

# Ham Chatter



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November 2007

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Associate Editor, Tim Nelson, WA4TMN

## Bernice B. Turnage, WA4SLD, Silent Key



for valor in combat, and remained, for his entire life, a Marine at heart.

Bernice is survived by Rosemary Holmes Turnage, his wife of 59 years, his three children and many other relatives.

A graveside service was held October 12, 2007 at Hollywood Cemetery in Farmville.

BARC extends condolences to Bernice's many friends and family.

## Next Meeting November 13

*The Brightleaf Amateur Radio Club will have its next meeting on Tuesday, November 13 at 7:30 PM at VFW Post Home 7032 on 1108 Mumford Road in Greenville. The program will be about HF by Bernie Nobles, WA4MOK. All members, families and guests are invited to attend.*

*The next board meeting will be November 27 at 7:30 PM at 631-B Dickinson Avenue - entrance at back of the building. All members invited.*

Bernice Turnage, WA4SLD, a long time BARC member, passed away on October 9, 2007. He was 85. Bernice was featured in the May 1999 issue of Ham Chatter.

Bernice was first licensed in 1975 and was very active in BARC and Amateur Radio. He had an Advanced Class license. When he was active on HF, he was a CW fan and enjoyed DX and club activities. With some help from other club members from Farmville, he hosted a couple of club meetings at his farm facility and had a BBQ cookout. He served as BARC Secretary/Treasurer for a couple of years.

Bernice graduated from Farmville High School in 1938. He graduated from Davidson College in 1942.

Bernice enlisted in the United States Marine Corps and attended Naval Pre-Flight School at The University of North Carolina. He saw action in WWII as a Marine Corps pilot serving four years in the South Pacific. He was awarded the Distinguished Flying Cross

## William Overton, WB4PAC, Silent Key

Bill Overton, WB4PAC, passed away October 12, 2007. He was 60. Bill was featured in the September 2003 issue of Ham Chatter and he was a member of BARC for many years until recently. He was employed by WUNK-TV at Farmville as a Technician. Earlier, he worked at WNCT-TV for 22 years.

He got his Novice license in 1972 around the age of 15 and was assigned WN4TWA. His license lapsed and in 1976, he got WN4PAC. Bill later took exams at Norfolk and ended up with an Amateur Extra Class license.

He was active on all bands from his shack and his mobile with an Icom 706 and a Tarheel screwdriver antenna. He preferred CW at about 22 WPM. Bill enjoyed talking on the VHF and UHF repeaters in the area to the locals.

Surviving are his aunt and uncle,



**Bill Overton, WB4PAC, SK**

Otha A. and Nell O. Barnhill of Elizabethtown; aunt, Aldine Tucker of Effingham, Ill.; and numerous cousins.

BARC extends condolences to Bill's many friends and family.

## President's Corner, Dave Pulver, KG4CZV

t the October Board meeting, I formed a committee to examine our Constitution and By-Laws. Our Constitution and By-Laws were originally drafted in June 1996. They have only been amended once since that time, in June 1999.

The committee consists of me <KG4CZV>, Dave Langley <W4YDY>, John McCoy <K4KBB>, and Bernie Nobles <WA4MOK>.

We are planning to update the Constitution in two different sessions. The first will be brought before the club at the November meeting and voted upon at the December meeting. The second set of changes will be brought before the club at the February meeting and voted upon at the March meeting.

Although the committee is only a few folks, I encourage everyone in the club to read our current Constitution and recommend any changes to anyone on the committee.

On another note, on December 1, 2007, the National Weather Service in Newport will hold their annual SkyWarn Recognition Day. They will be serving lunch to the operators who participate in the event. BARC is scheduled to be there during the mid day.

If you are interested in attending



# Happy Birthday

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

- 1 KA4WFS Walter Verdick
- 1 WA4SLD Bernice Turnage
- 3 AF4QY Bob Hanrahan, Jr.
- 8 KD4NHZ Walter Allen
- 13 KE4CTL Joyce Robins
- 14 KI4PWX Fred Bertrand
- 21 KI4DEE Charles Ingle
- 25 K4PRG Philip Garrett

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

this event, there are several folks already planning to carpool down to Newport. If you are interested in going down with us, please contact me at [kg4czv@gmail.com](mailto:kg4czv@gmail.com). I will help get transportation arranged to get us all to and from Newport.

