

Ham Chatter



Volume 48 Issue 9

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September 2014

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CY0C - One-Day DXpedition to Sable Island WA4DAN, VE1RGB, and N0TG

A team consisting of BARC member **WA4DAN**, **VE1RGB**, and **N0TG**, each of whom have previously operated from Sable Island, plan to depart from Halifax, Nova Scotia, weather permitting, around 1115Z on **Monday, September 8**. Departure from Sable Island is planned for 2245Z, which should allow for approximately 8 hours of operating time.

The special call sign, **CY0C**, has been issued for this operation.

At the moment, the policy of Parks Canada is that "... visits to Sable Island shall be restricted to daylight hours only..."

Since the new Parks Canada policy requires departure at the end of the day of arrival, one of the objectives of the **CY0C** DXpedition is to assess the feasibility and practicality for future one-day ama-

teur radio DXpeditions to Sable Island..

For this operation, **N0TG** will primarily operate CW on 17 and 30 meters while Murray Adams, **WA4DAN** will operate SSB on 20 meters. **VE1RGB** will take the lead in assessing the operations and determine technical methods and operational techniques to improve efficiencies. A detailed "feasibility assessment" with recommendations that, hopefully, could encourage future groups to consider one-day DXpeditions, will be shared with the DX community.

Parks Canada confirmed there are two available days for the team to access the island. The primary date is Monday, September 8, with a back-up date of Tuesday, September 9. If flights are not possible on those two dates, the DXpedition will have to be canceled. Due to operational requirements, Parks Canada advised there are no other openings on the schedule for this year. 9/1/14 - via cy0dexpedition.com



Next Meeting – September 9, 2014

The Brightleaf Amateur Radio Club will have its regular meeting at 7:30 PM on Tuesday, September 9, at VFW Post Home 7032 on 1108 Mumford Road in Greenville. Program will be by the ARRL NC Section Manager, Karl Bowman, W4CHX. He will present an overview of the activities in the NC Section followed by Q&A. If time permits, he will present info on the Collins general coverage receivers. All members, families and guests are invited to attend.

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

August 2014 BARC VE Session Results

Two applicants passed their exams at the August 19 BARC VE session. One upgraded to Extra and one passed the Technician exam.

Joseph E. Towell, **KK4SFE**, Tarboro, NC, upgraded to Amateur Extra. Jay Oswald, Greenville, passed the Technician exam and he received **KM4DXX** August 26. Congratulations to both for their accomplishment. Also, Jay joined the Brightleaf ARC and Joseph completed an application and plans to join at the September meeting. 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**, Richard Campbell, **W4JNC**, and James Lewis, **AK4MU**.

The next VE session will be October 21, 2014.

BARC booth at Boy Scout function

The Brightleaf ARC had a demonstration at a Boy Scout function August 9. A station was set up by Bernie Nobles, **WA4MOK**, and he made several contacts. He had two stations in portable cases for use in emergencies. Also displayed were 2 HF transceivers from 1959 and 2006. One was set up for the scouts to try Morse code.

Many scouts and leaders came by and also picked up flyers about Amateur Radio and scouting. Bernie, **WA4MOK**, Terry Monday, **K4ZYD**, and Dave Langley, **W4YDY**, set up the demonstration and worked the booth.



Some young scouts trying out the Morse code keyer.

NASA Astronaut Steven R. Nagel, N5RAW, SK



Allowing the Challenger disaster in January 1986 that killed seven astronauts, Nagel was part of the effort to develop a crew escape mechanism.

"This was my best time at NASA, actually," Nagel once said in an interview for the space agency. "Nothing I ever did was more fulfilling than that 2 years, to be honest, even flying." Nagel logged 723 hours in space.

One of his last public appearances was at the 2013 ARRL Midwest Division Convention in Lebanon, Missouri, where he spoke to nearly 300 students at Lebanon schools, did a presentation about the first half-century of spaceflight, and took part in a youth forum with Carole Perry, WB2MGP.

