

HAM CHATTER



Volume 48 Issue 7

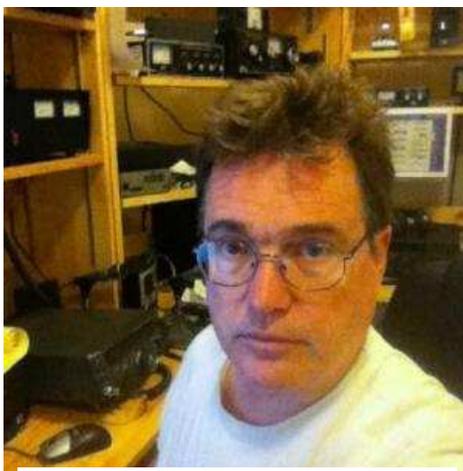
An Official BARC, W4AMC, Publication

July 2014

Editor, Dave Langley, W4YDY

Email: barc@w4amc.com

Meet the Member, Irv Davis, KK4HHY



Irv Davis, KK4HHY

Editors note: Irv is the new BARC Secretary replacing Ted Bertrand, KI4PWX. Ted and Brenda, KJ4GDS, moved to Alabama in late June. The club will miss them and their contributions to the club. The following was written by Irv. Thanks Irv for stepping up to help the club. - W4YDY

After a long standing interest in Amateur Radio since sometime in the early 1970s, Irv finally got licensed in 2012. His interest started in childhood, growing up on St. Simons Island, on the coast of Georgia, with an interest in radios, antennas, TV/radio broadcasting, and short wave radio listening.

Young Irv spent hours with his grandmother's Grundig console radio, which featured a general coverage receiver for shortwave AM broadcasts. In 1974, with money earned from working at a local mom and pop grocery, he bought a brand new Radio Shack DX-160 short wave receiver that has a beat frequency oscillator

for receiving SSB and CW on the ham bands. The DX-160 is still working today and stands next to ham gear in his shack.

Irv had a high school history teacher, Steven Vose, K4EV, who invited Irv to his shack several times and helped him learn basic CW (with an instructor-graph using paper tapes of CW lessons), although Irv still now has much work to do to gain usable code proficiency. He still has ragged copies of the 1975 and 1976 ARRL Radio Amateur's Handbooks he read cover to cover, at the time not understanding most of it, but being really excited about the idea of becoming a ham and contacting people all over the world. They are part of his substantial library of ham radio and engineering books, updated with many recent publications on ham radio.

Irv's parents and family were sometimes dismayed because Irv was constantly modifying antennas for the household TVs and radios. One of the thrills was being able to receive distant TV and radio broadcast stations, through tropospheric conditions on TV and FM radio, and through nighttime skip on AM. With a Heathkit Tube Tester and other equipment, Irv removed, tested, and replaced vacuum tubes in the household TV and radio sets and made other minor repairs, getting some old equipment back in working order, and sometimes just opening up TVs and radios to see what was inside. He bought and assembled a kit for a regenerative shortwave receiver, with the help of David Merrifield, a technician class ham and friend of his parents, and spent many hours tuning and listening to shortwave broadcasts and ham QSOs. The side yard and back deck of Irv's 3 story house on the beach had quite

Next Meeting – July 8, 2014

The Brightleaf Amateur Radio Club will have its regular meeting at 7:30 PM on Tuesday, July 8, at VFW Post Home 7032 on 1108 Mumford Road in Greenville. Program will be by Robert Young, NC4RY, founder, designer and technical support of the screwdriver Tarheel Antennas. All members, families and guests are invited to attend.

The next Board Meeting will be July 29 at 7:30 at the Offices of Monday & Monday, (CPA), Suite D, East Victoria Court. All members invited.



a web of wire antennas attached to the eaves and railings.

In 1979, Irv decided to attend Georgia Tech and study electrical engineering. All he can say is they let anybody in back then and must have had quotas to get more students from the smaller, rural counties of Georgia. Tech was sink or swim and didn't leave much time to try to get CW speed up and take the ham radio exam. Calculus, chemistry, and physics exams took priority. The EE school had a ham radio club and station on the top floor of the EE building with nice equipment, much of it home brewed, and a wealth of knowledge in the EE faculty and students. However, the club was not real helpful to those as yet unlicensed, so Irv found an outlet working at the Ga Tech FM radio station, WREK, operating the station and helping with some engineering and mainte-

(Continued on page 2)

Meet the Member, Irv Davis, KK4HHY

(Continued from page 1)
nance tasks.