## Dave Pulver, KG4CZV

### Paul Tibbets, ex-K4ZVZ, SK

Paul Tibbets, ex-K4ZVZ, passed away November 1, 2007. He was 92. He flew the Enola Gay B-29 bomber that dropped the atomic bomb over Hiroshima. He was active in Amateur Radio and he was licensed until about 1996 according to some records.

It was the first of two atomic bombs that ended World War II. The United States was ready to invade Japan with an expected one half million US soldiers lost. Japan was ready to fight to the death with millions lost. More at [http://www.wral.com/news/national\\_world/national/story/1992377/](http://www.wral.com/news/national_world/national/story/1992377/)

## 1995 BARC Ham of the Year?

If anyone knows who the 1995 BARC Ham of the Year, please email [barc@w4amc.com](mailto:barc@w4amc.com). Also need info of any Ham of the Year awards before 1989 if there were any.

## Well Wishes

Thoughts and Prayers go out to the following:

**Gail**, wife of Mac Manning, **KD4AFL**

**Charlie Wells, K4SKI**

**Paul Copeland, K4KCS**

Please inform Dan Drake, W4ISO, w4iso@arrl.net of any changes.



## Next VE Session

The next Brightleaf Amateur Radio Club VE session will be held on **October 12**. 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

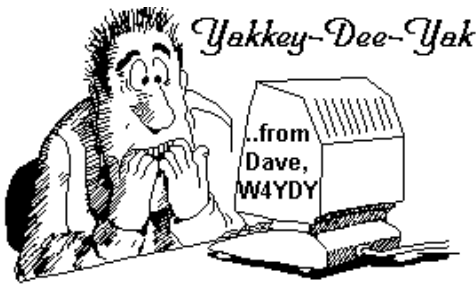
<http://www.ncarrl.org/ares/>



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As you may have noticed on the previous page, Paul Tibbets, ex-K4ZVZ, passed away on November 1, 2007 at age 92. When Colonel Tibbets was 30, he piloted the Enola Gay B-29 bomber over Hiroshima and dropped the first atomic bomb. Until that moment, it was a secret and the world learned of it at that time. He said he never regretted the mission because it saved millions of lives by ending World War II a few days later. The Japanese military leaders had already told the people to fight to their death if invaded. When they saw the results of the two bombs dropped a few days apart, Japan surrounded unconditionally. The USA was expecting one half million service members lost in the invasion.

Former U.S. Sen. John Glenn, a former Marine fighter pilot, said people who criticized Tibbets for piloting the plane that dropped the bomb failed to recognize that an allied invasion of Japan, which the bomb helped avert, would have resulted in the deaths of several million people.

"It wasn't his decision. It was a presidential decision, and he was an officer that carried out his duty," Glenn said. "It's

a horrible weapon, but war is pretty horrible, too."

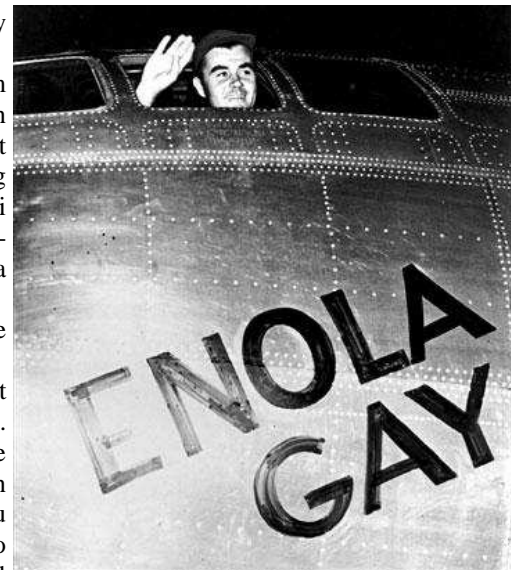
Tibbets was tired of criticism for delivering the first nuclear weapon used in wartime. He said he slept just fine, believing with certainty that using the bombs on Hiroshima and Nagasaki saved more lives than they erased because they eliminated the need for a drawn-out invasion of Japan.

He retired from the Air Force as a brigadier general in 1966.

