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An Official BARC, W4AMC, Publication

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# Great time at BARC Field Day



Gerry Clayton, K4IDD, operates 20 meters with other stations in the background.

"CQ CQ FD DE W4AMC" was heard many times this Field Day. A hard working group of hams joined the cochairmen Richard, W4JNC, & Thomas, **KB7L**, to set up the area at the historic Voice of America site C. In the shadow of the silenced huge 1000 foot rhombic and tall log periodic antennas the intrepid hams set up the modest wire and beam antennas.

The group met Friday evening to scope out the site. Saturday 8 AM came early but the crew was hard at work setting up the site. The site was rated "3 Alpha" as there were three operating stations transmitting on emergency power. Bernie's WA4MOK 6 meter beam was silent all night but in the AM there was a flood like opening that Josh, KB3VKH, worked. Terry, Bill and Richard piled on the points via phone on all bands. Gerry, K4IDD, came out and racked up the points on CW.

About 1:30AM he was enticed to try an Elecraft K3 and love was in the air! At the same time Ted. KI4PWX. was having difficulties with the Yaesu and was offered to try an Elecraft K2 with a similar happy result. KG4WEZ, Peter, worked digital magic on PSK31 after most had gone to bed. All three stations were busy non stop until 4 AM.

picnic dinner was BBQ pork and chicken with

all the trimmings. Great baked beans, pasta salad and chocolate pie were brought by supporting spouses to round out the feast. After dinner the entertainment was watching the flight of the remotely controlled drone with a forward facing camera. Aerial photos from antenna height were taken and the videos will eventually be on the web page.

Nathan, **KK4FRP**, from Pitt Community College was a trooper in helping set up the site as well as when one of the dipole separated in the middle of a QSO. The Carolina Windom 160 Special was quickly put up with poles that were K4KBB, available in the BARC trailer. Nathan brought his special home made launcher to assist but no opportunity to use it came up. In the wee hours of the morning before daylight, a large stag appeared in the fields checking out what was happening.

### **Next Meeting** July 10, 2012

The Brightleaf Amateur Radio Club will have its next meeting on Tuesday, July 10 at 7:30 PM at VFW Post Home 7032 on 1108 Mumford Road in Greenville. Program will be radio controlled planes by Peter Van Houten, KG4WEZ. All members, families and guests are invited to attend.

The next board meeting will be July 31 at 7:30 PM at VFW Post Home 7032 on 1108 Mumford Road in Greenville. All members invited.

A fog developed near the ground only to clear a half Saturday's hour later revealing the stars. It was a magic night made great by

Sixteen element log great radios, a periodic antenna next to fantastic quiet the BARC Field Day site. radio environment and

good friends enjoying a common hobby.

Set up and take down crew: Richard, W4JNC, Thomas, KB7L, Ted, KI4PWX. Terry, K4ZYD, Josh, KB3VKH. Nathan, KK4FRP, Peter, KG4WEZ, Bill, WA4SLC.

Historian/reporter: Dave, W4YDY Operators and support: John, Taylor, W4WTM, Brenda, **KJ4GDS** 

It was a small group but a determined group to have a great time, and they succeeded! Hope to see you all at Field Day next year.

73, Peter, KG4WEZ.



### Ham Chatter

http://www.w4amc.com

#### Thanks to Field Day participants

This year's Field Day Chairmen ing, to say the least. Richard, W4JNC, and Thomas, KB7L, would like to express our sincerest grati- viduals who were there the whole weekend tude to all who made this year's Field Day for setup, operation, and tear down: Ted possible. The location was perfect with Bertrand, KI4PWX; Bill respect to QRM and the noticeable lack WA4SLC; Terry Monday, K4ZYD; Josh thereof, and the weather could not have Steele, KB3VKH; and Peter Van Houten, been better! Insects were at a minimum KG4WEZ. Let's face it- for two days you considering the location but also thanks to were manual laborers and without you, insect repellents and a light breeze. There Field Day might not have happened. Thank was plenty of food and the camaraderie you for all of your help! was great, but we had hoped more would have come out and experienced them and erators who came out and made at least what is amateur radio. Nevertheless, we one contact. Dave Langley, W4YDY, had a great time, we made a bunch of con- came out to operate but more importantly tacts, and most importantly, no one was to document the event for the Ham Chatter injured. Those combined made it a suc- with pictures and the website with pictures cessful Field Day.