Erv finished bachelors and masters degrees in EE at Ga Tech before graduating and working briefly for a defense contractor, Electromagnetic Sciences, in Atlanta making radar, communications, countermeasures, and satellite systems. He moved on to work for a division of Emerson Electric, where he was responsible for design and development engineering of an electromagnetic flowmeter product line. Nine, sixty inch diameter pipe flowmeters, he helped design and build, still measure wastewater outflow from the city of Boston. They were installed during the "big dig," which had downtown Boston torn up for years, as roads, transit, and utility tunnels were installed under the city.

Between marriage, family, kids, career changes, moves, hog farming, retraining in psychology and behavioral sciences, interest in ham radio took a back seat. Finally, in about 2010, Erv finally decided it was now or never and started getting materials and readings to get more up-to-date on the current state of ham radio and prepare for the license exam. It has been a really enjoyable journey for him, trying to remember what he forgot.

Today, he has assembled a nice shack and has spent many hours getting equipment set up and working. So far, he has made many contacts around the world. He especially enjoys DXing and working new countries and stations. He is interested in all aspects of ham radio, although especially interested in antennas and radio wave propagation. His plans include preparation for the extra class exam, continuing to improve his antennas and station, building a software defined radio kit, and configuring a poor-man's bandscope from the IF output of the FT-950 using a DVB-T Realtek dongle and free software. He is also hoping to get more in to digital modes and keep working on the CW proficiency. He plans to continue DXing, qualify for some ARRL awards, and maybe get the shack cleaned up sometime in the near future. His wife and some of his five kids have visited the shack and seem somewhat amused. Twelve year old Nico has great eyesight and manual dexterity, with a real talent for opening up cases and working on circuit boards. Sixteen year old Ed has expressed an interest in science and aeronautical engineering, but rarely gets up from his computer, internet, Xbox, and DS to see what's happening with Dad's radios. Wife, Yumi, wants to hear Japanese stations, but they always seem to fade by the time she gets out to the shack.



Happy Birthday

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

8	KB3VKH	Josh Steele
12	KG4CZW	Bonnie Pulver
13	K4SKI	Charlie Wells
15	KM4CPC	Jason Melendez.
21	W4DLE	David Erwin
22	KM4CPD	Bob Mahe
24	WA4MOK	Bernie Nobles
29	W4YDY	Dave Langley

Additions or corrections to W4YDY

Well Wishes

Thoughts and Prayers go out to the following:

Charlie Wells, K4SKI
Tom Parsons, W4TEP
Barbara McCoy, wife of John, K4KBB

Please inform John McCoy, K4KBB, k4kbb @ earthlink.net of any changes.



Next VE Session

The next Brightleaf Amateur Radio Club VE session will be held **Tuesday, August 19** at the VFW Post Home 7032 on 1108 Mumford Road and will start promptly at 6:30 PM. Email [barc @ w4amc.com](mailto:barc@w4amc.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.

Go to <http://www.w4amc.com/barcinfo.html#VE> for more information.

NC ARES Internet

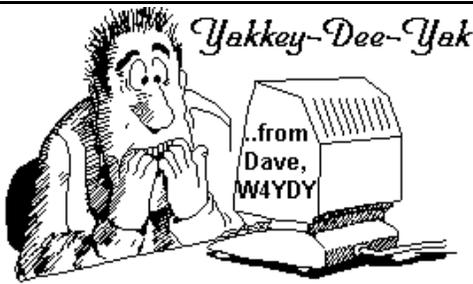
<http://www.ncarrl.org/ares/>
Pitt County ARES
EC needed!



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It was great weather Saturday and Sunday at the 2014 BARC Field Day. The rain stayed away from the area North of US 264 just like predicted and the temperature stayed well below 90 degrees. It seems that most 4th weekends in June, weather in Eastern NC is hot and/or thunderstorms but this time it was almost ideal.

