

Ham Chatter



Amateur Radio
"only fail-safe system"
of communication
K4ZDH



Volume 47 Issue 3

An Official BARC, W4AMC, Publication

March 2013

Editor, Dave Langley, W4YDY

Email: barc@w4amc.com

NC QSO Party happenings

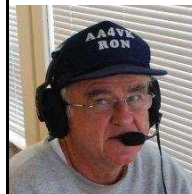
The NC QSO Party was held on Sunday, February 24th. BARC had planned to hold an antenna work party to repair a broken feed line at Voice of America Site C on Saturday, but rain pushed back the repair crew to working during the opening of the QSO Party on Sunday. BARC was a little later than others in getting on the air, but once our antenna situation was rectified, we made some solid contacts as **W1VOA** returned to the air once again.

Nikki Berry, **KF4CL**, did a wonderful job in racking up a good early start for BARC. By 5PM, Richard Campbell, **W4JNC**, and Josh Steele, **KB3VKH**, finished off the contest with good results. **W1VOA** made 130 QSO's during the 10 hour event, including most of the special event stations that operated during the contest.

We had approximately 9 members show up at some time or the other during the contest. Some of the other participants were Gerry Clayton, **K4IDD**, Erv Davis, **KK4HHY**, Doug Ferris, **K4ROK**, Paul Fletcher, **KS4YF**, and Nikki's daughter, Victoria Smith. Victoria is planning to take the Technician exam at the BARC April 16 VE Session. Thanks to everyone that participated including the ones that I didn't get the names. Sorry to those that were left out.



WA4DAN



AA4VK

Murray, and Ron will present the March Sable Island program

Next Meeting March 12, 2013

The Brightleaf Amateur Radio Club will have its regular meeting on Tuesday, March 12 at 7:30 PM at VFW Post Home 7032 on 1108 Mumford Road in Greenville. Program will be by Murray Adams, **WA4DAN**, and Ron Oates, **AA4VK**, about their **CY0 DXpedition to Sable Island last October**. All members, families and guests are invited to attend.

The next board meeting will be March 26 at 7:30 PM at VFW Post Home 7032 on 1108 Mumford Road in Greenville. All members invited.

February 19, 2013 BARC VE Session Results

Everyone upgrades to Extra!

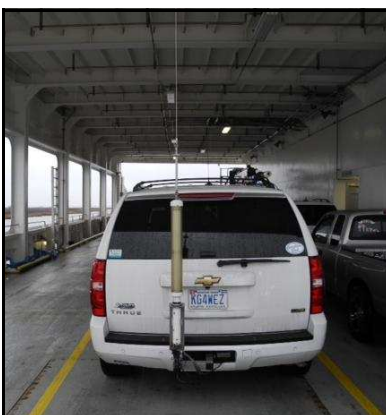
All three applicants took and passed the Amateur Extra exams at the February BARC VE session. James Edwards, **KC4YIP**, Winterville, upgraded to Amateur Extra from Technician passing the General and Amateur Extra exams. John Johnston, **KK4IUB**, Fountain, and Joseph Swigert, **N4JNC**, Farmville, upgraded to Amateur Extra from General. Congratulations to all for their accomplishment.

The VE's that attended were VE Liaison Ted Bertrand, **KI4PWX**, Richard Campbell, **W4JNC**, Dan Wallace, **K4HMW**, Thomas Styron, **KB7L**, Nikki Berry, **KF4CL**, Byron Highland, **K4BMH**, and Dave Langley, **W4YDY**.

The next regular VE session is scheduled for April 16, 2013.



Participants are having a good time working the North Carolina QSO Party. Nikki Berry, **KF4CL**, and her daughter, Victoria Smith at the keyboard, are busy logging contacts during the contest. Victoria plans to be testing for her license in April. **W1VOA** contacted 130 stations during the contest. - **KS4YF** photo



The **KG4WEZ/M** parked on the ferry for a 3 hour trip. Looks like Peter, **KG4WEZ**, and John, **K4KBB**, didn't get to Gilligan's Island since they got back. If they had encountered Ginger and Mary Ann, they would probably still be lost! Story on page 7. **KG4WEZ** photo

RED DOT

If you got the **RED DOT**, see page 3

ARRL Website Debuts New Features



With the vast majority of ARRL members using Internet e-mail to contact Headquarters, the Contact page on the ARRL website at <http://www.arrl.org/contact-arrl> has been completely revamped with e-mail links to a wide variety of individuals and departments. This will make it easier for members to contact the correct person or department according to the nature of their question or concern.