Many didn't know that he got an Amateur Radio license years ago. His call sign, K4ZVZ, was issued in the late 1950's but he could have had an earlier license. Back then, if you moved to another call zone, you had to change your call sign if you changed station locations on your license. Records indicated that he still had the call until at least 1996. The call was reissued to someone else (in another call zone) in the early 2000's.

I know he was active on the air in 1959 because I had a 21 minute QSO with him on October 6, 1959 on 20 meters while I was living in Raleigh. He was piloting an Air Force KC-135 over western NC and SC. I don't remember what we talked about but I always remembered the contact and that it was an interesting QSO. It was years later that I learned that the Paul I talked to was Paul Tibbets, pilot of the Enola Gay that he named for his mother.

When I found out who 'Paul' was in my logbook, I sent him a QSL card and also included a letter about the QSO. I had hoped to get a QSL card, but he had moved from Florida and the Post Office returned it



Paul waving just before taking off.

to me. That was before there was Internet here, so I didn't know how to find him. - W4YDY

### October VE Session Results

There were three successful candidates at the BARC VE Session on October 12. Hyman Denby, **KI4ZXW**, Greenville, passed Element 2 for the Technician license and **received his new call on October 18**. Kenneth Creamer, **K8JYL**, Jacksonville, NC, passed Element 3 for General and John Prokop, **N8MPX**, Winterville, passed Element 4 for his Amateur Extra. BARC congratulates all for their accomplishment.

The VE's were VE Liaison Tom Parsons, **W4TEP**, Richard Cox, **K4CRD**, and Michael Martin, **KE4UUT**. - Thanks **K4CRD**

## ARRL faces FCC in Federal Court over BPL issues

On Tuesday, October 23, the ARRL faced the Federal Communications Commission in the US Court of Appeals over the continuing debate concerning harmful interference to licensed radio services from unlicensed Broadband over Powerline (BPL) systems. BPL is the delivery of broadband Internet communications using unshielded electrical wiring to conduct high-speed digital signals to homes and businesses. BPL systems are designed to conduct RF energy through unshielded, medium voltage power lines, using some or all of the HF spectrum between 1.7-80 MHz. At those frequencies

on unshielded overhead power lines, the electrical wiring not only conducts the signals, it radiates them very efficiently for very substantial distances from the power lines.

In October 2006, the League petitioned the United States Court of Appeals for the DC Circuit to review the FCC's October 2004 Report and Order (R&O) in ET Docket 04-37 and 2006 Memorandum Opinion and Order which generally denied all of the 17 petitions for reconsideration. In its brief initially filed May 17, the ARRL contends, among other things, that the FCC's adoption of

rules to govern unlicensed BPL systems fundamentally alter the longstanding rights of radio licensees, including Amateur Radio operators. Specifically, the FCC order, while adopting rules that it claimed would minimize instances of harmful interference to licensed services, eliminated a fundamental requirement for unlicensed devices, and held for the first time that BPL systems need not shut down in the case of unresolved instances of harmful interference to "mobile" stations.

The ARRL argues that the FCC's BPL rules violate Section 301 of the Com-

*(Continued on page 4)*

## ARRL faces FCC in Federal Court over BPL issues

(Continued from page 3)

munications Act, which requires that operators of devices that emit radio frequency energy which have a substantial interference potential cannot operate without an FCC license. "For years, the FCC has consistently read Section 301 to apply to unintentional radiators, such as BPL devices, and has expressly embodied that interpretation in its rules," the League's brief recounts. The brief notes that extensive studies done by the National Telecommunications and Information Administration conclude persuasively that interference from BPL to mobile stations can be expected at distances up to almost a football field, and to fixed stations at distances up to five football fields.

The Commission then compounded its error by asserting that BPL devices do not fall within Section 301 at all, the League said. "This hail-Mary attempt at justification is another unexplained departure from prior policy that independently requires invalidation of the orders," the ARRL remarked in its brief.

The ARRL contends that the FCC orders under review "jeopardize the license rights of ARRL's members and other license holders by authorizing providers of a new device -- Access Broadband over Power Lines, or 'BPL' -- to send radio signals across the electric grid in the frequencies the license holders occupy, but without having to obtain an FCC license."

