

Ham Chatter



Volume 47 Issue 5

An Official BARC, W4AMC, Publication

May 2013

Editor, Dave Langley, W4YDY

Email: barc@w4amc.com

April 16, 2013 BARC VE Session Results



KI4PWX
VE Liaison

Two applicants passed the Technician Class exams at the April BARC VE session. Dylan Willoughby, **KK4QOJ**, Washington, and Ken Walters, **KK4QOI**, Cary, passed the Technician exams. Their new call signs were issued April 24.. Congratulations to both for their accomplishment.

Dylan's senior project for school was to get his Amateur Radio license and that was accomplished. Cheryl McGuire, **KJ4RGP**, and Marcian Bouchard, **KC4TOI**, Beaufort County EC, both mentored him. Dylan is a graduating senior at Washington High School and his plans are to go to ECU in the fall and get into nursing school.

The VE's that attended were VE Liaison Ted Bertrand, **KI4PWX**, Richard Campbell, **W4JNC**, Thomas Styron, **KB7L**, and Dave Langley, **W4YDY**.

The next regular VE session is scheduled for June 18, 2013.

Annual Armed Forces Day Crossband Test Scheduled for May 11

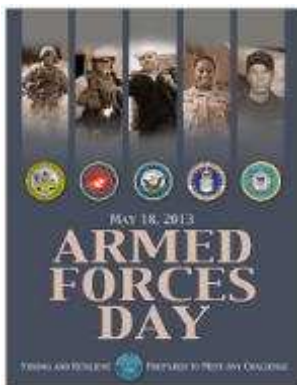
In celebration of the 63rd anniversary of Armed Forces Day (AFD), the Army, Air Force, Navy, Marine Corps and Coast Guard are co-sponsoring the annual Military/Amateur Radio Crossband Communications Test. Although Armed Forces Day is traditionally celebrated on the third Saturday in May -- May 18 in 2013 -- the AFD Military/Amateur Crossband Communications Test will be conducted on May 11 to prevent conflict with the Dayton Hamvention®, scheduled for May 17-19.

The annual celebration features traditional military-to-amateur crossband communications SSB voice and Morse code tests. These tests give Amateur Radio

operators and short wave listeners an opportunity to demonstrate their individual technical skills and to receive recognition

from the appropriate military radio station for their proven expertise. QSL cards will be provided to stations making contact with the military stations.

Military-to-amateur crossband operations will take place on the dates and time in UTC on the frequencies listed for



the Army, Air Force and Navy/Marine Corps and Coast Guard MARS stations. Voice contacts will include operations in single sideband voice (SSB); some stations will use CW to provide the opportunity to check in by Morse code. Depending on propagation and staffing, some stations may not operate the entire period. Participating military stations will transmit on selected military

MARS frequencies and listen for Amateur Radio stations in the amateur bands. The military station operator will announce the

Next Meeting May 14, 2013

The Brightleaf Amateur Radio Club will have its regular meeting on Tuesday, May 14 at 7:30 PM at VFW Post Home 7032 on 1108 Mumford Road in Greenville.

The program will be by Rick Niswander, K7GM, American Radio Relay League Treasurer and Vice Chancellor for Administration and Finance for East Carolina University. Rick is the sixth Treasurer of the 99 year old ARRL and he is also involved in contesting. All members, families and guests are invited to attend.

The next board meeting will be May 28 at 7:30 PM at VFW Post Home 7032 on 1108 Mumford Road in Greenville. All members invited.



K7GM

specific amateur band frequency being monitored. Duration of each voice contact should be limited to 1-2 minutes. The annual Secretary of Defense message will be transmitted via digital modes, including RTTY, PACTOR, AMTOR, PSK-31, MFSK and MT63 from certain stations.