Everyone that attended looked like they were having a good time. Atten-



Terry Monday, K4ZYD, up a tower working on the wire antennas

dance was up from the last 2 years. One of the highlights was 3 newly licensed operators attending their first Field Day. The 3 were licensed 5 days earlier after they had passed exams at the June BARC VE session. See the article below.

All three came out to Field Day and a couple had a chance to stick around for the Saturday evening meal and do a little computer logging and use the radio for contacts if they wanted. Bob Mahe, **KM4CPD**, Jason Melendez, **KM4CPC**, and William Sawyer, **KM4CPB**, were welcomed by club members.

Many thanks go to BARC Field Day Chairman, Richard Campbell, W4JNC. Also Terry Monday, K4ZYD, helped Richard with getting things organized not to mention his tower climbing. Many helped with the setups and antennas. Paul Fletcher, KS4YF, brought out a van with a satellite dish for Internet service.

In the next Ham Chatter, I hope to list all the participants at Field Day. There are more photos on page 7. - W4YDY



Now he's resting!

ARRL Making Website Security Upgrade



Effective July 1, the ARRL is upgrading its website SSL (Secure Socket Layer) certificate in an effort to keep up with industry standards.

This upgrade only affects HTTPS (secure) pages on the ARRL website, including the e-store checkout pages, any pages that accept donations, or pages

that allow amateurs to join the ARRL or renew their memberships. As a result of this upgrade, users running Windows XP Service Pack 2 or earlier Windows operating systems will not be able to access these pages.

To ensure uninterrupted service, Windows XP Service Pack 2 users are encouraged to upgrade to Service Pack 3, or Windows 7 or 8.

If you are unaware of what Windows operating system you have, go to <http://support.microsoft.com/kb/322389>.

If you have any further questions or problems updating, please contact your local computer technician or service center. - via ARRL.ORG 06/26/2014

BARC HF Transceiver For Sale

The **Kenwood TS-520** is designed for SSB and CW modes in the 80 through 10 meter



ham bands. It also features receive of WWV at 10 MHz. The TS-520 features a very accurate linear analog display dial. Power input is 120W PEP SSB and 100W CW. (This transceiver does not have general coverage receive). The hybrid circuit includes three 6146A and two 12BY7A tubes plus 1 IC, 17 FETS, 45 transistors and 84 diodes. **REDUCED \$185 or best offer. Contact W4JNC, campbellerecu @ embarqmail.com** (Phone 758-1244)

June 2014 BARC VE Session Results



exam. The FCC issued their new call signs on June 23.

Judy Chappell, **KC3CXI**, Clarks Summit, PA, upgraded to General. Robert Mahe, **KM4CPD**, Greenville, Jason

Four Melendez, **KM4CPC**, Winterville, and William Sawyer, **KM4CPB**, Winterville, passed the Technician exam. Congratulations to all for their accomplishment.

Also Robert, Jason and William joined the Brightleaf ARC. Welcome to the club.

The VE's that attended were Acting VE Liaison Dave Langley, **W4YDY**, Thomas Styron, **KB7L**, Dan Wallace, **K4HMW**, Byron Highland, **K4BMH**, Terry Monday, **K4ZYD**, and James Lewis, **AK4MU**.

The next regular VE session is scheduled for August 19, 2014.

House Bill Would Require FCC to Extend PRB-1 Coverage to Restrictive Covenants

A bill with bipartisan support has been introduced in the US House of Representatives that calls on the FCC to apply the “reasonable accommodation” three-part test of the PRB-1 federal pre-emption policy to private land-use restrictions. HR.4969, the “Amateur Radio Parity Act of 2014” was introduced on June 25 at the request of the ARRL, which worked with House staffers to draft the proposed legislation. The bill’s sponsor is Rep Adam Kinzinger (R-IL). It has initial co-sponsorship from Rep Joe Courtney (D-CT). If the measure passes the 113th Congress, it would require the FCC, within 120 days of the Bill’s passage, to amend the Part 97 Amateur Service rules to apply PRB-1 coverage to include homeowners’ association regulations and deed restrictions, often referred to as “covenants, conditions, and restrictions” (CC&Rs). Presently, PRB-1 only applies to state and local zoning laws and ordinances.