Each side had 20 minutes to present their case, with the League going first. Attorney Jonathan Frankel, of the WilmerHale Law Firm, argued the case for ARRL before the three judge panel; Attorney C. Grey Pash, of the FCC General Counsel's office, argued for the FCC. According to ARRL President Joel Harrison, W5ZN, who attended the Court session, Frankel's argument centered on the removal of interference protection for licensed mobile stations, and the Commission's rules for measuring interference. "Frankel received multiple, direct questions from each of the judges concerning the topics in the briefs, and responded to each very well," Harrison said.

"Judges Tatel, Rogers and Kava-

naugh interrupted both sides repeatedly with intelligent, challenging questions," ARRL Chief Executive Officer David Sumner, K1ZZ, said. "For example," Sumner continued, "while quizzing Frankel, the judges sounded skeptical that interference to mobile stations couldn't simply be regarded as 'not harmful' because it was temporary; but then, when quizzing the FCC's attorney, Judge Tatel said in response to the statement that 'mobile stations could simply move,' that in the case of BPL in Manassas, Virginia for example, you can only get away from the interference by leaving Manassas. It wasn't, he went on to say, like a garage door opener."

For the first time in decades, the FCC decided against requiring that operations found to cause "harmful interference" be shut down immediately -- a stance that ignores the "right of the license holder to be free from interference," Frankel said in court. The FCC has also withheld portions of studies that would "potentially" show BPL does cause harmful interference to other devices -- and ignored reports of tests the ARRL argues offer "substantial" evidence of interference problems, he continued. "We're talking about devices that radiate for football fields in length and all along power lines," Frankel said of the BPL gadgets. "When you drive down the street, [an Amateur Radio operator's] service is interrupted constantly."

"All three judges were clearly very familiar with the written record. They spent a lot of time on the issue of what information the FCC had withheld from public view (redacted)," Sumner said. "In the course of the argument, the FCC's attorney had to acknowledge that the Commission's explanations in the BPL proceeding were deficient in a number of respects, although it wasn't clear that administrative agencies are held to a very high standard in that regard."

Harrison said that Pash, the FCC's attorney, began his defense of the FCC orders and was almost "immediately interrogated" by the judges on the Commission's premise that "a mobile station in a licensed service should not be afforded complete protection from harmful interference just because it can just move away from the interference.

Pash also came under what Harri-

son called "considerable direct questioning" concerning the redacted material from the FCC's response to the ARRL's Freedom of Information request. ARRL had asked the FCC to produce all of what FCC described as "extensive" studies allegedly justifying its BPL order, on which the FCC relied in adopting the BPL rules. The FCC had deleted what appeared to be any material in that one single study that indicated that interference from BPL systems was likely. One page that was completely redacted was a PowerPoint slide titled "New Information Arguing for Caution on HF BPL." The FCC claimed that was not factual information, but just staff advice. Pash "attempted to present a position that the material pertained to 'staff opinion' that was determined to not be a basis for the FCC's decision," Harrison said. According to Pash, the redacted sections referenced earlier sections of the report, and were not "a bunch of new information," Harrison added.

Pash defended the Commission's approach. He said the FCC didn't require the so-called "cease-operations" rule because it didn't find ample evidence that BPL posed any real potential for "harmful" interference. He said the studies the FCC relied upon, including one by the US National Telecommunications and Information Administration, found that so long as the FCC restricts the strength of the signals emitted by BPL devices -- as it did through its rules -- others sharing that spectrum "won't notice a difference" in the quality of their services.

Attorney Frankel reserved seven of his allotted 20 minutes for rebuttal of the FCC's arguments. He reiterated the League's position concerning mobile operations and also emphasized that "unless we have an opportunity to review the redacted material, no determination can be made as to its role in the FCC's rulemaking decision," Harrison said.

Both Sumner and Harrison said they were "quite impressed" with the knowledge that the judges had concerning the case and with the questions that they asked. Harrison said it could be "three months or more" before the Court announces its decision. - Some information from cnet.com - via ARRL Letter Online 10/26/07

# 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)

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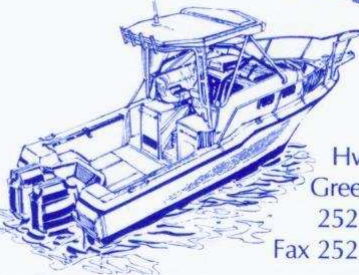
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## BARC Meeting Minutes - October 2007

### Brightleaf Amateur Radio Club Membership Meeting Minutes St Peter's School Science Class- room, October 9, 2007

**Call to Order:** President Dave Pulver, KG4CZV, called the meeting to order at 1930 hours.

There were 23 present and are listed in the roll book including presenters Tom Brown, N4TAB, and Frank Lynch, W4FAL

**Program:** Tom Brown and Frank Lynch spoke on their experience in dealing with BPL in Raleigh and BPL in other locations.