helped with Field Day but could not make Chatter and these few words about Field it out over the weekend. Thomas, KB7L, Day might not capture the spirit of the would like to thank Dave Pulver, event. 'Remember how much a picture is KG4CZV, who has entertained all of his worth? questions and concerns, from not only the monthly ARC meetings but also this year's Pitt Community College actually came out Field Day. Thanks also to Dave LeMoine, to help set up and operate. We hope he felt **KV4CN**, and Paul Fletcher, **KS4YF**, who welcome and had fun, and hopefully he left came through with logging software, net- with a sense of belonging and a better unworking equipment, computers, and this derstanding of amateur radio. Those are year's FD location; and Mike Langley, essences of Field Day and we'd like to KD4MTT, who ensured the generator was have even more operators experience them ready for Field Day! Without any of you, next year. - Thomas, KB7L



Brightleaf Amateur Radio Club members birthdays in July.

8	KB3VKH	Joshua Steele
12	KG4CZW	Bonnie Pulver
13	K4SKI	Charlie Wells
24	WA4MOK	Bernie Nobles
29	W4YDY	Dave Langley

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

field day might have been more challeng-

Also thanks to those tireless indi-Dawson.

Finally, thank you to the club opand videos. He does a great job and with-Special thanks to the few who out him, well, we wouldn't have a Ham

Nathan Hatchel, KK4FRP, from

# **Well Wishes**

Thoughts and Prayers go out to the following:

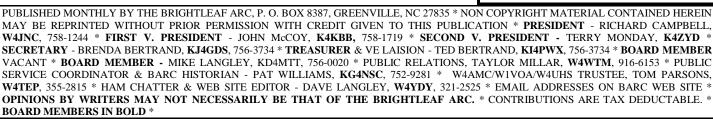
Lucy Adams, WA4BVH

Charlie Wells, K4SKI

Tom Parsons, W4TEP

Phyllis Nobles, wife of Bernie, WA4MOK Home from the hospital June 29 after 8 months.

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



Proof of Tech Plus if before 3/21/87 and doing paper upgrade to General.

**Next VE Session** 

Club VE session will be held Tuesday,

August 21 at the VFW Post Home 7032 on 1108 Mumford Road and will start

promptly at 6:30 PM. Ted Bertrand,

KI4PWX, 756-3734. bertrandf@ecu.edu.

Original Amateur Radio License

Copy of Amateur Radio License

Please bring the following required:

Photo ID (drivers license)

**Original** CSCE's

Test fee is \$15.00.

Copy of CSCE

The next Brightleaf Amateur Radio

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 http://www.pittares.com/

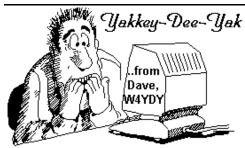
In This Issue



BARC Field Day	1
Field Day 'Thank You'	2
Happy Birthday & Well Wishes	2
Next VE Session - August 21	2
Yakkey-Dee-Yak from Dave	3
BARC VE June Session results	3
New Extra Class exam pool July 1	3
BARC Field Day pictures	4
Ham Ads	5
Regular Meeting minutes	6
Board Meeting minutes	6
Amateur Radio License Class	7
BARC Calendar of Events	8

PAGE 2

### BARC on the Web:



BARC Field Day 2012 Well if you didn't participate in the 2012 BARC Field Day, you missed a lot of fun. The only disappointment was that more didn't participate but several of the regulars were not able to because of previous plans or commitments.