Also, there is a new Features and Columns page <<http://www.arrl.org/features-and-columns>> that conveniently organizes feature articles and regular columns for easy access. This page includes a link to a new Features Archive where members can browse through older feature articles by title. - via [ARRL.COM](http://www.ARRL.COM)



Top: John, **K4KBB**, getting radios ready.
Bottom: **KG4WEZ/M** leaving mainland.
Story on page 7. - *KG4WEZ photos*



Happy Birthday

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

- | | | |
|----|--------|-----------------|
| 9 | NW4S | Jeff Wainwright |
| 16 | KE4UUT | Michael Martin |
| 17 | KG4CZV | David Pulver |
| 30 | KJ4RGP | Cheryl McGuire |

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

Well Wishes

Thoughts and Prayers go out to the following:

Charlie Wells, K4SKI

Tom Parsons, W4TEP



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, April 16** 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. 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

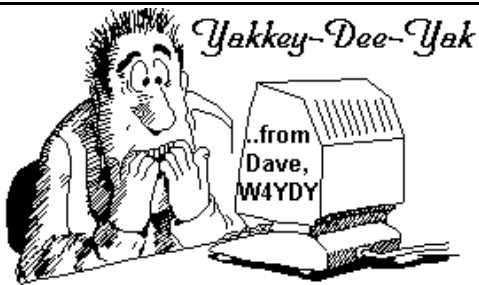
<http://www.pittares.com/>



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Hope most BARC members participated in the North Carolina QSO party. I know several did from their homes and also there was the usual operation from the old VOA Site C. A short article mostly by Josh Steele, **KB3VKH** is on the front page with a picture by Paul Fletcher, **KS4YF**.

Peter Van Houten, **KG4WEZ**, and John McCoy, **K4KBB**, had an overnighter on the outer banks. They went over on the Ocracoke ferry from Swan Quarter and visited lighthouses and the Wright Brothers Memorial on Saturday. They got down to business in the contest Sunday. They made mobile contacts from Dare and several other counties on the way back to Greenville. Story on page 7.

I made 124 contacts on 40 meters and 1 on 20 meters. 40 was really busy. I contacted 15 States and 57 North Carolina counties, including the 4 stations for extra points. Sent in the log via the RARS web site <http://rars.org/ncqsoparty/>. By the end of the week they had 147 logs on file. Deadline for logs is April 1. - **W4YDY**

Hammond Manufacturing to Take Over Dahl Transformer Line

Hammond Manufacturing of Cheektowaga, New York, has announced that it will take over the Peter W. Dahl line of transformers from Harbach Electronics. Upon his retirement in 2007, Peter Dahl, **K0BIT (SK)**, sold his company to Harbach Electronics, but earlier this month, that company announced that it would no longer support Dahl products and was in negotiations with other manufacturers to take over the Dahl product line of transformers and magnetics. According to both Harbach Electronics and Hammond Manufacturing, finalization of the acquisition and transfer of assets will take place over the next few weeks, with the transfer to be completed by March 31, 2013. *via ARRL.COM 02/27/2013*

Did you get the **RED DOT**? 2013 Dues - 2013 Dues - 2013 Dues

Membership dues for BARC are due January 1. **Those who have not paid their dues will not be listed on the roster and will be removed from the Ham Chatter mailing list starting in April.** Membership dues are the same as they were in 2012 and are as follows:

Regular Member \$20.00
Family Member \$2.00
Associate Member (Non-Licensed) \$5.00
Honorary Member \$0.00
New Hams: 18 and younger (1st year) \$5.00
New Hams: 19 and older (1st year) \$10.00

Please mail your dues, along with the member application form to: Brightleaf Amateur Radio Club, P.O. Box 8387, Greenville, NC 27835. We are requesting that you send the application form in so that we can have your correct information on file. The form can be downloaded from <http://www.w4amc.com/application.pdf>. If anyone has any questions concerning their membership status or their dues, please email Gerry Clayton, **K4IDD**, BARC Treasurer, at gclayton4@suddenlink.net (remove spaces in email address)

Thank you for your support and participation in BARC.

