks and an 8 ft stepladder for the trailer.

A discussion was held concerning the trailer Mike, KD4MTT, purchased and donated to the club. It was proposed that angle iron be welded and a 2X10 wood floor be added and use the trailer for

*(Continued on page 7)*

## BARC Board Minutes - May 2005

(Continued from page 6)

erecting an antenna. John, K4KBB, has his "Rocket Launcher" base and mast that could be mounted on it.

**VE Session:** The next testing session will be held on June 17<sup>th</sup>.

**ARES:** No report.

**Old Business:** Richard, KG4SNE, and John, KE4TZN, are working on the field day. The site at the mall seems as if it will be available. We will be having 3 stations plus a GOTA station. Dave, KV4CN, is purchasing the software. It was discussed that two places be looked at for catering, Parkers and possibly 2 Brothers in Winterville, as some did not like Parkers.

**New Business:** John, K4KBB, mentioned we should do more to welcome new mem-

bers and guests. And decided we should make a concerned effort and assure all guests and new members are welcomed by all and made to feel a part of the club.

A discussion was held concerning starting a Technician class again this fall.

**Programs:** Our program this month will be Field Day.

Mike, KD4MTT, with no further business closed the meeting at 2030 EST

Respectfully submitted by

*Richard Cox, KI4CRD*

## Commercial Ad Rates

1/8 page, Business Card Size

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Send ads to: **Ham Chatter, PO Box 8387, Greenville, NC 27835**

**ATTN: Dave Langley** or email **w4ydy@qsl.net**

Help support *Ham Chatter*. **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 2030 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 Williamston 145.410 & 444.250, Columbia 146.835 & 443.300, Rocky Mount 147.120, Ahoskie 146.910, Franklin, VA 147.300, Farmville 145.270
- ◆ 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

- ◆ 3.695 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

## New gear introduced at Dayton Hamvention

Manufacturers typically take advantage of Dayton Hamvention to debut their new gear. Some highlights:

\* Yaesu (Vertex-Standard) had the three versions of its FTdx-9000 series of high-end transceivers on display.

\* Icom featured its new IC-7000, which resembles the extremely popular--and still available--IC-706, although it's a bit shorter and features IF DSP filtering and a multicolor TFT display.

\* SGC showed off its "Mini-Lini," a 500 W class-E amplifier that fits in your hand and weighs approximately four pounds with the ac supply! It uses plug in band modules and comes with one for 20 meters.

\* Brian Wood, W0DZ, who made the real cover of QST in January 2004 with his DX-100, has formed a new company selling Heathkit-style kits that flatter the originals right down to the yellow-covered manuals. His first major offering is the Sienna high-end HF transceiver. - via *ARRL Letter Online* 6/3/05

# 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: **w4ydy@qsl.net**

**For Sale:** Kenwood TH-K2AT 2 meter handheld. Original battery, rubber duck & dual band antennae. BT-14 battery case with 6-AA batteries in it. Also it comes with another case with clip to carry radio in. Wall charger and mobile charger plus the original box and manual that came in the box. \$80 for everything. Philip Garrett, KI4DLO, Ph: 717-5446 or [ki4dlo@earthlink.net](mailto:ki4dlo@earthlink.net).

**For Sale:** MFJ-1272B TNC/MIC Interface switch. 8 pin microphone connector. Use with Kenwood, Alinco, Icom, Ranger or Yaesu radios. New cost \$40. **Never used.** Only \$20. Dave Langley, W4YDY. Ph: 321-2525 or [w4ydy@qsl.net](mailto:w4ydy@qsl.net).

## NC ARES Internet

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

# *BARC*

## *CALENDAR OF EVENTS*

June 14..... **Regular Meeting**  
 June 17..... BARC VE Session  
 June 25-26..... **ARRL Field Day**  
 June 28..... **Board Meeting**  
 July 2..... **Ham Chatter Deadline**  
 July 9..... IARU HF World Championship  
 July 12..... **Regular Meeting**  
 July 16..... Cary Hamfest  
 July 26..... **Board Meeting**  
 July 30..... **Ham Chatter Deadline**

Aug 9..... Regular Meeting  
 Aug 19..... BARC VE Session  
 Aug 30..... **Board Meeting**  
 Sep 3..... **Ham Chatter Deadline**  
 Sep 3-4..... Shelby Hamfest  
 Sep 13..... **Regular Meeting**  
 Sep 24..... CQ WW RTTY Contest  
 Sep 27..... **Board Meeting**

**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 4 A M C - W I V O A**

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*Next Meeting  
June 14*

**June 2005**

To:



PO Box 8387  
Greenville, NC 27835

**Ham Chatter**