Check the MARS Armed Forces Crossband Test website <<http://www.arrl.org/news/annual-armed-forces-day-crossband-test-scheduled-for-may-11>> for schedules and frequencies of participating military stations, including a list of stations that will be transmitting the annual Secretary of Defense message. Instructions on how to copy and submit the message are also included. - via ARRL.ORG

Guyed Tower Legislation in Idaho to Exclude Amateur Radio Towers

On April 1, Idaho Governor C. L. "Butch" Otter (R) signed Senate Bill 1065 into law. This new law is amendment to a current Idaho law regarding guyed towers, which states that guyed towers "shall be lighted, marked and painted or otherwise constructed to be visible in clear air during daylight hours from a distance of not less than 2000 feet." With the passage of SB 1065, both guyed Amateur Radio and CB antenna support structures are exempt from these regulations.

According to ARRL Idaho Section Manager Ed Stuckey, AI7H, Governor Otter signed the original legislation into law in 2012, but there was an exemption for telecommunications towers. "This year, we went back [to the legislature] to specifically define Amateur Radio towers as one of the types of telecommunications towers," he said, "ARRL Idaho Section Government Liaison Rex Green, K7DMV, put a huge amount of effort into firming up the groundwork behind the legislation. We also had the good fortune to have Senator Lee Heider, KE7GAG, take an interest in the legislation, and he acted as the Senate sponsor for the bill."

Green told the ARRL that quite a few hams in Senator Heider's district con-

tacted the senator about the amendment. "These hams asked Senator Heider to carry the amendment that would clarify that Amateur Radio towers would be included in the telecommunications exemption," he told the ARRL. "As the ARRL Idaho State Government Liaison, I contacted the Idaho Division of Aeronautics and others to explain our position and gain their support. The letter of support from the Administrator of the Idaho Division of Aeronautics opened a lot of doors for us and was critical to the amendment's passage."

Idaho Section leadership supported Senator Heider at the meetings of Idaho's House and Senate Transportation Committees, providing with examples of why the exemption for Amateur Radio towers was needed. "I feel without Senator Heider's support, we would have had a difficult time in getting traction for our proposal," Green said. "The sponsors of last year's legislation were not exactly supportive of any exemptions, but once we explained to the committees that we had the support of the low altitude aviation operators, such as crop dusters, then we were able to move ahead."

The bill passed the Senate with unanimous approval before going to the House, where it passed with a 62-3 vote. - via ARRL.ORG



Happy Birthday

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

- 14 W4TEP Tom Parsons
- 22 K4DKW Jeff Meyer

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

Stan Barney, KJ4GDR



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, June 18** 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

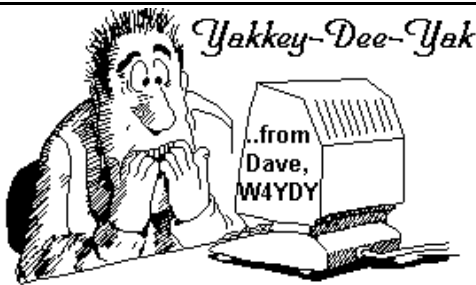
<http://www.pittares.com/>



In This Issue

<i>April VE Session results</i>	1
<i>Armed Forces Day crossband test</i>	1
<i>Idaho excludes AR guyed towers</i>	2
<i>Next VE Session - June 18</i>	2
<i>Yakkey-Dee-Yak from Dave</i>	3
<i>RF exposure limit change proposal</i>	3
<i>Illegal cell phone jamming</i>	4
<i>Finding parts</i>	4
<i>Regular Meeting minutes</i>	6
<i>Board Meeting minutes</i>	6
<i>FCC denies ARRL BPL petition</i>	6
<i>AR communications in Boston bomb</i>	7
<i>FL man interfering with AR bands</i>	7