FCC Issues \$10,000 Fine to Missouri Man for Unlicensed Operation on 14.312 MHz

On February 25, the FCC issued a Notice of Apparent Liability for Forfeiture (NAL) in the amount of \$10,000 to Jared A. Bruegman, ex-**KC0IQN**, of Bolivar, Missouri. The FCC said that Bruegman "apparently and willfully violated Section 301 of the Communications Act of 1934, as amended by operating an unlicensed radio transmitter on the frequency 14.312 MHz in Bolivar, Missouri." Bruegman -- who does not currently hold an Amateur Radio license -- was operating in the phone portion of the 20 meter band that is assigned to the Amateur Radio Service on a primary basis; his Amateur Radio license expired in 2010. As a former Technician class licensee, he did not have privileges to operate in that portion of the 20 meter band when he held an Amateur Radio license.

In December 2012, the FCC's office in Kansas City received a complaint from an Amateur Radio operator, reporting interference on 14.312 MHz. Upon investigation, agents from that office heard a male voice transmitting on the frequency 14.312 MHz. Using direction finding equipment, the agents located the source of the radio frequency transmissions to a transmitting antenna mounted on a pole next to Bruegman's residence. The agents determined that the signals on 14.312 MHz exceeded the limits for operation under Part 15 of the Commission's rules and therefore a license was required to transmit. The agents further discovered that Bruegman did not hold a license to operate a radio transmitter on 14.312 MHz at or near that location.

The agents determined that the source of the transmissions was coming from an unlicensed radio transmitter from a bedroom in Bruegman's residence. "Mr Bruegman was the only person present in the bedroom and the only male in the residence during the inspection," the NAL stated. "Mr Bruegman admitted to the agents that he owned the radio transmitter. The agents observed that the transmitter was turned on and tuned to 14.311 MHz. Mr Bruegman told the agents that he had no current Commission licenses, but that he previously held an Amateur Radio license, call sign **KC0IQN**. Mr Bruegman told the agents he would remove the microphone from his transmitter and only use it as a receiver."

Section 503(b) of the Communications Act provides that "any person who willfully or repeatedly fails to comply substantially with the terms and conditions of any license, or willfully or repeatedly fails to comply with any of the provisions of the Act or of any rule, regulation, or order issued by the Commission thereunder, shall be liable for a forfeiture penalty." In addition, Bruegman was found to be in violation of Section 301 of the Communications Act, stating that "no person shall use or operate any apparatus for the transmission of energy or communications or signals by radio within the United States, except under and in accordance with the Act and with a license granted under the provisions of the Act."

Bruegman has until March 27, 2013 to pay the forfeiture in full, or file a written statement seeking its reduction or cancellation. - *via ARRL.COM 02/27/2013*

2013 Statewide Tornado Drill - Wednesday March 6, 9:30 AM

Newport Skywarn will be activated on Wednesday March 6th at 09:30 to take part in the NWS Severe Weather Awareness Tornado Drill. We will take checkins from all Weather spotters and all other Amateur Radio operators participating. We will use our round robin system of repeaters beginning with the Trenton-WB4TQD- repeater on 145.310 with an 82.5 Hz tone. We will use all other working repeaters using the same format as our Tuesday evening weekly Newport Skywarn practice net. If your primary repeater goes down, we encourage you to try one of the alternate frequencies available in your area. Thank you for all your help in making this test a success as Severe Weather Season is upon us.

John KJ4EJH Newport Skywarn EC
Janice KJ4JPE Newport Skywarn NCS

Following is statement from NWS

2013 Statewide Tornado Drill

North Carolina's annual statewide tornado drill for 2013 will take place on Wednesday, March 6, at 9:30 AM EST.

Every school, business, work place, and family across the state is strongly encouraged to participate in the statewide tornado drill.

Here are some key points to remember about the drill:

- The drill will be broadcast on NOAA Weather Radio and the Emergency Alert System via the Required Monthly Test (RMT). There will not be an actual Tornado Warning issued.

- This drill and RMT will take the place of the usual weekly NOAA Weather Radio Alert test (RWT). That is, there will not be a weekly radio test done between 11 AM and Noon on that day.

- Most NOAA Weather Radio receivers (including the Midland WR-100 that many schools have) do not sound an audible alert for the RMT product, but instead, may have a blinking light on the display to indicate that an RMT was received. As such, when the RMT for the statewide tornado drill is initiated at 9:30 AM on Wednesday,

March 6, 2013, there's a good chance that your NOAA Weather Radio will not sound an alarm.

- Since your NOAA Weather Radio may not sound an alarm at the time the RMT is issued, you will want to do one of the following: simply plan to start your tornado drill own your own at 9:30 AM; or, you can manually turn on your NOAA Weather Radio receiver and simply listen to the audio broadcast to hear when the RMT is issued, which will mark the beginning of the statewide tornado drill.