Nagel retired from the Air Force and the Astronaut Office in 1995 and went to work for Johnson Space Center in Houston. A year later, he transferred to NASA's Aircraft Operations Division as a research pilot. He retired from NASA in 2011 and joined the faculty of the University of Missouri at Columbia.

Survivors include Godwin and their two daughters. — Thanks to NASA, NPR, ARRL Midwest Division Newsletter - via ARRL.ORG 08/27/2014

ham Space Shuttle crew aboard Atlantis with Kenneth Cameron, KB5AWP; Jay Apt, N5QWL; Linda Godwin, N5RAX — whom he later married — and Jerry Ross, N5SCW, during the SAREX (Shuttle Amateur Radio EXperiment) program, the forerunner to ARISS. In all, Nagel flew on four Shuttle missions in the 1980s and 1990s.

Nagel joined the Astronaut Corps in 1979 and was the pilot on the last successful mission of Challenger in the 1980s, the only time eight people were launched into space aboard the same spacecraft. Fol-

Next VE Session

The next Brightleaf Amateur Radio Club VE session will be held **Tuesday, October 21** 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!



Happy Birthday

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

- | | | |
|----|----------------|---------------------|
| 1 | KG4NSC | Pat Williams |
| 1 | KC4ROR | Rose Wainwright |
| 2 | W4JCS | John Sutherland |
| 5 | KQ2V | Bro. Simon Jaworski |
| 6 | KD4MTT | Mike Langley |
| 7 | KG4ZVM | Brad Brechtelsbauer |
| 8 | N4JNC | Joe Swigert |
| 14 | WA4DAN | Murray Adams |
| 20 | W4FA | John Schultz |
| 24 | exW4OZV | Hassell Bailey |
| 26 | KC4HHW | Billy Elks |
| 29 | WA7FXB | Albert Sanchez |
| 29 | KC3X | Hollis Thigpen |



Well Wishes

Thoughts and Prayers go out to the following:

Charlie Wells, K4SKI

Tom Parsons, W4TEP

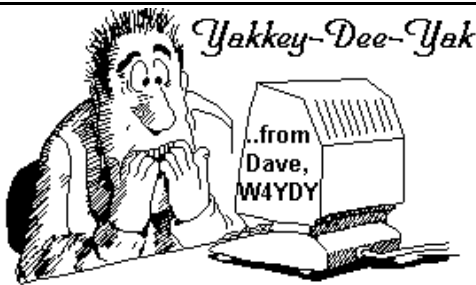
Please inform John McCoy, [k4kbb @ earthlink.net](mailto:k4kbb@earthlink.net) of any changes.



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Amateur Radio operators that have looked for a house in recent years have had a problem trying to find a location in housing developments that allowed radio antennas and towers. In 1985 the FCC issued PRB-1 preempting state and local restrictions, but not private restrictions.

When I was looking for property in the early 1990's in Pitt County, it was a real problem finding a location to put my 60 foot tower. I was looking for property just outside of Greenville but most developments restricted antenna structures over 20 feet or restricted any outside antenna. We found a lot over 3 miles from the city limits of Greenville that we liked and the

developer had a home there also. When we asked about antenna limits, he said there were no limits. So he got the covenant out and we read it together. There was a paragraph that stated that no antenna could be over 20 feet high. He said he was surprised! He said he just copied someone else's covenant and didn't realize there was such a restriction. We did not buy a lot there. It was a deal breaker for us.

After searching for over 2 weeks, we found property in a new startup development that only had restrictions on big



satellite dishes, 10 foot diameter or so. He did ask that I put the tower in the edge of

the woods on the back of the lot. It worked out pretty good because I have talked to others that have been by here many times but never noticed the tower or beams. It blends into the woods. - W4YDY

BARC 2015 Officer Nominations

The Nominating Committee nominated the following for BARC 2015 Officers:

President: Terry Monday, **K4ZYD**

1st VP: Gerry Clayton, **K4IDD**

2nd VP: John McCoy, **K4KBB**

Secretary: Irv Davis, **KK4HHY**

Treasurer: Jeff Meyer, **K4DKW**

2 Trustees: Richard Campbell, **W4JNC** and Morris Lewis, **AK4MU**

If any club member is interested in an office, let the nominating committee know. If you nominate someone, get their permission first. Nominations will be closed at the end of the September 9 meeting. Ballots will be printed for the November election if there are additions.