PUBLISHED MONTHLY BY THE BRIGHTLEAF ARC, P. O. BOX 8387, GREENVILLE, NC 27835 * NON COPYRIGHT MATERIAL CONTAINED HEREIN MAY BE REPRINTED WITHOUT PRIOR PERMISSION WITH CREDIT GIVEN TO THIS PUBLICATION * **PRESIDENT** - RICHARD CAMPBELL, **W4JNC**, 758-1244 * **FIRST V. PRESIDENT** - JOHN McCOY, **K4KBB**, 758-1719 * **SECOND V. PRESIDENT** - TERRY MONDAY, **K4ZYD** * **SECRETARY & VE LAISON** - TED **BERTRAND**, **KI4PWX**, 756-3734 * **TREASURER** - GERRY CLAYTON, **K4IDD**, 756-4102 * **BOARD MEMBER** THOMAS STYRON, **KB7L**, 504-8826 * **BOARD MEMBER** - BYRON HIGHLAND, **K4BMH**, 753-2895 * PUBLIC RELATIONS, TAYLOR MILLAR, **W4WTM**, 916-6153 * PUBLIC SERVICE COORDINATOR & BARC HISTORIAN - PAT WILLIAMS, **KG4NSC**, 752-9281 * W4AMC/W1VOA/W4UHS TRUSTEE, TOM PARSONS, **W4TEP**, 355-2815 * HAM CHATTER & WEB SITE EDITOR - DAVE LANGLEY, **W4YDY**, 321-2525 * EMAIL ADDRESSES ON BARC WEB SITE * **OPINIONS BY WRITERS MAY NOT NECESSARILY BE THAT OF THE BRIGHTLEAF ARC.** * CONTRIBUTIONS ARE TAX DEDUCTABLE. * **BOARD MEMBERS IN BOLD** *



HF Bands Hot!

At the end of April and early May, the sunspot numbers went up and communications were great on the HF bands for DX and all over the USA.

Radio Noise and Interference

For the past few months, I had a lot of noise on my transceiver on 15 meters and some on nearby bands. It was a frying noise and it was up to S9 on the meter. I disconnected the antenna and it went down a little. I thought it might be a problem in the radio and I didn't want to send it off until I was sure. I usually turned my computer on before the radio. I turned it off and the noise disappeared! The noise came back when the computer was powered back up. I then turned off the computer peripherals and the noise disappeared.

I had several USB connections to a USB hub so I decided to disconnect one at the time to isolate the problem. The first one I removed cleared the noise. Problem solved! It was a USB to COM port converter for CW keying for the transceiver. I removed the converter and connected the CW keyer to a COM port that I had recently installed. Everything is fine now! I have a couple of other USB to COM converters but they are not noisy.

The FCC recently sent a letter to an individual that had a plasma TV that was causing interference to an Amateur Radio station. The individual was told to clear up the problem. My guess is a new non-plasma TV! The letter is at <http://transition.fcc.gov/eb/AmateurActions/files/plasm13_04_19_5324.html>.

I have a friend that operates from his girl friend's house and she had 3 plasma TV sets. He can't hear if even one is on. When he ask about how to cure the problem, everyone on frequency said to get rid of the plasma TVs. She loves her plasma TVs and won't use any other type.

100 VE Sessions

Checked the ARRL.ORG VE site and looked up the VE session counts for

examiners. My count was exactly 100, 14th out of 991 listed in 4th call area. We only have 6 sessions a year and I haven't made all of them. I became an examiner in 1996. I have helped with a couple of other special sessions and also at a couple of hamfests when they were short-handed. I like to see new people licensed and upgrade. - W4YDY

FCC Seeks to Reassess RF Exposure Limits



On March 27, the FCC released a First Report and Order, Further Notice of Proposed Rulemaking and a Notice of Inquiry (ET Docket Nos. 13-84 and 03-137). The documents seek to reassess the FCC's RF exposure limits and policies, as well as to propose changes to the FCC's rules regarding human exposure to RF electromagnetic fields. These proposed changes would affect the Amateur Radio Service (Part 97) rules.

In the 201-page document, the FCC noted that "[p]eriodic review of the government's rules and regulations to ensure they have kept pace with current knowledge and changing needs is an important characteristic of good government, and we here will advance the process of providing a comprehensive review and modification, where appropriate, of this Commission's various rules pertaining to the implementation of the National Environmental Policy Act (NEPA) requirements for environmental reviews, specifically those reviews related to health and safety of radiofrequency (RF) emissions from radio transmitters. Our actions herein are intended to ensure that our measures are compliant with our environmental responsibilities and requirements and that the public is appropriately protected from any potential adverse effects from RF exposure as provided by our rules, while avoiding any unnecessary burden in complying with these rules."