The move to the former VOA Site C turned out to be a good place for Field Day. Only wire antennas (except for the 6 meter beam) were used taking advantage of nearby tower for support. Sure would like to have used the 16 elenearby.

The engine generator courtesy of Mike Langley, **KD4MTT**, who is cooling his heels in way North Alaska, per-

formed flawlessly for the event. It was Shelby Hamfest motel rooms scarce! parked behind the BARC equipment trailer The noise was not objectionable at all. One person showed up late and didn't notice noise from the engine generator and commented that it was the quietest he had head at the BARC FD site.

a couple of nearby towers to hang the wire are reserved for the convention people. antennas with ground support from several others. There will be a video and pictures a notice that "There are also rooms availposted on the w4amc.com web site as soon as I can get them done. Also there may be some aerial video from the KI4WEZ drone aircraft!

There was a great meal catered by Skylight Inn BBQ from Apex that consisted of BBQ, slaw, potato salad, cornbread and banana pudding. Also, several brought covered dishes and deserts. The Hamfest, it behooves you to make reservaclub furnished beverages. There were also tions now if you plan to stay in a motel. snacks for the participates for the duration W4YDYof the operation.

The participants and visitors were

http://www.w4amc.com

Co-chairs Thomas Styron, KB7L, and Richard Campbell, W4JNC, Ted Bertrand, KI4PWX, Brenda Bertrand, KJ4GDS, Terry Monday, K4ZYD, Peter Van Houten, KG4WEZ, Josh Steele, KB3VHK and Leigh Hileman, Bill Dawson, WA4SLC, Taylor Millar, W4WTM, and wife, Billie Millar, John McCoy, K4KBB, Gene Underwood, KE4JZU, Dave Langley, W4YDY, and PCC student Nathan Hatchel, KK4FRP.



ment log periodic antenna Some of the crew that set up the Field Day shelters, antennas and equipment. L-R, Thomas Styron, KB7L, Ted Bertrand, KI4PWX, Bill Dawson, WA4SLC, Terry Monday, K4ZYD, and Richard Campbell, W4JNC. KG4WEZ photo

If you are planning to go to the about 100 feet from the operating tent. Shelby Hamfest in Dallas, NC on Labor Day weekend, you had better reserve a motel now! The hamfest is less than a mile from Gastonia where a lot of motels are located. But the Democratic National Convention starts in Charlotte the day after the Terry Monday, K4ZYD, climbed hamfest and most of the rooms in Gastonia

The Shelby Hamfest web site has able in Kings Mountain, Lincolnton, Shelby, Hickory, NC and Gaffney, SC which will be a short drive to the hamfest." One that plans to go to the hamfest said nothing was available in Gastonia when called in June. A room was reserved in Shelby, 23 miles from the hamfest site.

If you plan to go to the Shelby

1001001

### June 19, 2012 BARC **VE Session Results**

Two applicants took and passed exams at the June 19 BARC VE session. BARC members Albert Sanchez, WA7FXB, Greenville, upgraded to Amateur Extra and John Johnston, Jr., KK4IUB, Fountain, upgraded to General. Congratulations to both for their accomplishment.

The VE's that attended were VE Liaison Ted Bertrand, KI4PWX, Thomas Styron, **KB7L**, Richard Campbell, W4JNC, Tom McLaughlin, KE4NQP, Dan Wallace, K4HMW, Terry Monday, K4ZYD, and Dave Langley, W4YDY.

The next regular VE session will be August 21, 2012.

### **New Amateur Extra** Class Question Pool **Effective July 1**



The new Amateur Extra class (Element 4) question pool -released by the National Conference of Volunteer Examiner Coordinators

(NCVEC) in January 2012 -- becomes effective on Sunday, July 1. The current Amateur Extra class pool expires on June 30, 2012 and cannot be used after that date. This new question pool -- including graphics and diagrams -- will remain valid until June 30, 2016. The new Amateur Extra pool contains 702 questions, from which 50 are selected for an Element 4 examination

As of June 13, three questions --E1D09, E2A14 and E6E10 -- have been removed from the new pool. The current Technician class question pool that became effective July 1, 2010 is valid through June 30, 2014. The current General class pool that became effective July 1, 2011 is valid until June 30, 2015.