“There is a strong federal interest in the effective performance of Amateur Radio stations established at the residences of licensees,” the bill states. “Such stations have been shown to be frequently and increasingly precluded by unreasonable private land-use restrictions, including restrictive covenants.”



The 11-page PRB-1 FCC Memorandum Opinion and Order is codified at § 97.15(b) in the FCC Amateur Service rules, giving the regulation the same effect as a federal statute. In short, PRB-1 states that local governments cannot preclude Amateur Radio communications; they must “reasonably accommodate” amateur operations, and the state and local regulations must be the minimum practicable regulation to accomplish a legitimate gov-

ernmental interest. Subject to those guidelines, municipalities may still establish regulations with respect to height, safety, and aesthetic concerns.

For 28 years, FCC regulations have “prohibited the application to Amateur Radio stations of state and local regulations that preclude or fail to reasonably accommodate Amateur Service communications,” the bill points out, “or that do not constitute the minimum practicable regulation to accomplish a legitimate state or local purpose.” Since PRB-1 was enacted, the FCC has said several times that it would prefer to have some guidance from Congress before extending the policy to private land-use regulations.

HR.4969 has been referred to the House Energy and Commerce Committee. Rep Greg Walden, W7EQI (R-OR), chairs that panel’s Communications and Technology Subcommittee, which will consider the measure.

ARRL Hudson Division Director Mike Lisenco, N2YBB, is a principal advocate for the current legislative initiative to gain PRB-1 recognition for CC&Rs. Lisenco said the most urgent task now is to get additional co-sponsors to sign onto HR.4969. – *via ARRL.ORG 06/26/2014*

Changes to Amateur Service Part 97 Rules Go Into Effect on July 21



The FCC’s recently announced revisions to the Part 97 Amateur Radio rules governing exam credit to former licensees, test administration, and emission types will go into effect on Monday, July 21. The new rules were published in The Federal Register on June 20.

In a wide-ranging Report and Order (R&O) released June 9, the Commission announced that it would grant examination credit for written elements 3 (General) and 4 (Amateur Extra) to holders of “expired licenses that required passage of those elements.” The FCC will require former licensees falling outside the 2-year grace period to pass Element 2

(Technician) in order to be relicensed. The Commission declined to give exam credit to holders of expired Certificates of Successful Completion of Examination (CSCEs) or to extend lifetime validity to CSCEs.

The FCC also embraced the use of remote testing methods, allowing volunteer examiners and volunteer examiner coordinators “the option of administering examinations at locations remote from the VEs.” The National Conference of Volunteer Examiner Coordinators (NCVEC) in 2002 endorsed experimental use of videoconferencing technology to conduct Amateur Radio testing in remote areas of Alaska. The Commission dropped its earlier proposal to permit two VEs to administer exams; the requirement remains at three VEs. The Commission did not spell out the “mechanics” of remote testing, however, which it said would “vary from location to

location and session to session.” VEs administering examinations remotely must grade such examinations “at the earliest practical opportunity,” rather than “immediately,” as the current rule for conventional exam sessions requires.

The FCC also adopted an ARRL proposal to authorize certain Time Division Multiple Access (TDMA) emissions in the Amateur Service. The Wireless Telecommunications Bureau in 2013 granted an ARRL request for a temporary blanket waiver to permit radio amateurs to transmit emissions with designators FXD, FXE, and F7E, pending resolution of the rulemaking petition. That waiver becomes permanent on July 21.

The Commission also made “certain minor, non-substantive amendments” and corrections to the Amateur Service rules. – *via ARRL.ORG 06/20/2014*

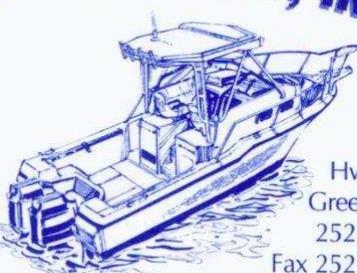
Ham Ads

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** (no spaces)
NOTE: Commercial rates on page 7.