The document is divided into three parts: a First Report and Order (First R&O) and a Further Notice of Proposed Rulemaking (FNPRM) in ET Docket No. 03-137, and a Notice of Inquiry (Inquiry) in a new docket, ET Docket No. 13-84. In the R&O, the FCC looks at several technical and semantic issues -- initiated in 2003 -- to be revised and updated; in the FNPRM, the FCC proposes to further update and revise its procedures and treat all services equally.

In the Inquiry, the FCC seeks comments to determine whether its RF exposure limits and policies need to be reassessed. "Since consideration of the limits themselves is explicitly outside of the scope of ET Docket 03-137, we propose with the Inquiry to open a new docket to consider those limits in light of more recent developments," the FCC said. "The Inquiry is intended to open discussion on both the currency of our RF exposure limits and possible policy approaches regarding RF exposure. We look forward to developing a complete record to determine whether the current rules and policies should remain unchanged, or should be relaxed or tightened."

According to the FCC, mitigation matters are "post-evaluation procedures to ensure exposure limits are not exceeded, such as labels, signs, barriers, enforcement and occupational issues." In its Notice of Inquiry, the FCC included clarifications related to the application of occupational exposure limits for devices and at fixed transmitter sites. The FCC noted that it "should be helpful to licensees to codify our earlier adopted policy with regard the use of occupational/controlled limits at Amateur Radio stations."

This policy was first established in the RF Report and Order of 1996, but it was not incorporated in the rules at that time. It allows amateur stations to be evaluated "with respect to occupational/controlled exposure limits, as long as appropriate training and information has been provided to the amateur licensee and members of his or her immediate household. Other nearby persons who are not members of the amateur licensee's household must be evaluated with respect to the general population/uncontrolled exposure limits." The FCC will codify this policy by adding a paragraph as a new subsection in Section 1.1310 -- radiofrequency radiation exposure limits -- to its rules.

More info at <<http://www.arrl.org/news/fcc-seeks-to-reassess-rf-exposure-limits>> - via ARRL.ORG

FCC Issues Two Forfeiture Notices for Cell Phone Jamming



On April 9, the FCC found two businesses -- The Supply Room in Oxford, Alabama and Taylor Oilfield Manufacturing in Broussard, Louisiana -- to have "apparently willfully and repeatedly violated Sections 301, 302(b), and 333 of the Communications Act of 1934, as amended, and Sections 2.803(g) and 15.1(c) of the Commission's rules by operating multiple cellular phone jammers." In addition, the FCC found that both businesses each imported five illegal signal jamming devices in violation of Section 302(b) of the Act and Sections 2.1203 and 2.1204 of the Rules; Section 2 dictates the conditions under which radio frequency devices may be imported into the US. The FCC issued a Notice of Apparent Liability for Forfeiture and Order (NAL) to each business: The Supply Room received an NAL in the amount of \$144,000 (FCC No. 13-47), while Taylor Oilfield Manufacturing received an NAL in the amount of \$126,000 (FCC No. 13-46).

The FCC received anonymous tips that cell phone jamming was occurring at both businesses. By using direction finding techniques, FCC agents discovered "strong wideband emissions in the cellular bands" that they determined to be "one or

more signal jammers" at each site. Both The Supply Room and Taylor Oilfield Manufacturing admitted to the agents that they had each purchased five signal jammers off of the Internet from overseas sources.

While The Supply Room's general manager admitted to the FCC agent that the jammers were in place "to prevent its employees from using their cellular phones while working" and they had been in operation for more than two years, the manager of Taylor Oilfield Manufacturing told the FCC agent that it "utilized the jamming devices to prevent its employees from using their cellular phones while working, apparently following a near-miss industrial accident that allegedly was partially attributable to employee cell phone use," and that the jammers had only been in operation "for a few months." Both entities voluntarily surrendered their jammers to the FCC.