- There will be no followup statements issued by the NWS to mark the end of the statewide tornado drill. It will simply be over when your group, school, business, organization, or family feel that you have adequately practiced your tornado shelter procedures.

- If there is actual severe weather occurring on the morning of March 6, 2013, the statewide tornado drill will be postponed. The alternate date for the drill is Friday, March 8, 2013 at 9:30 AM EST.

Ham Radio in Hollywood: Last Man Standing to Feature Ham Radio in Upcoming Episode

In an episode to air in mid-March, the hit ABC comedy *Last Man Standing* -- starring Tim Allen as Mike Baxter, KA0XTT -- will prominently feature scenes with cast members using Amateur Radio. This episode will be the first episode to feature Amateur Radio since the middle of the show's first season.

According to *Last Man Standing* Producer John Amodeo, NN6JA, the episode called "The Fight" will feature several of the regular cast members talking on the radios. "I can't say much about the episode right now," Amodeo told the ARRL, "But this episode has the most significant use of Amateur Radio in a TV comedy since Herman Munster, W6XRL4, got his ham license." Fans of 1960s television will remember the episode of *The Munsters* (originally aired January



The shack on the TV show "Last Man Standing"

21, 1965) when Herman, on his ham radio, overheard children using walkie-talkies who were pretending to be Martians.

"In addition to the original KA0XTT station in Mike Baxter's work

office, viewers will get to see Mike's ham shack in the basement of his home," Amodeo explained. "A cast member will also be calling in from a portable HF radio while hiking along the Amazon." The ARRL provided many of the awards -- including 5 Band DXCC, 5 Band Worked All States, 5 Band Worked All Continents and VUCC -- that are on Mike Baxter's home shack wall. The episode, which was filmed February 12, will also feature Richard Karn. Fans of Allen's former show *Home Improvement* will remember Karn as Al Borland.

Last Man Standing is produced by 20th Century Fox for the ABC Television Network and airs on Friday nights at 8 PM Eastern and Pacific and 7 PM Central. - via ARRL.COM 2/13/13

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.

For Sale: 2 laptops & TV

1 - Gateway 17" NV78 Dual Core Processor T6600, 500 GB HD, 4 GB Memory, Microsoft Office, Program for Yaesu FT 897 & FT 8800

2 - Acer 17" 77412-4815 Intel Pentium P6100 Processor, 500 GB HD, 4 GB DDR3 Memory, Same programs as above Will Take \$300.00 for each one


3 - Insignia LCD flat screen TV, 24 Inch, Hardly used, 2012 model. Model: NS-24LD100A13, \$150.00

Bernie Nobles, **WA4MOK**, wa4mok@embarqmail.com

For Sale: Kenwood TS-850 transceiver with: CW filters, mike, power cords, manual and original box: **Reduced Price!** \$700.00. Kenwood SP-520, Speaker: \$30.00. Kenwood MC-50 desk mike (with connector cable): \$60.00.

Murray, **K4MHM**: mmmm0320@gmail.com

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BARC Meeting Minutes - February 2013

BARC Meeting Minutes

Date: February 12, 2013

Call to Order: 7:32 pm

President Richard Campbell, **W4JNC**, opened the meeting.

There were 32 persons present as recorded in the sign in book. Highest attendance since 2010.

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

Visitors: BARC welcomes Marty Young, **W4MY**, Kimberly Young, and Dwayne Ayers, **N4MIO**.

Secretary's Report: Ted Bertrand, **KI4PWX**, had nothing to report.

Treasurer's Report: Gary Clayton, **K4IDD**, 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, February 19 at 6.30pm at the VFW Lodge. Further information can be found on the BARC website.

Health and Welfare: Nothing to report.

Ham Chatter: Dave Langley, **W4YDY**, reported that members who have not paid dues will receive the dreaded red dot in the next Ham Chatter.

Publicity: Taylor Millar, **W4WTM**, reported that club meetings and upcoming VE sessions are reported in Daily Reflector.

Pitt County ARES: Bill Dawson, **W4SLC**, reported that last Saturday there was an Area 1 & 2 meeting and approximately 20 people attended. The next meeting is scheduled for Saturday,

May 11. Byron Highland, **K4BMH**, reported that he will meet with Noel Lee (Pitt County Emergency Coordinator) to discuss Pitt ARES assets.

