

Ham Chatter



Volume 48 Issue 8

An Official BARC, W4AMC, Publication

August 2014

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ISS Astronaut Activates ARISS During ARRL National Centennial Convention



Satellite enthusiast Patrick Stoddard, **WD9EWK**, and a crowd of onlookers got an unexpected treat July 19 at the ARRL National Centennial Convention in Hartford, Connecticut. Stoddard was outside the Connecticut Convention Center, hoping to perhaps demonstrate the digipeater aboard the International Space Station (ISS) during some favorable passes and, if he really got lucky, to actually speak to an ISS crew member.

On the first pass, just before the convention opened for its final day, Stoddard was able to “bounce a few packets” through the ISS digipeater, using his Kenwood TH-D72A and Elk dualband log periodic antenna — both hand-held devices. On the next pass — the most favorable one of the morning — Stoddard was listening to both 145.800, the FM voice frequency, and to 145.825 MHz, the digipeater frequency. While he didn’t hear anything from the digipeater, he thought he heard “something” on 145.800. He called

NA1SS — the US Amateur Radio on the International Space Station (ARISS) call sign — and NASA Astronaut Reid Wiseman, **KF5LKT**, came back to him.

“My audience went crazy, and I was happy to make contact and have a nice 3 to 4 minute chat,” Stoddard told AMSAT News Service. “I asked Reid if he might be on the microphone for the next

pass over the eastern USA around 1200 local/1600 UTC. He said he would try, and we were outside for that as well.” Wiseman had thrilled numerous ARRL Field Day participants in June by getting on the air from NA1SS for the event.

Word of his successful contact spread, and Stoddard had an even larger crowd looking on for the third pass, which he described as “shallow,” given its maximum 6° elevation. Stoddard made several attempts to make lightning strike twice in the same place, but he never heard anything on 145.800. Nonetheless, the crowd gave him a round of applause, and Stoddard was able to answer several questions about working Amateur Radio satellites with a relatively simple setup.

Stoddard has posted a presentation on YouTube <<https://www.youtube.com/watch?v=yoFbhPXsUx0>> from his successful contact. — Thanks to AMSAT News Service, and Patrick Stoddard, **WD9EWK** - via ARRL.ORG 07/27/2014

Next Meeting – August 12, 2014

*The Brightleaf Amateur Radio Club will have its regular meeting at 7:30 PM on Tuesday, Aug. 12, at VFW Post Home 7032 on 1108 Mumford Road in Greenville. Program will be presented by John McCoy, **K4KBB**, showing a video about the Biltmore House near Asheville. All members, families and guests are invited to attend.*

The next Board Meeting will be Aug. 26 at 7:30 at the Offices of Monday & Monday, (CPA), Suite D, East Victoria Court. All members invited.

Scout Sets Up Firehouse Ham Station for Back-Up Communication

Florida TV station Bay News 9 has reported that an Eagle Scout project turned into an “Everyday Hero” nomination for a Pinellas County teenager. According to Bay News 9, Parker Mitchell, **KI4YAV**, of Clearwater, Florida, the 18-year-old ham decided to create a backup communications system for a Palm Harbor fire station. “I decided since we have so many hurricanes in Florida, emergency communications would be a really good thing to do it on,” Parker said. Parker got donations for the \$4000 worth of necessary equipment and built the station. He also recruited a volunteer to climb the station’s tower to install the antenna. Fire Chief Craig Maciuba said the project provides firefighters with an additional communication route to the county emergency operations center and to other hams, should the 911 system fail. Parker also held licensing courses for the firefighters, and all passed the test. — Thanks to Todd Hockert, **KCOMPD**/Bay News 9 - via ARRL.ORG

SpaceJam 8 Features ARISS Contact



Scouting's Space Jamboree 8 — known as SpaceJam 8 — hoped to log its eighth Amateur Radio on the International Space Station (ARISS) contact the first weekend in August. The annual gathering of Boy Scouts, Girl Scouts, and Venture Crew members from the US and Canada got underway August 1 in Rantoul, Illinois, with upward of 3500 attendees anticipated. The theme for this year's event is "The Eagles Have Landed."