Bernie Nobles, **WA4MOK**, John McCoy, **K4KBB**, Terry Monday, **K4ZYD**, and Dave Langley, **W4YDY** are on the Nominating Committee.

HR 4696 Amateur Radio Parity Act of 2014 and the ARRL Grassroots Campaign

In July, 2 email communications were sent to the ARRL members in the NC Section; and, a long article was published in the newsletter about HR 4969 Amateur Radio Parity Act of 2014 and the grassroots campaign, which is currently underway. There are 2 parts to the grassroots campaign: letter-writing by individual ARRL members; and, small group meetings with Members of Congress or their staff, at or through their district offices. The goal of the grassroots campaign is to gain co-sponsors for the Bill.

If HR 4969 were enacted, it would direct the FCC to extend the reasonable accommodation protections to those amateurs who are living in deed-restricted communities. Covenants, conditions and restrictions (CC&Rs) are the prohibitions and limitations placed on properties by builders or home-owner associations (HOAs), which prevent licensed Amateurs from erecting even modest antennas. HR 4969 would not give Amateurs "carte



blanche" to do whatever they wished. It would require HOAs and other private land use regulations to extend reasonable accommodation to Amateurs wishing to erect antennas.

Important information regarding the HR 4969 grassroots campaign has been posted on the ARRL website. The link is located on the homepage under the heading, "What's Popular". Click on "HR-4969" and you will be directed to the webpage, <http://www.arrl.org/hr-4969> On the HR-4969 webpage, you will find information on the Bill and what it will do; how you can help get the Bill passed; who is your Congressperson; where your letter should be sent; the key "talking points" you should know when discussing the Bill; and, the list of co-sponsors.

Presently, there are seventeen (17) co-sponsors for HR 4969, including 2 Representatives from North Carolina: Mike McIntyre (D-NC-7); and, Walter B. Jones, Jr. (R-NC-3). It will be important to gain additional co-sponsors for the Bill and

those efforts are continuing. At least 2 groups of hams have met with their Representative, or a member of their Representative's staff, during the last 2 weeks.

From the standpoint of ARRL-affiliated clubs and individual ARRL members, it is hoped that decisions have been made about the grassroots actions that are going to be done, and letters have been prepared and mailed. If you are still thinking about getting involved, please do so. It is not too late! Also, please note that specific "talking points" need to be included in your letter, see <http://www.arrl.org/hr-4969> If you have specific questions about HR 4969 and/or the grassroots campaign, particularly if you are making arrangements to meet with your Representative, please do not hesitate to contact me.

You are encouraged to monitor the news section of the ARRL website for updates. Also, please consider subscribing to the ARRL Legislative Update, which can be done via Edit Email Subscriptions on your ARRL website account. Thanks for all that you are doing for the HR 4969 grassroots campaign! - via ARRL North Carolina Section newsletter - SM Karl Bowman, W4CHX

ARRL Board Lauds "Unforgettable Milestone," Formalizes LoTW Policy

The ARRL Board of Directors dealt with a variety of matters when it met in Hartford, Connecticut, on July 21 and 22. ARRL President Kay



ARRL President Kay Craigie, N3KN, presided at the July 2014 Board meeting. [Harold Kramer, WJ1B, photo]

Craigie, N3KN, chaired the session. Reflecting the afterglow of the ARRL National Centennial Convention that concluded a couple of days earlier, the Board commended and thanked the ARRL staff and Convention volunteers for "their devotion and service, contributing to a truly memorable celebration of this unforgettable milestone in the life of the ARRL." The resolution took note of the "countless" hours staffers spent, in addition to their routine responsibilities, preparing for and running the convention. The Board also cited the essential role of "many dedicated volunteers" before, during and after the convention.