**Secretary's Report:** Murray Merner, K4MHM, had no report.

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

**Health and Welfare:** Bernice Turnage, WA4SLD, is not doing well. Paul Cope-land, K4KCS, is having medical problems.

**Ham Chatter:** Dave Langley, W4YDY, was not present.

**Publicity:** Pat Williams, KG4NSC, noted that he put up a static display at the County Fair. It was located in the Village of Yesteryear and apparently not any brochures were taken. This probably is not a good location because of limited traffic in that area. Concern for security of operators and lack of operators prompted the decision not to have a manned station. We need to start discussions sooner next year.

**Volunteer Examiners:** Tom Parsons, W4TEP, announced that the next VE session will be 10/12 at 1830 hours at St Peters School.

**Equipment:** Mike Langley, KD4MTT, had no report. It was noted that after the Field Day there were some equipment needs noted - i.e., head set adaptors for radios, ear phone covers.

**State ARES and Eastern Branch:** Bill Dawson, WA4SLC, noted that the NC Simulated Emergency Test is scheduled for 11/3 from 0800 to 1200 hrs. Meeting in Columbia will be 11/10 at 1030 hrs at

the Moose Lodge. Lunch is \$5.00. Bill also mentioned that he ran into Patrick Sutton in Washington and he said "hi" to everyone in BARC.

**Pitt County ARES:** SkyWarn training was on 9/22 at VOA Site C. John Cole of NWS was the instructor. Half the attendees were new to SkyWarn. John McCoy, K4KBB, cooked hamburgers and hot dogs afterwards - thanks John. An Advanced SkyWarn session is being planned for Feb 08 at VOA-C.

#### **Announcements:**

**Future programs:** November will be a program on HF operation and election of club officers.

**New Business:** The Peer Award nominations were made by secret ballot. Mike Langley, KD4MTT, will tally the votes.

**50/50 Drawing Winner:** Doug Ferris won.

**Adjourn:** Dave Pulver adjourned the meeting at 2100 hours.

Respectfully Submitted,

*Murray Merner, K4MHM*

## BARC Board Minutes - October 2007

### Brightleaf Amateur Radio club Board Meeting Minutes October 31, 2007

**Call to Order:** at 19:30 by President Dave Pulver, KG4CZV.

**Others in Attendance:** Richard Cox, K4CRD; Dave Langley, W4YDY; John McCoy, K4KBB; Pat Williams, KG4NSC; Terry Monday, K4ZYD; Taylor Millar, W4WTM; Joel, Muhaluk, KI4LMY; Dan Drake, W4ISO; Mike Langley, WD4MTT; Murray Merner, K4MHM

**Minutes** The minutes of the Board meeting on September 25, 2007 were accepted as published in the October 2007 Ham Chatter.

**Treasurer Report:** Richard Cox report made the report.

**Health and Welfare:** Hollis Thigpen, KC3X, was operated on in Durham and readmitted due to complications to the hospital in Greenville and may have been discharged today. Dan Drake will send

sympathy cards to the families of Bernice Turnage, WA4SLD, and Bill Overton, WB4PAC.

**Programs:** Taylor Millar reported:

- November: HF operation (members will be asked about their favorite contact) and Elections
- December: Christmas Party and Peer Awards
- January: may be an ARES program

**Ham Chatter Report:** Dave Langley had no report on the Ham Chatter, but did mention that good information and internet links were include in the ARRL DX and Contest bulletins.

**Equipment Report:** Mike Langley noted there was some need for tools. Since there is money in the budget for equipment he was authorized to spend up to \$100.00 to be expended before 12-31-2007.

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

**Public Information Report:** No report.

**Old Business:** None

**New Business:** Dave Pulver announced that a Constitution / Bylaws Committee had been formed of make needed changes. The Committee consists of: Dave Pulver, Dave Langley, John McCoy and Bernie Nobles, WA4MOK. The Committee will announce intended changes at the November meeting that will be voted on in the December meeting. Other changes may be made early in 2008.