"Signal jamming devices operate by transmitting powerful radio signals that overpower, jam or interfere with authorized communications," the FCC noted. "While these devices have been marketed with increasing frequency over the Internet, with limited exception, they have no lawful use in the United States. Jammers are not only designed to impede authorized communications and thereby interfere with the rights of legitimate spectrum users and

the general public, but also are inherently unsafe. For example, jammers can be used to disrupt critical public safety communications, placing first responders like law enforcement and fire fighting personnel -- as well as the public they are charged with protecting -- at great risk. Similarly, jammers can endanger life and property by preventing individuals from making 9-1-1 or other emergency calls. In order to protect the public and preserve unfettered access to emergency and other communications services, the [Communications] Act generally prohibits the importation, use, marketing, manufacture, and sale of jammers. The Commission has issued several enforcement advisories and consumer alerts emphasizing the importance of strict compliance in this area and encouraging public participation through the Commission's jammer tip line."

The FCC directed both The Supply Room and Taylor Oilfield Manufacturing to submit payment in full by May 9, 2013, or file a written statement seeking reduction or cancellation of the proposed forfeiture. Both entities were also directed to file a statement to be signed under penalty of perjury no later than May 9, 2013, that would provide information concerning the source(s) from which each business purchased or received the jamming devices. - *via ARRL.ORG*

Surfin': Getting Parts in the 21st Century



By Stan Horzempa, WA1LOU
Contributing Editor, QST

This week, Surfin' finds radio parts on a fascinating website.

Back when I began stinking up my parents' house with the scent of liquefied solder, there were radio and electronics stores in the area where I could buy all the parts to build my projects. But in the 1970s, those stores went the way of the vacuum tube. I had to go the mail order route to buy my parts unless it was a com-

mon component that my local Radio Shack stocked.

Mail order was painful. Before you could order anything, you had to obtain a catalog from the mail order house in order to find the part number and price of the part you wanted. Then you filled out the order form, mailed in your order (that's why they call it "mail order") and waited weeks for the delivery of the parts.

To rub salt in your wounds, sometimes a part you ordered was out of stock -- but you would not discover this until the other parts were delivered. Then you had to start the mail order process all over again, ordering a substitute part or ordering the part from another source. Meanwhile, dust would begin to gather on your project.

The Internet has changed all that. Today, you can order from online catalogs that let you know instantly if the widget you want is out of stock. Delivery seems instantaneous, too. I ordered something last Friday and it was delivered on Wednesday.

If you're into making radios, I've found a website that sells an interesting array of parts, breakout boards and kits that you can play with: SparkFun Electronics. <<https://www.sparkfun.com/>> Their products are not strictly radio-related, but they have enough radio stuff to make things interesting. And if you are an electronics maker like I am, you will find their other offerings very tempting.

Until next time, keep on surfin'!
- *via ARRL.ORG*

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

MARK'S MARINE, INC.



Mark Langley
Mike Langley
KD4MTT

Hwy. 33 East
Greenville, NC
252 758-3309
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

J & P Machine Works, Inc.



4291 US 264 East
Greenville, NC 27834
252-758-1719 Fax 758-9031

Manufacturer of Swiss Screw Machine Products.
Pins, Shafts, Rods and Spacers.

Monday & Monday, CPA's, PA

Certified Public Accountants

TERRY A. MONDAY, CPA, CVA, EA
K4ZYD

105-D East Victoria Ct. Phone (252) 321-6007
Greenville, NC 27858 Fax (252) 321-2991

Batteries for Home & Business...
from laptop batteries to forklift batteries, we either have the battery you need in stock or we'll get it!

>> **Business Class and Commercial Grade** accounts available for businesses. Get special pricing on product by opening a commercial account.

>> On site **Tech Center** that can custom build your rechargeable battery packs

BatteriesPlus 

America's Battery Experts®

GREENVILLE
740 SE Greenville Blvd Ste 500A
(Next to McAlister's)

Phone **252.353.8143**
Fax **252.353.8145**

Store Hours
Mon. - Fri. 8:00 - 8:00
Sat. 9:00 - 7:00
Sun. closed

www.batteriesplus.com

BARC Meeting Minutes - April 2013

BARC Meeting Minutes

Date: 4.09.13

Call to Order: 7:30 pm

There were 21 persons present as recorded in the sign in book.

Minutes: Approved as published in Ham Chatter.

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

Treasurer's Report: Gerry Clayton, **K4IDD**, gave the report.

Equipment: Ted Bertrand, **KI4PWX**, had nothing to report. BARC is looking for a new equipment manager. Contact Richard Campbell, **W4JNC**, if interested.