Emergency Communications

Citing the inspiring Convention Banquet speech by Federal Emergency Management Agency (FEMA) Administrator Craig Fugate, KK4INZ, the Board resolved to reaffirm its "commitment and desire to further improve and enhance Amateur Radio's participation and standing in emergency communications for the

benefit of the nation's emergency response agencies and the American public." During the convention, the ARRL and FEMA signed a Memorandum of Agreement that, the resolution said, would "strengthen FEMA's partnership with ARRL and build upon our work to expand emergency communications capabilities and the use of Amateur Radio in emergency management."

Logbook of The World

The Board adopted an updated policy for the League's popular Logbook of The World (LoTW) service. The new statement largely formalizes long-standing and existing policies and procedures. To maintain LoTW's security, the policy states that in the event a call sign certificate is shown to have been compromised, "all contacts submitted with that call sign certificate will be removed from LoTW, all confirmations generated by those contacts will be invalidated, and all award credit generated by those confirmations will be revoked." LoTW users who allow their certificates to be compromised or who "knowingly exploit" compromised certificates may lose the privilege of using LoTW and participating in ARRL awards programs.

"The integrity of LoTW must support the prestige of those awards that depend on it, such as DXCC," the policy states. "The goals of 'ease of enrollment' and 'ease of use' must be balanced against the requirement of maintaining an extremely high level of integrity."

The policy calls on ARRL's Information Technology Department "to keep the processing queue as short as possible," but added that speedy processing is secondary to LoTW's primary goal of authenticating contacts and that LoTW "is not guaranteed to be a 24/7 application."

The policy says that while fees currently are only required when contact credits are redeemed toward supported awards, "Premium services may be developed for LoTW which would require user fees."

Also related to operating awards, the Board agreed to modify some DXCC Rules to clarify the appointment procedure and eligibility of DXCC card checkers.

Referred to Committee

The Programs and Services Committee (P&SC) is to closely examine the issue of remotely controlled stations, noting that these "pose both opportunities and challenges." The P&SC would "consider the possible advantages, disadvantages, and any potential ethical issues as they relate strictly to the DXCC program" and report its findings by the Board's January 2015 Annual Meeting.

The Executive Committee is to study the possibility of seeking limited RTTY/data privileges for Technician licenses on 80, 40, and 15 meters.

Other Business

In other business, the ARRL Board of Directors:

voted, without offering specifics, to support "a significant increase in the resources directed to generating new amateurs, with particular emphasis on increasing diversity." The ARRL staff was directed to propose a course of action to meet that goal.

voted to have ARRL staff work with the Programs & Services Committee to design and implement a web-based reporting system to gather information on activities performed by Field Organization volunteers. - *via ARRL.ORG.*

W1AW Centennial QSO Party



Please don't forget that the 100th anniversary of the ARRL is still being celebrated! The W1AW Centennial QSO Party is

still "on the air" and it consists of two main activities: 1) portable operation of W1AW in each state and most territories; and, 2) The Centennial Points Challenge which is the accumulation of points from qualifying contacts made throughout 2014. For further information on the W1AW Centennial QSO Party, see <http://www.arrl.org/centennial-qso-party> - *via ARRL North Carolina Section newsletter - SM Karl Bowman, W4CHX*

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: I know of three towers for sale.

- 1) I have 50 feet of Rohn 55-G for sale. Good condition with no rust.
- 2) 90 feet of Rohn 25-G for sale. Good condition.
- 3) 100-foot self-supporting Tower for sale. Good condition. Tower is in five, 20 foot sections. Bottom section has a three-foot face.

Murray Adams, WA4DAN
murray.adamstower @ embarqmail.com

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252 758-3309
Fax 252 758-1396

Mark Langley
Mike Langley
KD4MTT


H&R BLOCK

Pat Williams, KG4NSC
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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BARC Meeting Minutes - August 2014

BARC Meeting Minutes - August 2014

Date: 8/12/14

Call to Order: 7:30 pm 10 members present

Secretaries Report: None

Treasurer's Report: PO box rental and insurance due

Equipment Report: Nothing to report

VE Session: Next VE session to be Aug. 19th at 6:30 at VFW

Health and Welfare: Al Waters, N4ARW, passed away, John Johnson, NC4JJ, passed away, Doug Ferris, K4ROK, having back problems

Ham Chatter: Dave Langley reported he loves doing Ham Chatter and would like to continue as editor for life. (*Editors note: The acting secretary had a brain freeze. It was ZYD, not YDY!*)

Public Service: Dave Langley, W4YDY, Bernie Nobles, WA4MOK, and Terry Monday, K4ZYD, setup at booth at the Boy Scout Expo. Talked to several scouts

and leaders about ham radio.