### Ham Chatter

# **BARC Field Day 2012**



Nathan Hatchel, **KK4FRP**, and Josh Steele, **KB3VHK**, getting the tower ready while Ted Bertrand, **KI4WPX** and Thomas Styron, **KB7L**, set up the Tarheel Screwdriver in the background.



A great meal from Skylight Inn BBQ and fixing (including banana pudding) was enjoyed by everyone with a lot left over!



Nathan Hatchel, **KK4FRP**, PCC student and Thomas Styron, **KB7L**, keep 40 meters busy into the night.



Ted Bertrand, **KI4PWX**, and Richard Campbell, **W4JCN**, working stations on 40 meters.



Josh Steele, **KB3VHK**, and Brenda Bertrand, **KJ4GDS**, making contacts on 20 meters. She's having a great time.

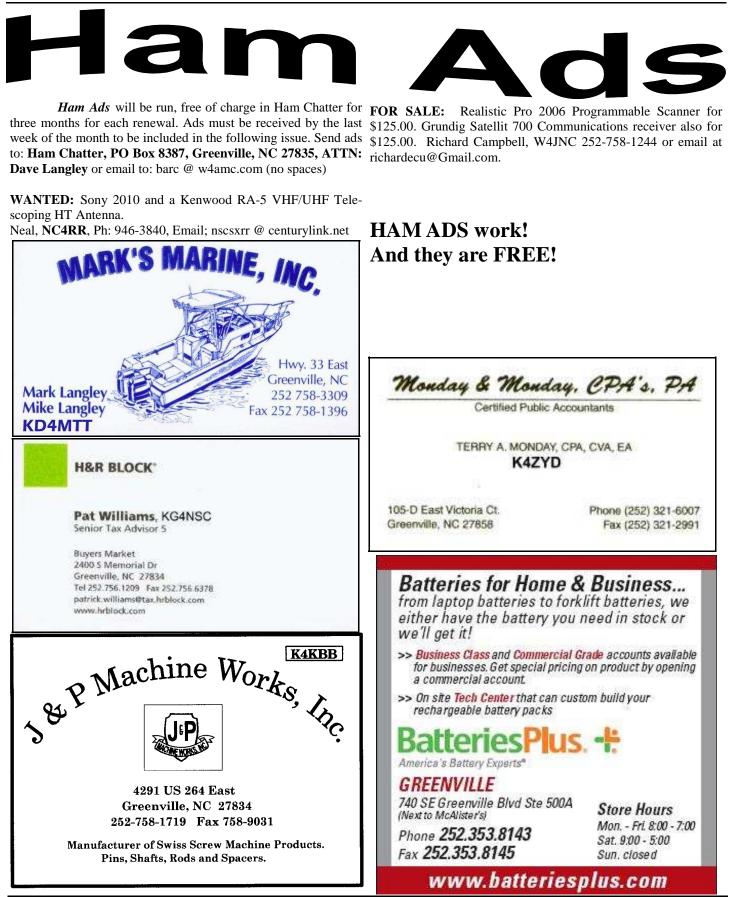


Early Sunday morning operations. A great time was had by all. *KI4WPX photo* 

### BARC on the Web:

http://www.w4amc.com

Ham Chatter



July 2012

# **BARC Meeting Minutes - June 2012**

**BARC** Meeting Minutes Date: June 12, 2012

Call to Order: 7:33 pm

President Richard Campbell, W4JNC, opened the meeting.

There were 18 members and 1 guest present as recorded in the sign in book.

Pledge of Allegiance: was recited by the club at large.

Minutes: The minutes from the May Board Meeting were approved as published in Ham Chatter.