VE: Ted Bertrand, **KI4PWX**, reported that the next VE session will be April 16. See w4amc.com for detail.

Health and Welfare: **K4KBB** had nothing to report.

Ham Chatter: Dave Langley, **W4YDY**, had nothing to report.

Publicity: Taylor Miller, **W4WTM**, reported that an announcement for the VE session would run in the Daily Reflector.

Pitt County ARES: Bill Dawson, **WA4SLC**, reported that the next AREAS 1 & 2 meeting would be 10 am, May 11 in Plymouth followed by a meeting of the Columbia Repeater Association.

Public Service: Byron Highland, **K4BMH**, gave a report on the Odyssey of the Mind. Thanks to all who participated to help out. The MS Walk will be April 27, 9 am to Noon at the Greenville Town Commons. Contact Josh Steele, **KB3VKH**, if you are interested in volunteering to help provide communications along the walk route.

Future Programs: Terry Monday, **K4ZYD**, reported that next months program will be given by Rick Niswander, **K7GM**, ARRL Treasurer and Vice Chancellor of Finance at ECU.

Old Business: None

New Business: None

Announcements: The Down East Ham Fest (Kinston) will be April 27.

50/50 Drawing Winner: Mike Langley, **KD4MTT**, won the raffle

Program: Peter Van Houten, **KG4WEZ**, gave a presentation how he and John McCoy, **K4KBB**, participated in the NC QSO Party mobile from the Outer Banks.

Adjournment: 9:00 pm

Respectfully Submitted by

Ted Bertrand, KI4PWX
BARC Secretary

BARC Board Minutes - April 2013

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

FCC Again Denies ARRL's Petition in BPL Proceeding



On April 16, the FCC issued a Second Memorandum Opinion and Order (MO&O), denying the ARRL's December 2011 Petition for Reconsideration that sought reconsideration of the FCC's Second Report and Order (BPL Second Order), "fundamentally affirm[ing]" its rules for Access Broadband over Power Line (Access BPL) systems.

In denying the ARRL's Petition, the FCC noted that the Petition "[did] not raise new arguments based on new information in the record or on the Commission's new analysis of limited points as directed by the Court, nor does it demonstrate any errors or omissions in the Commission's previous decisions," and that its previous rulings "strike an appropriate balance between the dual objectives of providing for Access BPL technology -- which has potential applications for broadband and Smart Grid uses -- while protecting incumbent radio services against harmful interference."

The ARRL made 14 principal points in its Petition, each of which was aimed at urging the FCC to enact additional rules that would permit BPL systems to operate without the severe interference potential inherent in BPL technology. The ARRL argued that the current rules do not address this severe interference potential, which was manifested in every deployment of BPL in which the safeguards urged by the ARRL were absent. The FCC dismissed all of the ARRL's arguments, claiming that the ARRL "did not submit any new information," made "no new argument" or that it had, in the Commission's view, failed to make its point. (*More at <http://www.arrl.org/news/fcc-again-denies-arrl-s-em-petition-em-in-bpl-proceeding>*). - via ARRL.ORG

Radio Amateurs Provide Communication Support in Boston Marathon Bombings

As has happened many times in years past, over 200 Amateur Radio operators participated in communications for the Boston Marathon on Monday, April 15, 2013. Unlike prior challenging situations such as very warm weather for the runners or other weather-related challenges, this year's marathon will be remembered for the bombings that took place at the finish line. Despite this heinous act, professional first responders, medical volunteers from the American Red Cross that staffed the route, and Amateur Radio operators performed magnificently in the face of adversity.