Public Service: Josh Steele, **KB3VKH**, is asking for volunteers to provide radio communications for March 2 during a trail run as A Time For Science in Ayden. Contact Josh for more information. Richard Campbell, **W4JNC**, asked for volunteers for the "Odyssey of the Mind" in April. Contact him for further information.

Future Programs: Terry Monday, **K4ZYD**, reported that next months program will be presented by Murray Adams, **WA4DAN**. He will discuss his recent DX-expedition.

Old Business: None brought forth.

New Business: None brought forth.

Announcements: RARS Fest is March 30. Charlotte Ham Fest is March 8. The 23rd Annual Down East Ham Fest will be in Kinston April 27.

50/50 Drawing Winner: Bill Finch, **W4EHF**

Program: Marty Young, **W4MY**, presented a program on the North Carolina QSO Party. The BARC birthday party was then celebrated with cake and ice cream.

Adjournment: 9:35 pm

Respectfully Submitted by

Ted Bertrand, KI4PWX
BARC Secretary

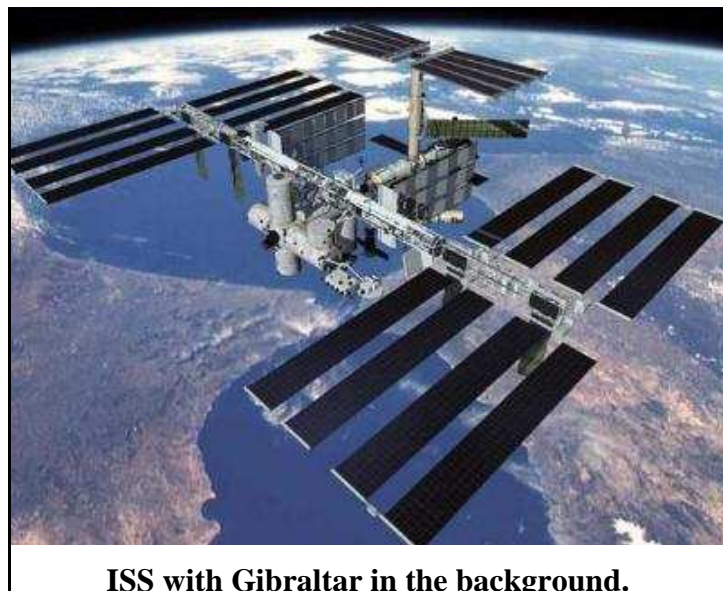
BARC Board Minutes - February 2013

There are no board minutes for the February meeting. No official meeting since a quorum was not met.

International Space Station Experiences Loss of Communications with Ground Control

At approximately 9:45 AM EST (1445 UTC) on Tuesday, February 19, the International Space Station (ISS) experienced a loss of communication with the ground. At that time, flight controllers in Houston were updating the software on-board the ISS's flight computers when one of the ISS's data relay systems malfunctioned. The primary computer that controls critical station functions defaulted to a backup computer, but it did not allow the ISS to communicate with NASA's tracking and data relay satellites.

Mission Control at Johnson Space Center in Houston, Texas was able to communicate with the crew as the ISS flew over Russian ground stations before 11 AM EST (1500 UTC) and instructed the crew to connect a backup computer to begin the process of restoring communications. Once communication was re-established, Expedition 34 Commander Kevin Ford, **KF5GPP**, reported that the ISS's status was fine and that the crew was doing well. Communication systems were restored as of 12:34 PM EST. -- Thanks to NASA for the information via ARRL.COM 02/19/2013



ISS with Gibraltar in the background.

NC QSO Party Experience at OBX

by Peter Van Houten, KG4WEZ, and John McCoy, K4KBB

'Twas the week before the big day and two creatures had an idea! Why not go to a remote location like Dare county and create a pile up? The presentation by Marty Young, W4MY, at the BARC meeting in February sparked the idea and got the thinking going. Maps were pulled out and routes to Dare county and back again were mulled over. Should we go to Manteo first in the morning and return in the afternoon? That would have been close to 250 miles or more leaving not much time to stop and transmit. We thought about where we should stop, should we work mobile or expedition? Which antennas? Which radios? Ohh what questions... Then there was the question of the ferry, do we take the boat to Ocracoke and then drive to Kitty Hawk? If we do that, then we need to stop at the Wright brothers museum as I had not been there after living in NC for 25 years! Oops, this is turning into a two day trip fast. So much for planning.