Ham Ads Work! Free ads for Hams

For Sale: 54' Tashjian LM-540E tilt over crank up tower. It has the erection fixture included. The antennas are a Tennydyne T8 Log Periodic, a Cushcraft A50-5S 5 element yagi and a Cushcraft 13B2 13 element yagi. The antennas are mounted on a 20' mast 2" diameter. All were purchased in 2006. Asking \$1600 for the tower, mast, and erection fixture. 6 meter yagi \$100. 2 meter yagi \$120 . Tennydyne T8 Log Periodic \$400. Each piece is about one half of what I paid.
Ah Horvath, WA3OXM, Blounts Creek, NC. Ph: 252-974-0636
Email: WA3OXM@embarqmail.com

MARK'S MARINE, INC.



Hwy. 33 East
Greenville, NC
252 758-3309
Fax 252 758-1396

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**
Help support *Ham Chatter* and the club. **Donations accepted!**

H&R BLOCK

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Senior Tax Advisor 5

Buyers Market:
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Greenville, NC 27834
Tel 252.756.1209 Fax 252.756.6378
patrick.williams@tax.hrblock.com
www.hrblock.com

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K4ZYD

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Greenville, NC 27858 Fax (252) 321-2991

K4KBB

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Sat. 9:00 - 7:00
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www.batteriesplus.com

BARC Board Meeting Minutes - June 2014

BARC Board Meeting Minutes

Date: June 24, 2014

Call to Order: 7:40 PM

8 members were present: Richard Campbell, **W4JNC**, Gerry Clayton, **K4IDD**, Erv Davis, **KK4HHY**, Morris Lewis, **AK4MU**, Terry Monday, **K4ZYD**, Josh Steele, **KB3VKH**, Dave Langley, **W4YDY**, Taylor Millar, **W4WTM**

Secretaries Report: no report

Treasurer's Report: no report

Equipment Report: Generators tested and working. Trailer to VOA site C Friday PM. Have tables, chairs, and tents. Have road sign.

VE Session: Dave Langley, **W4YDY**, reported four applicants passed exams at the June BARC session. One upgrade to general: Judy Chappell, **KC3CXI**, Clarks Summit, PA. Three passed technician: Robert Mahe, **KM4CPD**, Greenville, Jason Melendez, **KM4CPC**, Winterville, and William Sawyer, **KM4CPB**, Winterville. Congratulations to all for their accomplishment. Also Robert, Jason, and William

joined the Brightleaf ARC. Welcome to the club.

The VE's that attended were acting VE Liaison Dave Langley, **W4YDY**, Thomas Styron, **KB7L**, Dan Wallace, **K4HMY**, Byron Highland, **K4BMH**, Terry Monday, **K4ZYD**, and James Lewis, **AK4MU**. Steve Horn, **KB5B**, observed and is waiting for VE credentialing.

Health and Welfare: Barbara McCoy, wife of John McCoy, **K4KBB**, just returned from the hospital yesterday.

Ham Chatter: Dave Langley, **W4YDY**, reported that the next issue is being prepared. Dave has spent many hours updating links on the BARC website, which should be working well now.

Publicity: Taylor Millar, **W4WTM**, reported that an Ad will go to the Daily reflector next Monday June 30th. The TV station was contacted about field day publicity, but it was not possible to arrange a 5:30 AM interview.

Public Service: Josh Steele, **KB3VKH**, reported there are no public service events upcoming soon.

Future Programs: The program at the

next meeting will be by Robert Young, **NC4RY**, founder, designer and technical support of the screwdriver Tarheel Antennas.

The group had discussion about future programs by Skype or teleconference featuring well-known hams, such as Bob Heil and Gordon West. This will be further explored along with an alternate meeting location able to accommodate videoconferencing.

Old Business: The MFJ antenna analyzer is still at MFJ. Richard will try to get an update on repair status.

New Business: Motion approved to accept three new BARC members: Robert Mahe, **KM4CPD**, Greenville, Jason Melendez, **KM4CPC**, Winterville, and William Sawyer, **KM4CPB**, Winterville.