Happy Birthday

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

- 8 **KA4NMA** Randy Davenport
- 17 **W4WTM** Taylor Millar
- 19 **KS4YF** Paul Fletcher
- 20 **KV4CN** Dave LeMoine
- 25 **K4GOE** Al Mullis
- 26 **N2BVN** Elizabetha Schultz

Additions or corrections to W4YDY

The Scouts were scheduled to speak with NASA Astronaut Reid Wiseman, **KF5LKT**, on August 2. ARISS arranged for two-way audio of the contact, between **W6SRJ** in California, and **NAISS** on the ISS, to be "telebridged" to the SpaceJam 8 site and Rantoul Airport and Chanute Aerospace Museum. Charlie Sufana, **AJ9N**, the ARISS technical mentor, coordinated the contact with the event. Sufana has been the ARISS mentor for the previous seven ARISS contacts at Space Jamboree.

SpaceJam 8 is described as "primarily a weekend Scouting and STEM education event" that is open to all interested youth "to learn more about the life skills that will prepare them for the increasingly complex technological future." These "new pioneers" will tackle a variety of technology oriented merit badges and activities while at the three-day camp. Topics included space exploration, aviation, radio, and electronics. "Space Jam is the scouting technology event of the year," the sponsoring Boy Scouts of America said.

An Amateur Radio licensing class was on the list of activities campers selected. Last year's Space Jamboree turned out eight new radio amateurs.

ARISS is an international educational outreach with participation from ARRL, NASA, ESA, the Russian Space v.c SpaceJam 8 - *excerpts from ARRL.ORG*

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, 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/>

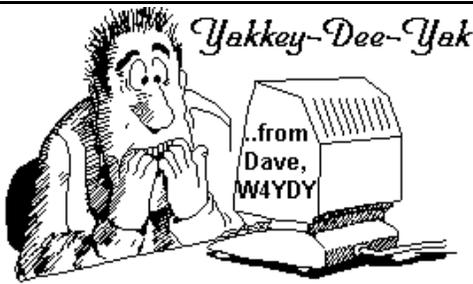
Pitt County ARES
EC needed!



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For those that missed the July club meeting, you missed another outstanding program by Robert Young, **NC4RY**, Fuquay Varina, founder, designer and technical support of the screwdriver Tarheel Antennas. He talked about the startup history of the Tarheel screwdriver antenna company and how he tried to make them the best on the market. He succeeded in doing that! He also took questions on mobile antennas and using the Tarheel as a fixed antenna in the back yard. They do a good job if you are not able to put up a long wire or a beam on a tower.

As a bonus to the program,

Robert's good friend, Mike Parrish, **AG4SC**, Southeast sales manager for **ROHN Towers** talked about Rohn Towers and had a Q&A session also. Mike drove 700 miles to Greenville that day from his home in Lakeland, Florida to see Robert and come to the meeting.

It's getting harder to put up antennas in some neighborhoods now due to covenants. Read the article on the next page and write your congressman to support "The Amateur Radio Parity Act of 2014" — HR.4969. If the measure passes the 113th Congress, it would require the FCC 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). At present, PRB-1 only applies to state and local zoning laws and ordinances. When I moved here over 20 years ago, we turned down many neighborhoods because antennas were not allowed.



Mike Parrish, AG4SC & Robert Young, NC4RY, at the July BARC meeting.

New call sign, W4CKA

Jason Melendez received a new vanity call sign, **W4CKA**, on August 1. He was originally assigned **KM4CPC** and later got the vanity call sign, **N3XGN**. But he decided it was best to get a call sign in 4th call area after operating at the BARC Field Day. He could see that there would be less confusion on the radio.

Maritime Mobile Service Network Aids in Separate Land-Based Emergencies



While best known for its efforts to aid voyagers on the high seas, the Maritime Mobile Service Network (MMSN) occasionally helps out in land-based emergencies too. That was the case recently when MMSN net control stations received distress calls regarding motor vehicle incidents in Nevada and Texas. On July 24, MMSN Net Control Station Ken Porter, **AC0ML**, was notified by HF mobile operator George Molnar, **KF2T**, that he had witnessed a tractor-trailer mishap on Nevada Highway 318. The rig had apparently skidded and landed on its side in a canyon, precluding the use of cell phone or Amateur Radio VHF/UHF systems.