Secretary's Report: Brenda Bertrand, KJ4GDS, had nothing to report.

Treasurer's Report: Ted Bertrand, KI4PWX, gave the report. Further information regarding the Treasurer's Report is available to members upon request.

Equipment: Ted Bertrand, KI4PWX, had nothing to report.

VE: Ted Bertrand, KI4PWX, reported that the next VE session is scheduled for Tuesday, June 19 at 6.30 pm at the VFW Lodge. Further information can be found on the BARC website. Health and Welfare: Richard Campbell, W4JNC, reported that the Well Wishes are as published in the Ham Chatter. We are thankful to see Stan Barney, KJ4GDR, present at tonight's meeting. Stan reports that he is recovering well from his recent surgery. Dave Langley, W4YDY, reported that Phyllis, wife of Bernie Nobles, WA4MOK, is continuing to improve. Our well wishes are extended to the wife of Hollis Thigpen, KC3X, who was recently hospitalized.

Ham Chatter: Dave Langley, W4YDY, reported that the club roster has recently been updated.

# **BARC Board Minutes - June 2012**



Minutes Date: June 26, 2012 Call to Order: 7:30 pm Members **Present:** President Richard Campbell, W4JNC; 1<sup>st</sup> VP John McCoy, K4KBB; Treasurer Ted Bertrand, **KI4PWX**; Secretary Brenda Ber-

**BARC Board Meeting** 

trand, KJ4GDS; Taylor Millar, W4WTM.

Minutes: The Board Meeting minutes published in the June Ham Chatter were approved as published.

Secretary's Report: Brenda Bertrand, KJ4GDS, had nothing to report.

Treasurer's Report: Ted Bertrand, KI4PWX, gave the report. Further information regarding the Treasurer's Report is available to members upon request.

VE: Ted Bertrand, KI4PWX, reported that the next VE session is August 21 at the VFW Lodge at 6:30 pm.

Equipment: Ted Bertrand, KI4PWX, had nothing to report. We discussed the disposition of old, unused equipment.

Health and Welfare: John McCoy, K4KBB, reported that Well

Publicity: Taylor Millar, W4WTM, reported that club meetings and upcoming VE sessions are reported in Sunday editions of the Daily Reflector.

Pitt County ARES: Bill Dawson, WA4SLC, encouraged anyone interested in being the Emergency Coordinator for Pitt County to contact him. The next Area 1 & 2 Meeting is Saturday, August 11 at 10.30 am at the Golden Skillet restaurant.

Public Service: Richard Campbell, W4JNC, had nothing to report.

Future Programs: Terry Monday, K4ZYD, reported that anyone interested in presenting or who has program ideas for July should contact him.

Old Business: Byron Highland, K4BMH, reported that the Down East Hamfest is June 30 at Lenoir Community College in Kinston.

New Business: Paul Fletcher, KS4YF, reported that on Thursday, July 19, there will be an emergency management drill with Newport weather service from 1:30 to 3 pm. Anyone interested should contact Paul.

Announcements: Nothing to report.

50/50 Drawing Winner: Terry Monday, K4ZYD.

Program: A program about Field Day was presented by cochairs Richard Campbell, W4JNC, and Thomas Styron, KB7L. Adjournment: 8:11 pm

Respectfully submitted by

Brenda Bertrand, KJ4GDS

Wishes are as published in the Ham Chatter.

Ham Chatter: Richard Campbell, W4JNC, had nothing to report.

Publicity: Taylor Millar, W4WTM, reported that announcements for upcoming club meetings and VE sessions are posted in the Daily Reflector.

Pitt County ARES: Richard Campbell, W4JNC, had nothing to report.

Programs: Richard Campbell, W4JNC, had nothing to report. New Members: Ted Bertrand, KI4PWX, reported no new members were presented.

Old Business: Richard Campbell, W4JNC, had nothing to report.