Old Business: None

New Business: Club voted to approve purchase of CW filters and triplexer.

Program: John McCoy, K4KBB, presented program on Biltmore House.

Adjournment: 9:00 pm

Respectfully submitted by:
Terry Monday, K4ZYD
Acting Secretary

BARC Board Meeting Minutes - Aug 2014

BARC Board Meeting Minutes



Date: 8/26/14

Call to Order: 7:35 PM 9 members were present. Richard Campbell, W4JNC, Gerry Clayton, K4IDD, Erv Davis, KK4HHY, Dave Langley,

W4YDY, Morris Lewis, AK4MU, John McCoy, K4KBB, Taylor Millar, W4WTM, Terry Monday, K4ZYD, Albert Sanchez, WA7FXB

Secretaries Report: N/A

Treasurer's Report: N/A

Equipment Report: Dunstar filters for FT-897D \$104.50 each x3. Rigblaster Pro \$254.95. Band pass Filters \$73. Triplexer \$195. Will vote at next club meeting.

VE Session: Held August 19th. Two applicants passed exam. Joseph E. Towell, KK4SFE, Tarboro, NC, upgraded to Extra and Jay Oswald, Greenville, passed the Technician and he was assigned call sign KM4DXX on August 26. Congratulations to both for their accomplishment.

Jay joined the Brightleaf ARC

and Joseph completed an application and plans to join at the September meeting. 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, Richard Campbell, W4JNC, and James Lewis, AK4MU.

Health and Welfare: Charlie Wells, K4SKI, moved to a new nursing home.

Ham Chatter: In preparation this week.

Publicity: Announcement for September meeting to be put in Daily Reflector.

Public Service: No events coming up soon.

Future Programs: September: Karl Bowman, W4CHX, NC Section Manager. Program to be on NC Section and Collins radios.

Old Business: N/A

New Business: Nominating committee for club officers to meet this week. Suggestions for nominations made. Ideas for increasing meeting attendance and club involvement discussed.

Announcements: N/A

Adjournment: 8:00 PM

Respectfully submitted by:

Erv Davis, KK4HHY

Summits-on-the-Air Activity Weekend is September 13-14

North America Summits on the Air (SOTA) Activity Weekend 2014 is a casual event in which summiting radio amateurs (called "activators") use tiny battery-powered radios to work home-based operators (called "chasers"). This year's event, September 13-14, is aimed at introducing SOTA to newcomers. There are no rules regarding power levels, modes, or bands.

SOTA operators have climbed mountains as high as 14,000 feet. They run low power, and they don't operate split, so operator courtesy is paramount.

The SOTAwatch2 website offers information regarding what stations are on which mountains. Summits are numbered, and mousing over the number will reveal the name and point value for each summit.

Activity typically concentrates near 7.032, 7.185, 10.110, 14.061, 14.342, 18.095, 18.155, 21.061, 21.350, 24.905, 24.955, 28.061, 28.420, 146.52, and 446.00 MHz. Participants collect points toward SOTA certificates and trophies. -- Thanks to Elliott Pisor, K6EL



FCC Ups the Ante in Proposing Huge Fine on CB Operator



Right on the heels of a whopping \$14,000 proposed forfeiture for a Florida CBER for failing to allow a station inspection, the FCC Enforcement Bureau is recommending a \$22,000 fine for a New York CBER. The FCC issued a Notice of Apparent Liability (NAL) in the case of James Engle of Lewiston, New York, on August 28, alleging that he interfered with the communications of other CBERs, operated with an external linear amplifier, operated without authorization, and disregarded earlier FCC warnings.