Porter placed the net in emergency status, pinned down further details on the wreck, and notified the Las Vegas Police Department to relay the necessary information. A short time later, Nevada Highway Patrol troopers were dispatched to the scene. There were no injuries, but the highway was completely blocked in both directions, and some of the tractor-trailer's perishable cargo ended up scattered on the roadway.

Porter, the NCS, later said that he was "quite surprised" to get a call regarding a land-based emergency but also understood why this might happen, given that the Net's availability on 14.300 MHz daily from 1600 to 0200 UTC, and the fact that many hams are aware of its existence.

"We were out in the middle of nowhere, where no cell carrier covered — I had three cell devices with me — no OnStar, not even any highway department radio coverage," Molnar said later. "Truckers' CBs didn't reach anyone outside the canyon. Only ham radio worked!"

Porter placed the net in emergency status, pinned down

Several weeks earlier, on June 18, MMSN NCS Donald Plunkett, **VA6FH**, was called by a trucker-ham who reported a serious motor vehicle accident involving a truck and a car outside of Stockton, Texas. The station calling in requested that the net contact the Texas Department of Public Safety, since he was outside of cell phone and VHF/UHF repeater range. Emergency units were sent to the scene.



"Maritime Mobile Service Network net control stations are used to assisting maritime stations with routine reports, weather information and emergencies," said Second Assistant Net Manager Jeff Savasta, **KB4JKL**. "This incident represents a land-based rescue in which the reporting station advised that he knew that the Net was always on 14.300." — *Thanks to Hurricane Watch Net Manager Bobby Graves, KB5HAV - via ARRL.ORG 07/28/2014*

Centennial Convention Provides Springboard for “Amateur Radio Parity Act,” HR.4969

The just-concluded ARRL National Centennial Convention in Hartford, Connecticut, helped to infuse some energy into efforts to line up co-sponsors for “The Amateur Radio Parity Act of 2014” — HR.4969. The measure, introduced in the US House of Representatives with bipartisan support in late June, would call on the FCC to apply the “reasonable accommodation” three-part test of the PRB-1 federal pre-emption policy to private land-use restrictions regarding antennas. The bill’s primary sponsor is Rep Adam Kinzinger (R-IL). It received initial co-sponsorship from Rep Joe Courtney (D-CT). Courtney visited the ARRL Centennial Convention on July 19 to speak with League officials and those attending the event.

At present PRB-1 only applies to state and municipal land-use ordinances, and the FCC has indicated that it will not act to provide the same legal protections from private land-use agreements — often called covenants, conditions, and restrictions or CC&Rs — without direction from Congress.

More and more convention visitors began sporting “Get Behind HR 4969” stickers the League supplied, as the event shifted into high gear. Behind the stickers is a grassroots effort to encourage members to contact their congressional representatives to seek their support as co-sponsors for HR.4969. The effort at the Convention to entice visitors to sign letters to lawmakers yielded some 1400 pieces of constituent correspondence that will be hand delivered to members of Congress, a July 19 Convention Legislative Update Forum was told. In addition another four co-sponsors have signed aboard the bill.

ARRL General Counsel Chris Im-

lay, **W3KD**, said there already is precedent for the FCC to act. He explained that the Commission’s so-called Over-the-Air Receiving Device (OTARD) rules currently preempt private land-use agreements to permit the installation of television antennas and satellite dishes. He suggested that making the leap to reasonably accommodating outdoor Amateur Radio antennas is within the FCC’s regulatory scope, especially in light of the established strong federal interest in effective Amateur Radio communication.

“People don’t always get to choose where they live,” Imlay said, adding that CC&Rs enforced by homeowner’s associations may or may not permit outdoor antennas or may only allow them with approval. He said that by 1990, some 29 million US residents were affected by private land-use agreements. “In 2011, that number changed to 62.3 million people,” Imlay said.