"Within minutes, cell phone

systems became overloaded and making phone calls and text messages was difficult. Amateur Radio operators performed communication duties under duress and performed admirably. No Amateur Radio volunteers were injured on the course in this terrible act," said Steve Schwarm, W3EVE, who is the Amateur Radio Course Communication Coordinator and associated with a consortium of clubs and groups known as Marathon Amateur Radio Communications (MARC). *Much more at (<http://www.arrl.org/news/radio-amateurs-provide-communication-support-in-boston-marathon-bombings-updated>) - via ARRL.ORG*

Florida Man Cited for Causing Harmful Interference to Radio Amateurs



The FCC [FCC's] Tampa Office received information that Mr Lopez tried to eliminate the interference by replacing the A/C line filter for the well pump, but the new filter did not resolve the interference." Lopez was found by the FCC to be in violation Section 15.5(b) and (c) of the FCC's rules by operating an incidental radiator and causing harmful interference. He was instructed by the FCC to "take immediate steps to ensure that he does not continue to cause harmful interference, including repairing or replacing his well pump and associated control circuitry." The FCC advised Lopez that if he continues to violate the Communications Act or the FCC's rules, it "may impose monetary forfeitures of up to \$16,000 for each such violation, or in the case of a continuing violation, up to a maximum forfeiture of \$112,500 for any single act or failure to act. In addition, violation of the Communications Act or the [FCC's] rules also can result in seizure of the equipment through in rem forfeiture actions, as well as criminal sanctions, including imprisonment."

has issued a Citation and Order to Ruben D. Lopez Jr of Pomona Park, Florida. The Citation, issued April 23, is in response to several complaints about a well pump at Lopez's residence that was acting as an incidental radiator and causing harmful interference to local radio amateurs. In July 2010 and February 2011, the FCC received complaints from radio amateurs regarding interference on the MF and HF Amateur Radio bands. Upon investigation, the FCC found that a well pump at Lopez's residence was causing the interference, and advised Lopez of the complaints and of the rules regarding interference to licensed radio services. The FCC instructed Lopez to resolve any interference.

According to the Citation, in October 2012 -- in response to another interference complaint -- FCC agents "used direction finding equipment to identify Mr Lopez's well pump as the source of transmissions on the frequency 1800 kHz. The agents...confirmed that Mr Lopez's well pump was the source of the interference by conducting on/off tests -- the interference ceased when the well pump was turned off. The agents informed Mr Lopez that he must cease operating his well pump until the interference could be resolved. After the October 23, 2012 inspection, the

If he desires, Lopez has until May 23 to respond to the Citation, either through an in-person meeting with the FCC office in Tampa, or via a written statement that should detail any actions Lopez has taken "to ensure that he does not violate the Communications Act or the [FCC's] rules governing the operation of incidental radiators in the future."

- via ARRL.ORG 04/24/2013

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!

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/>

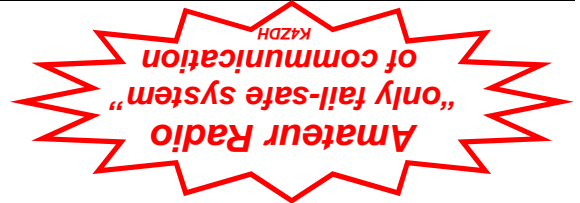
BARC CALENDAR OF EVENTS

May 14	Regular Meeting	Aug 27	Board Meeting
May 25/26.	CQ WW CW WPX Contest	Aug 31	HAM CHATTER DEADLINE
May 28	Board Meeting	Aug 31/Sep 1	Shelby Hamfest
Jun 1.	HAM CHATTER DEADLINE	Sep 10	Regular Meeting
Jun 11.	Regular Meeting	Sep 14	Virginia Beach Hamfest
Jun 18.	BARC VE Session – TUESDAY	Sept 24.	Board Meeting
Jun 22/23	ARRL Field Day	Sept 28.	HAM CHATTER DEADLINE
Jun 25.	Board Meeting	Sept 28/29	CQ WW RTTY Contest
Jun 29.	HAM CHATTER DEADLINE	Oct 8.	Regular Meeting
Jul 9	Regular Meeting	Oct 15.	BARC VE Session – TUESDAY
Jul 13/14.	IARU HF World Championship	Oct 26/27	CQ WW SSB DX Contest
Jul 20	Cary Hamfest	Oct 29.	Board Meeting
Jul 30	Board Meeting	Nov 24 ?	JARSFEST - Benson
Aug 3	HAM CHATTER DEADLINE		
Aug 13	Regular Meeting		
Aug 20	BARC VE Session – TUESDAY		

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



**May 2013
Next Meeting
May 14**

To:



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