Group had informal discussion about preparations for field day including computers, training new hams, TH-33-JR beam, tents, personal protective climbing equipment, and digital mode station.

Adjournment: 8:20 PM

Respectfully submitted by:

Erv Davis, KK4HHY

FCC Substantially Reduces Radio Amateur's Fine for CB Violation



The FCC has significantly reduced the fine it imposed earlier this year on an Oklahoma Amateur Extra class radio amateur licensee for operating his Citizens Band radio to interfere with other CBers' transmissions. Orloff Haines, **KF5IXX**, had been facing a \$12,000 fine. In a June 17 Forfeiture Order, the Commission dropped Haines's liability to \$1750.

"Mr. Haines does not deny that he

intentionally interfered with other CB communications," the FCC said in the Forfeiture Order. "Instead, Mr. Haines requests reduction or cancellation of the forfeiture proposed by the Enforcement Bureau because he cannot afford to pay it. Although we do not cancel the fine, we reduce the monetary penalty based on Mr. Haines's documented inability to pay."

In May 2013 an FCC agent tracked the source of a continuous carrier on CB channel 19 (27.1850 MHz) to Haines's home in Enid, Oklahoma. Haines was not at home, but his wife showed the agent her husband's CB station, which was transmitting on channel 19. Haines's wife told the FCC agent that her husband's radio was continuously transmitting on channel 19, because other CB operators in the area had been harassing her, the FCC reported in its March 21 Notice of Apparent Liability (NAL). According to the FCC, Mrs. Haines "voluntarily turned off" the CB transmitter at the end of the inspection.

The FCC said the carrier was interfering with CB communication within an approximately 2 mile radius.

Prior to May 2013, Haines had received two written warnings from the Dallas FCC office, advising him of the consequences of intentionally interfering with other CB communications. The FCC had added \$5000 to Haines's initial \$7000 fine, because of what it called his "deliberate disregard for the Commission's requirements and authority" by ignoring the earlier warnings.

In this week's Forfeiture Order, the FCC said it has rejected inability-to-pay claims in past cases of "repeated or otherwise egregious violations," and it warned Haines that similar violations in the future "may result in significantly higher forfeitures that may not be reduced" due to his financial circumstances. - via *ARRL.ORG 06/17/2014*

BARC Field Day, June 28/29, 2014



Field Day was held at the old VOA Site C, West of Greenville. Shelters were set up, antennas raised and radios set up. BARC operated with 4 transmitters. The antennas were a 3 element beam, inverted V's for 80 and 40 meters, a Carolina Windom and a 6 meter beam. The radios were power by to 2 very quite 2 KW generators.

The club furnished beverages, snacks and at 6PM on Saturday, there was BBQ, chicken, potatoes, slaw and some covered dishes. The meal was enjoyed by club members, families and visitors. There will be more pictures and maybe a video on the BARC web site [w4amc.com](http://www.w4amc.com) as soon as possible.

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

Pitt County Repeater Association

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

Greenville repeaters

147.09/69 - 145.35/144.75

444.8/449.8

All use 131.8 tone

BARC CALENDAR OF EVENTS

Jul 8 **Regular Meeting**
 Jul 12 IARU HF Championship
 Jul 19 Cary Swapfest **
 Jul 29 **Board Meeting**
 Aug 2 **HAM CHATTER DEADLINE**
 Aug 12 **Regular Meeting**
 Aug 19 BARC VE Session - **Tuesday**
 Aug 26 **Board Meeting**
 Aug 30 **HAM CHATTER DEADLINE**
 Aug 30/31..... Shelby Hamfest **
 Sep 6 VA Beach Hamfest **
 Sep 9 **Regular Meeting**

Sep 27/28..... CQ WW RTTY Contest
 Sep 30 **Board Meeting**
 Oct 12..... Maysville Hamfest **
 Oct 14..... **Regular Meeting**
 Oct 21..... BARC VE Session - **Tuesday**
 Oct 25/26..... CQ WW SSB DX Contest
 Oct 28..... **Board Meeting**
 Dec 16..... BARC VE Session - **Tuesday**

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

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



July 2014
Next Meeting
July 8, 2014

To:



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