The legislation’s goal, he explained, is to compel homeowner’s associations to negotiate “reasonable accommodation” with an affected radio amateur. That could mean an outdoor wire antenna or something more elaborate; Imlay said it’s not the intent of the bill to specify any particular type of antenna.

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. The League had approached Walden, who helped to engineer the current legislation.

“All [the bill] says is, take PRB-1, and apply it to all land-use regulation,” Imlay said. “This couldn’t be any simpler.”

Imlay said the bill faces opposition from the Community Associations Institute and an organization called Associa, which has suggested to Kinzinger that he “re-think” the bill.

“We need to get a lot of co-sponsors for this bill,” Imlay said.

A principal proponent of HR.4969 is ARRL Hudson Division Director Mike Lisenco, **N2YBB**, said, “We are the ones who are responsible for our own future.”

“The way to get things done is to be active on a grassroots level — small scale,” he told the gathering of about 50 interested radio amateurs. “This way you’re dealing with your representatives as a constituent.” Several forum attendees left early so they could visit the ARRL exhibit on the convention floor to obtain the necessary materials before the convention wrapped up.

ARRL Regulatory Affairs Manager Dan Henderson, **N1ND**, pointed out that the League has opened a HR.4969 page on the ARRL website. It contains information and resources for clubs and individuals wishing to support efforts to gain co-sponsors for the measure by contacting their members of Congress. It includes a sample letter to a member of Congress and a list of “talking points.” Lisenco recommended organizing small teams of knowledgeable and articulate radio amateurs to approach lawmakers one to one to plead their case.

Just prior to the Convention, ARRL President Kay Craigie, **N3KN**, released a video appeal to all radio amateurs to get behind a grassroots campaign to promote co-sponsorship of HR.4969. - via *ARRL.ORG 07/26/2014*

BARC Field Day results

The following BARC Field Day scores were sent to the ARRL

Band/Mode QSO Breakdown:

	CW QSOs	Phone QSOs
80m	3	94
40m	142	107
20m	70	89
15m	0	44
Total	215	224

Claimed Score = 1,528

by Richard Campbell, **W4JNC**.

Hollis Thigpen, KC3X, earns 3 more MARAC awards

BARC member Hollis Thigpen, **KC3X**, recently earned three more rare awards from the Mobile Amateur Radio Awards Club (MARAC). He received USA-PA-A Award # 7 on June 15, 2014 for contacting all 3077 counties using the ‘A’ prefix or with an ‘X’ in their call sign because there are not many ‘A’ prefix call signs. He had already worked all counties using the K, N and W prefixes so he also received Award #3 for USA-PA-ALL the same day.

On July 23, 2014, he completed requirements for USA-CW III and received Award # 14. It was for contacting all 3077 counties using CW for the third time.

Hollis now has 30 awards in the MARAC database dating back to 1987 and he’s still adding QSO’s for more awards including working all counties for the tenth time! Also, he recently added digital so now he’s working on digital awards and working five modes in each county.

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.*

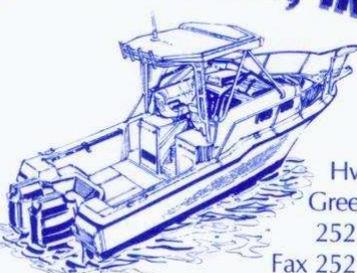
For Sale: I know of three towers for sale.

- 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

Ham Ads Work! Free ads for Hams

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Mark Langley
Mike Langley
KD4MTT

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Fax 252 758-1396

H&R BLOCK

Pat Williams, KG4NSC
Senior Tax Advisor 5

Buyers Market:
2400 S Memorial Dr
Greenville, NC 27834
Tel 252.756.1209 Fax 252.756.6378
patrick.williams@tax.hrblock.com
www.hrblock.com

K4KBB

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PO Box 8387, Greenville, NC 27835
ATTN: Dave Langley, W4YDY or email **barc@w4amc.com**
Help support *Ham Chatter* and the club. **Donations accepted!**

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Certified Public Accountants

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K4ZYD

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BARC Meeting Minutes - July 2014



BARC Meeting Minutes

Date: 7/8/14

Call to Order: 7:35 PM
25 members were present.