Of course all the options were loaded into the car as no final decision could be made. The older Tarheel antenna (model 200) and the turbo tuner were re-installed into the car. The tuner was acting flaky therefore a manual option was found just in case it did not work (as the turbo did fail). The Icom 706MkIIG was in the car and the Elecraft K2 in the trunk. Three collapsible long fiberglass poles were strapped to the roof incase we decided to work from the beach location with a multi band dipole antenna. Logging software was Ham Log on the iPad and pencil and paper as a backup. Clothing and lunch was also packed. Three high capacity 12v batteries were connected in the trunk. The tires should have been inflated more as they were kind of flat on the bottom.

Saturday 7:30AM was departure time to be able to get to the ferry on time at Swan Quarter for a 10 AM departure. There were only seven cars and trucks on the ferry. Once loaded on the ferry, there was three hours to kill. Checking radios and making some "marine" QSO's were done. All the time it was over cast and raining. Weather fit for a duck. We checked out what \$15 fare on the NC Ferry system brings and was most impressed. The boat was very clean, painted and in excellent shipshape and the crew was obviously very professional. Most impressed. Only if the weather was better. Once in Ocracoke, we took photos of the light house in the rain and drove on to Kitty Hawk and another ferry ride. Once in Kitty Hawk, we visited the Wright brothers museum and had the tour. Dinner was at Awful Arthur's oyster bar, a local hangout where we ran into Hank, probably the owner. He had the desire to try ham radio since being a teenager but life and the responsibility of family and work had stopped him. He recognized the big antenna on the car and new friends were made.

The big day came and the motel on the beach was abandoned. The mist and dampness from the cold water off shore made setting up the dipole less appealing so we went for the mobile category. Sitting in the parking lot on the beach, 40m was tried and many contacts were made. The pile up of stations did not occur as we had hoped as mobile antennas do not have the sensitivity as a larger antenna might have. A good steady stream of contacts were made however. The battleship and other bonus point stations were contacted. Could not get Cherokee county stations but could hear them. Managed to contact Josh, KB3VKH, and the W1VOA crew though the high noise levels. By lunch, it was time for a break and a short trip to a kite shop made it interesting. Looking for a large enough kite to fly a 160m wire antenna was sought but not found. From Dare county we started our trip into Tyrell, Washington, Martin and finally Pitt county making contacts all the way. Dropping off John, K4KBB, at his home at about 5PM in Greenville. On the way home the elusive Cherokee county station was reached on 80m. An end to a great trip.

Next year the planning of the trip and testing of the gear has to start earlier. There is some talk of making the W1VOA station a bonus special event station at the NC QSO party. I have to thank the organizers of the NC QSO party (Marty Young and crew) for their efforts and hard work. Stay tuned for more news.

73 from the intrepid explorers John, K4KBB, and Peter, KG4WEZ.

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email barc@w4amc.com

Help support *Ham Chatter* and the club.

Donations accepted!

NETS

VHF

- ◆ BARC Net, Mondays, 2000 on 147.09 MHz, W4GDF Repeater.
- ◆ Pitt County Emergency Communications Net, Mondays, 2030 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 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 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

Mar 12	Regular Meeting	Jun 18.	BARC VE Session – TUESDAY
Mar 16/18.	BARTG HF RTTY Contest	Jun 22/23	ARRL Field Day
Mar 26	Board Meeting	Jun 25.	Board Meeting
Mar 30	RARSFest - Raleigh	Jun 29.	HAM CHATTER DEADLINE
Mar 30	HAM CHATTER DEADLINE	Jul 9	Regular Meeting
Mar 30/31.	CQ WW SSB WPX Contest	Jul 13/14.	IARU HF World Championship
Apr 9.	Regular Meeting	Jul 20	Cary Hamfest
Apr 16.	BARC VE Session – TUESDAY	Jul 30	Board Meeting
Apr 27.	Down East Hamfest - Kinston	Aug 3	HAM CHATTER DEADLINE
Apr 30.	Board Meeting	Aug 13	Regular Meeting
May 4	HAM CHATTER DEADLINE	Aug 20	BARC VE Session – TUESDAY
May 14	Regular Meeting	Aug 27	Board Meeting
May 25/26.	CQ WW CW WPX Contest	Aug 31/Sep 1	Shelby Hamfest
May 28	Board Meeting		
Jun 1.	HAM CHATTER DEADLINE		
Jun 11.	Regular 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 8:30 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



**March 2013
Next Meeting
March 12**

To:



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