“Mr Engle was warned repeatedly in writing by the Enforcement Bureau that his actions violated the law, and his apparent disregard for the Commission’s authority warrants an increased penalty,” the FCC said in the NAL.

The FCC said that last October 23, agents from the Commission’s Philadelphia office, responding to a complaint from a CB operator on 27.325 MHz, CB channel 32, tracked the interfering transmissions to Engle’s station and “heard him repeatedly interrupt ongoing transmissions of another CB operator.” The following day, the agents inspected Engle’s CB station and discovered two linear RF amplifiers. The FCC said Engle “admitted that he used one of the power amplifiers” the previous night. Testing showed the unit was

capable of putting out nearly 150 W. The FCC pointed out that while its Part 95 rules do not require individual CB operators to obtain licenses, CBERs who operate “in a manner that is inconsistent with the CB rules” are required to have an FCC authorization. “The Commission will presume an individual has used a linear or other external RF power amplifier, if the amplifier is located on the individual’s premises,” the NAL said, “and if there is other evidence showing that a CB station was operated with more power than allowed by the Rules.” FCC rules also prohibit using an external RF amplifier with a FCC-certificated CB transmitter.

Transmitting without FCC authorization merits a base forfeiture of \$10,000, the FCC noted, while the base forfeiture for interfering with other communications is \$7,000.

“The fact that Mr. Engle operated with a linear amplifier to cause intentional interference to other CB operators despite being warned twice in writing demonstrates a deliberate disregard for the Commission’s requirements and authority,” the FCC, in making an “upward adjustment” of \$5,000 in the proposed forfeiture.

Engle has 30 days to pay the fine or file in writing seeking reduction or cancellation of the proposed fine- *via ARRL.ORG 08/31/2014*

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.

Ham Radio Payload to Circle the Moon



A lunar flyby with a ham radio payload transmitting JT65B mode on 145.990 MHz is expected to take

place toward the end of this year, giving earthbound radio amateurs the opportunity to receive some otherworldly DX signals as the payload flies around the Moon.

China has announced plans to launch a lunar orbiter carrying a 14 kg battery-powered payload known as 4M-LXS, which was developed at LuxSpace. Signals from the Amateur Radio payload can be

decoded using the free WJST software by Joe Taylor, K1JT.

The orbiter is one of the test models for Beijing’s new lunar probe Chang’e-5, which will land on the moon, collect samples, and return to Earth. The launch, planned for 4th quarter 2014, is aimed at testing technologies that are vital for the success of the spacecraft. The orbiter will be launched into Lunar Transfer Orbit and then perform a lunar flyby before re-entering Earth’s atmosphere after 9 days.

The orbiter, which arrived by air in Xichang, Sichuan, on Sunday, August 10, has been transported to the Xichang Satellite Launch Center. — Thanks to AM-SAT-UK - via ARRL.ORG 08/13/2014

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

Sep 6 VA Beach Hamfest **
 Sep 9 **Regular Meeting**
 Sep 27/28 CQ WW RTTY Contest
 Sep 30 **Board Meeting**
 Oct 4 Ham Chatter **Deadline**
 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**
 Nov 1 Ham Chatter **Deadline**
 Nov 1/2 ARRL CW Sweepstakes
 Nov 11 **Regular Meeting** - Elections
 Nov 15/16 ARRL SSB Sweepstakes
 Nov 16 Benson Hamfest **

Nov 25 **Board Meeting**
 Nov 29 Ham Chatter **Deadline**
 Nov 29/30 CQ WW CW DX Contest
 Dec 6/7 ARRL 160 Meter Contest
 Dec 9 **Christmas Party** - Awards
 Dec 13/14 ARRL 10 Meter Contest
 Dec 16 BARC VE Session - **Tuesday**
 Dec 30 **Board Meeting**
 Jan 3 Ham Chatter **Deadline**
 Jan 3/4 ARRL RTTY Roundup
 Jan 13 **Regular Meeting**
 Jan 23/25 CQ WW CW 160 Contest
 Jan 27 **Board Meeting**

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



Next Meeting
September 9, 2014

September 2014

To:



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