**Announcements:** Dan and Kim-Hon, KG4ISP, Drake had a baby boy. Congratulations!

**Adjourned:** at 21:10

Respectfully Submitted,

*Murray Merner, K4MHM*

# Duke Energy "moving away from BPL projects"

In an article in the Sept 17 issue of "Electric Utility Week" Matt Smith, Duke's director of technology development, stated Duke Energy is "shifting away from BPL" to focus on other technologies to enhance utility grid operations. Duke currently has a BPL deployment in south Charlotte. The article stated that Duke at one point planned to provide broadband service to as many as 15,000 customers in its Charlotte BPL pilot, but it never reached that many, and even where it does have BPL equipment on its wires customers do not have broadband access any longer. The equipment is being used by the utility but it will be used in concert with wireless communications systems Duke will install over time as it makes other grid investments.

Another Duke spokesman stated "We're investing a lot of money in advanced meters and moving to wireless technology is a better fit for us" than BPL. The article stated that Duke will keep the existing BPL equipment in place and supplement it with wireless communication devices to be installed on certain equipment. Smith stated that "Duke did not do a side-by-side comparison of the costs of BPL and wireless but because wireless technology has been around longer the cost probably is lower and the equipment is more "robust" and less likely to experience failures."

*Via ARRL North Carolina Section  
Section Manager: Timothy B. Slay, N4IB*

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## 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/>

# Brightleaf Amateur Radio Club November Elections

Every November is election time in the United States. Even BARC has their elections the same month. At the September meeting, no one was nominated to add to the list presented by the nominating committee.

The nominees who will appear on the ballot are: President – Terry Monday, K4ZYD; 1st Vice President – Bob Moore, N4USB; 2nd Vice President – Ted Bertrand, KI4PWX; Secretary – Murray Merner, K4MHM; Treasurer – Richard Cox, K4CRD; and 2 Year Trustee John

Prokop, N8MPX. Dave Pulver, KG4CZV, will automatically become the 1 year trustee being the Past President.

The nominating committee were Dave Pulver, KG4CZV, John McCoy, K4KBB, Bernie Nobles, WA4MOK, and Dave Langley, W4YDY.

Write in votes for candidates not nominated will also be accepted. All BARC members are encouraged attend the November meeting and participate in the voting process. The time limit for absentee ballots has passed.

## Hollingsworth to Stay Put at FCC

(Oct 30, 2007) -- Riley Hollingsworth, Special Counsel for the FCC's Enforcement Bureau, has decided not to retire; he had announced last week that he would leave the FCC in January 2008. "After spending the entire weekend thinking about the decision [to retire], it became more and more clear to me that it just isn't



the right decision for me right now. There are several issues on the table that I want to continue to work through with the amateur community." The Enforcement Bureau is the primary organizational unit within the Federal Communications Commission that is responsible for enforcement of provisions of the Communications Act, the Commission's rules, Commission orders and terms and conditions of station authorizations, as well as enforcement of Amateur Radio rules (Part 97). - *via arrl.org*

# BARC CALENDAR OF EVENTS

Nov 13 ..... **Regular Meeting** - Elections  
 Nov 17/18. .... ARRL SSB Sweepstakes  
 Nov 18 ?..... Benson Hamfest  
 Nov 24/25. .... CQ WW CW DX Contest  
 Nov 27 ..... **Board Meeting**  
**Nov 29** ..... *Ham Chatter* **Deadline**  
 Dec 1/2. .... ARRL 160 Meter Contest  
 Dec 8/9. .... ARRL 10 Meter Contest  
 Dec 11 ..... **Christmas Party**  
 Dec 14 ..... BARC VE Session  
 Dec 18 ..... **Board Meeting**  
**Dec 27** ..... *Ham Chatter* **Deadline**  
 Jan 1 ..... ARRL Straight Key Night  
 Jan 6/7. .... ARRL RTTY Roundup  
 Jan 8 ..... **Regular Meeting**

Jan 26/27. .... CQ WW CW 160M Contest  
 Jan 29 ..... **Board Meeting**  
**Jan 31** ..... *Ham Chatter* **Deadline**  
 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

**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**



**Next Meeting  
November 13**

**November 2007**

To:



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