New Business: Field Day was amazing! Thanks to all who participated - Richard worked Hawaii twice on 15 meters! We had discussion about Field Day recommendations for next year. Our gratitude is extended to Field Day co-chairs Richard Campbell, W4JNC, and Thomas Styron, KB7L.

Announcements: Richard Campbell, W4JNC, had nothing to report.

Adjournment: 8.26 pm Respectfully submitted by

Brenda Bertrand, KI4GDS

## Amateur Radio License Class at PCC Starts August 16, 2012

Pitt Community College will be offering a revamped Electronic Communications (ELN234-71HY) class this fall that will basically be a preparatory class for obtaining a ham radio license. The ARRL Handbook and the ARRL License Manual will be the textbooks for the class. At the end of the class, exams will be offered to those actually wanting the ham license. The class will meet on Thursday nights at 6PM for 16 weeks, starting August 16th, 2012. The class will teach radio fundamentals related to ham radio, and will be filled with labs centered around actually using ham radios (HF, VHF, NETS and UHF) and digital equipment, using and building antennas, researching new technologies, and much more! Best of all, this class will count as 4 hours of college credit, applicable toward a future certificate or degree!

Seats in this class are very limited. Early Registration will open on July 16th, with normal registration available at the start of the semester.

For more information, please feel free to contact Prentice Tyndall, N4VBH. Info below

What: Electronic Communications (ELN234-71HY) night class

Where: Pitt Community College, AB Whitley building, room 222.

When: Thursday nights at 6PM, starting Aug. 16th, 2012 (Fall 2012 Semester)

Who: Those interesting in taking a class that teaches ham radio basics, how to operate real equipment on-the-air, and prepares me for the license exam.

Why: Learn a new hobby and obtain college credit during the process, hopefully encouraging you to further your education. It will also be simply fun.

Note: The PCC Amateur Radio Club has a fully operational ham radio station that will be used for this class. Here are some of our toys that you will learn to use: Icom IC-7600 HF/6m transceiver Icom IC-7000 HF/VHF/UHF transceiver Icom IC-736 HF/6m transceiver Yaesu FT-8900R Quad band VHF/UHF transceiver MFJ 949 Antenna Tuners (2) MFJ 259B SWR Antenna Analyzer Ham Radio Deluxe software Tigertronics Signalink USB Hy-Gain TH-3JRS Tri-band Yagi antenna Yaesu G-450 Antenna Rotator Comet Multiband VHF/UHF verticals (2) Hamstick portable antennas for HF bands Hustler BTV-5 Multiband Vertical Ramsey COM-3010 Radio Service Monitor various test instruments (o'scopes, counters, generators, meters, etc.) ...much more!

Hope to see you here this fall!

Prentice Tyndall, N4VBH Instructor and ARC Advisor Electronics Engineering Technology Pitt Community College AB Whitley, Office 229 (252) 493-7335

### **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!** 

#### 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, Thursdays @ 2000 on 146.76 MHz.
- Piedmont Coastal Traffic Net, Nightly ۲ 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

### 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 ٠ 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

	<b>Regular Meeting</b> IARU HF World Championship Cary Midsummer Swapfest
Jul 31	Board Meeting
Aug 14	
Aug 21	
Aug 30	HAM CHATTER DEADLINE Shelby Hamfest
Sep 11 Sep 25	Regular Meeting Board Meeting
Sep 27	HAM CHATTER DEADLINE CQ WW RTTY Contest

Oct 27/28 Oct 30 Nov 1 Nov 3/4 Nov 13	Maysville Hamfest BARC VE Session – TUESDAY CQ WW SSB DX Contest Board Meeting HAM CHATTER DEADLINE ARRL CW Sweepstakes Regular Meeting ARRL SSB Sweepstakes Benson Hamfest
Nov 27	

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 8:30 PM - 147.09 W4GDF REPEATER - 131.8 Tone BRIGHTLEAF AMATEUR RADIO CLUB STATIONS

## WIVOA - W4AMC - W4UHS