Secretaries

Report: none

Treasurer's

Report: Bills coming in from field day.

Equipment

Report: 1) MFJ Analyzer \$85/hour to repair at MFJ. 2) BARC trailer at Richard Campbell's, **W4JNC**. Some repairs to be done. 2) Need to buy digital interface for club use at QSO party and field day. 3) Need CW filters for FT-897 4) Need Dunestar BPF for 10 m.

VE Session: Dave Langley, **W4YDY**, reported four applicants passed exams at the June BARC session. One upgrade to Gen-

eral: 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. They participated in field day and made some contacts. Ted Bertrand, **KI4PWX**, has moved. Steve Horn, **KB5B**, will become new VE liaison once his certification arrives.

Health and Welfare: John McCoy's, **K4KBB**, wife Barbara is doing much better. John Johnston, **NC4JJ, SK**, of Fountain died last Sunday.

Ham Chatter: Dave Langley, **W4YDY**, still wants someone to take over.

Publicity: Taylor Millar, **W4WTM**, reported than an ad Sunday before with meeting and VE session announcement is placed monthly in the Daily Reflector

Public Service: none upcoming

Future Programs: TBA

Old Business: Field day had about 30 participants. Total points 1528, CW 430, Phone 334, Bonus 650. Weather was good. Location works well. Participants had a good time.

New Business: Received e-mail from RARS about being a bonus station for NC QSO party as **W1VOA**. Will need to have CW, digital, and phone modes and enough members participate. Will need to decide at next meeting and inform RARS. Next year's NC QSO Party will be March 1, 2015 - 1000 EST to 2000 EST.

Announcements: There is an opening at PCC for an instructor.

Program: John McCoy, **K4KBB**, introduced Robert Young, **NC4RY**, who spoke about Tarheel antennas. Mike Parrish, **AG4SC**, from Rohn Towers in FL also had a Q&A about antenna towers.

Adjournment: 9:00 PM

Respectfully submitted by:

Erv Davis, KK4HHY

BARC Board Meeting Minutes - July 2014

BARC Board Meeting Minutes

Date: 7/22/14

Call to Order: 7:35 PM

6 members were present. Richard Campbell, **W4JNC**, Erv Davis, **KK4HHY**, Dave Langley, **W4YDY**, John McCoy, **K4KBB**, Taylor Millar, **W4WTM**, Terry Monday, **K4ZYD**

Secretaries Report: N/A

Treasurer's Report: N/A

Equipment Report: Dunstar filters for FT-897D \$104.50 each x3. Rigblaster pro

\$254.95. Not located band pass filter yet.

VE Session: Next August 19th.

Health and Welfare: N/A

Ham Chatter: In preparation this week.

Publicity: Announcement for August VE going out. Need more participation in hospital net.

Public Service: Boy scouts event August 8th.

Future Programs: August: Possible Peter Van Houten, **KG4WEZ**, Sept or Oct: Carl Bowman, NC Section manager

Old Business: TS-520 sold.

New Business: New nominating committee for club officers needed to form. NC QSO Party bonus station--table discussion for 2015. Meet with RARs at April Hamfest. Plan to run bonus station in 2016.

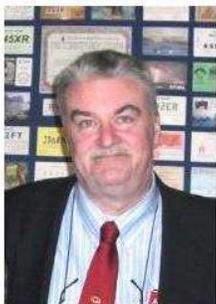
Announcements: N/A

Adjournment: 8:07 PM

Respectfully submitted by:

Erv Davis, KK4HHY

ARRL DXCC and Awards Manager Bill Moore, NC1L, Recuperating Following Accident



ARRL DXCC and Awards Manager Bill Moore, **NC1L**, was seriously injured in a single-car accident on the afternoon of Thursday, July 3. Moore suffered a broken neck and other injuries and

is paralyzed from the chest down. He is stable and recuperating at Mount Sinai Rehab Hospital in Hartford.

There is no timetable for his return to work at ARRL Headquarters. DXCC and awards questions that would normally be handled by Moore should be sent to one of the e-mail addresses listed on the DXCC Contacts web page.

Cards and get-well wishes are ap-



preciated, and should be sent to Bill Moore, **NC1L**, 92 Reservoir Rd, Newington, CT 06111- 07/31/2014

FCC Alleges Deliberate Interference, Failure to Identify in Proposing Substantial Fines for Two Radio Amateurs

The FCC Enforcement Bureau came down hard on two radio amateurs this week, proposing substantial fines for alleged deliberate interference to other Amateur Radio communications — in one case by transmitting music and animal noises — and failure to properly identify. In similar Notices of Apparent Liability for Forfeiture (NALs) released July 22, the Commission proposed fining Michael Guernsey, KZ80 (ex-ND8V), of Parchment, Michigan, \$22,000, and Brian Crow, K3VR, of North Huntingdon, Pennsylvania, \$11,500. In both cases, the FCC said the evidence indicated that the transmissions at issue were aimed at interfering with other radio amateurs with whom each “has had a long-standing and well-documented dispute” that had spilled out onto the air.

The FCC in both instances responded last March to “several complaints of intentional interference” on 14.313 MHz. Commission agents used radio direction-finding techniques to pin down the source of the transmissions. According to the NAL issued to Guernsey, the FCC agents monitored transmissions from his station for approximately 40 minutes on March 7, 2014, “and heard him transmit a pre-recorded song and various animal noises on the frequency.”

According to the NAL issued to Crow, FCC agents monitored transmissions from his station for approximately 3 hours on the morning of March 14, 2014, and heard him transmit slow-scan television (SSTV) signals and “a pre-recorded voice transmission of another amateur station on the frequency.”

“These transmissions prevented other amateur licensees from communicating over the frequency,” the NALs said, adding that neither Guernsey or Crow transmitted their assigned call signs while the agents were listening.



The FCC agents later the same day visited Crow’s residence and asked to inspect his station, which they confirmed was capable of operating on 14.313 MHz. Crow denied operating his station that morning, however, and claimed that he was not at home when the interfering transmissions occurred.

The Enforcement Bureau has warned both Guernsey and Crow in the past regarding interference to other Amateur Radio operators. In Crow’s case, the FCC said the fact that he subsequently interfered with other amateur operators “demonstrates a deliberate disregard for the Commission’s authority,” and warranted an upward adjustment of \$3500 to his proposed base forfeiture. Guernsey first came to the Enforcement Bureau’s attention in the late 1990s and, the FCC said in the NAL, “has a history of causing interference to the communications of other Amateur Radio operators and has been warned repeatedly in writing.” Guernsey’s lengthy history with the Commission warranted an upward adjustment of \$14,000 to his proposed base forfeiture.

The Commission gave both licensees 30 days to pay their fines or to file written statements “seeking reduction or cancellation of the proposed forfeiture.”

The NALs to Guernsey and Crow came in the wake of a June 5 Notice of Violation (NoV) alleging that Thomas Ryan Price, W7WL, of Sweet Home, Oregon, caused malicious interference to other radio communications on 3908 kHz, transmitted music on the same frequency, and failed to properly identify. The FCC said issuance of the NoV “does not preclude the Enforcement Bureau from further action if warranted, including issuing a Notice of Apparent Liability for Forfeiture for the violations cited.” - *via ARRL.ORG 07/29/2014*

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.

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

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 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 - *BARC elections*
 Nov 8/9..... ARRL SSB Sweepstakes
 Nov 23 Benson Hamfest *unconfirmed date*
 Nov 25 **Board Meeting**
 Nov 29 **HAM CHATTER DEADLINE**
 Dec 6/7..... ARRL 160 Meter Contest
 Dec 9 **Christmas Party**
 Dec 13/14..... ARRL 10 Meter Contest
 Dec 16 **BARC VE Session - Tuesday**
 Dec 30 **HAM CHATTER DEADLINE**

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
 August 12, 2014

August 2014

To:



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