

Ham Chatter



Volume 37 Issue 5

An Official BARC, W4AMC, Publication

May 2003

Editor, Dave Langley, W4YDY - Email: w4amc@qsl.net Contributing Editor: Murray Merner, K4MHM

Meet the Member Scott LeMoine KG4PZQ

Scott is the youngest member of BARC. A junior at D.H. Conley, he came to Greenville in 1998 as rising sixth grader. He has a Technician license which he achieved in the spring of 2001 after attending a BARC Technician license course. He got interested in ham radio while listening to his dad Dave, KV4CN, and his brother Tod, KG4CCX, talking at the dinner table. He is working on the Morse code and studying the General Class license material.

The limitations of the Tech license have not held Scott back. With an early interest in space, he has turned his attention to using Amateur Radio satellites. Working primarily with SO 20 and SO 29, he has made four to six contacts each with Louisiana and Florida on the satellites' two a day north to south passes. The QSO's have ranged from 15 seconds to 5 or 6 minutes. The shorter QSO's are an exchange of signal report and grid square with the longer ones being rag

(Continued on page 6)



Scott LeMoine, KG4PZQ, at FD

Next Meeting May 13

The Brightleaf Amateur Radio Club will have its next regular meeting on May 13 at 7:30 PM at VFW Post Home 7032 at 1108 Mumford Road in Greenville. Program to be announced. Also, there will be Field Day updates from Richard Campbell, KG4SNE. All members, families and guests are invited to attend.

The next board meeting is set for May 27 at 7:30. The meeting is open to all members.

FACT: BARC Club station W4AMC license was renewed for another 10 years effective until June 1, 2013. - W4TEP

April 18 VE Session Results

The April VE session was very successful with five applicants passing their exams. Taylor Millar, KG4SNC, passed the code test so he is now a Technician with HF privileges. David Beaver, N3GTM, Greenville, passed Element 3 to complete the General Class requirements. Paul Brechtelsbauer, KG4ZVM, Greenville, passed Elements 1 and 2 to qualify for Technician with HF privileges. Bill Blount, KG4ZVL, Greenville, and Jim Clifton, KG4ZVN, Snow Hill, passed Element 2 to qualify for Technician licenses. The last three received their new call signs effective April 22, 2003 (that was quick!).

VE Liaison Tom Parsons, W4TEP, was assisted by Gerry Clayton, K4IDD, Murray Merner, K4MHM, Dave LeMoine, KV4CN, Gary Gasperini, AF4XV, and Dave Langley, W4YDY.

BARC Raffle and Special Event Station at Dogwood Festival

BARC operated its second special event station of the year at the 16th Annual Farmville Dogwood Festival. Billy Hill of Greenville won the "Companion" Holland Grill that was raffled on Sunday, April 27 near the end of the festival. Several photos of the BARC participation, can be seen at <http://www.qsl.net/w4amc/#Pictures>. The photos were taken by Taylor Millar, KG4SNC



The Holland Grill is sold at Daughtridge Gas in Greenville.

W4AMC places third!

Tom Parsons, W4TEP, reported that he received a certificate for W4AMC placing third in the State club category in the North Carolina QSO Party held in February. Several BARC members operated W4AMC at the VOA Site C location. They made 124 SSB contacts on 5 bands for a total of 13,565 points. Congratulations to all that participated

President's Corner

Dave, KV4CN

A third of the year has passed so this is a good time to reflect on the club's activities to date. Thanks to the time and support of a lot of members, we have had an active year so far. The raffle was a great success, and my thanks to those who sold tickets and staffed the tables at the Kinston and Raleigh hamfests. Additional thanks to those who negotiated the procurement of the grill. If you missed any of the events so far, there is plenty of opportunity coming to be a part of Field Day, and beyond that, to offer ideas and participation for late summer and fall.

Continuing along a theme in last month's message, the threat to our amateur bands is real. Have you read, heard of, or are using Wi-Fi? Wi-Fi or wireless fidelity is wireless computer network connections that operate (for now) at 2.4 Ghz. If you are a microwave or satellite operator, some concern should be noted. At the recent Southeastern VHF Society meeting, the ARRL spoke out that they would be fighting any infringement on the VHF bands. Let us let our elected officials know who we are and what we do. Voice your opinion to them. As a club, we need to keep amateur radio in front of the public at any possible opportunity. Again, thanks for all that you do for the club and the hobby.

See you at the meeting!

73, Dave KV4CN



Happy Birthday

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

- 14 W4TEP Tom Parsons
- 19 KB4KR J. Lawry Bennetts
- 21 KG4WEX Mindy Weed

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

Amateur Radio Spectrum Protection Act to get public airing

The chairman of the House Subcommittee on Telecommunications and the Internet has agreed to hear testimony on the House version of the Amateur Radio Spectrum Protection Act of 2003, HR 713, at a public hearing later this spring. Rep Fred Upton (R-MI) this week assured the bill's sponsor, Rep Michael Bilirakis (R-FL), that the hearing--which will be convened to address public safety spectrum needs--will include an opportunity for a member of the Amateur Radio community to appear before the panel. Upton also told Bilirakis that he shares his interest in protecting Amateur Radio.

"That indeed is good news!" said ARRL President Jim Haynie, W5JBP. "A hearing is exactly what we'd like to have in order to state our case, and I think we can state a good case, too." The date of the hearing has not been set.

Upton's willingness to hear testimony on the bill is considered critical to providing it with the credibility it needs as it moves through the legislative process. It also marks a major step toward getting HR 713 through this Congress.

The agreement, during a meeting of the full House Energy and Commerce Committee, came after Bilirakis asked to speak prior to consideration of another piece of spectrum legislation, HR 1320, the Commercial Spectrum Enhancement

Act, which Upton sponsored. During his comments, Bilirakis spent about five minutes discussing the importance of Amateur Radio to the committee, chaired by Rep Billy Tauzin (R-LA).

The newest cosponsors of HR 713 include representatives Jerry Moran (D-KS), John Olver (D-MA), Mike Ross, WD5DVR (D-AR), and **Walter Jones, Jr (R-NC)**.

The Senate version of the Amateur Radio Spectrum Protection Act, S 537, recently got a boost when the chairman of the Senate Communications Subcommittee, Montana Republican Conrad Burns, signed on as a cosponsor. His cosponsorship indicates that the measure now has his attention and could convince others to follow suit.

Bilirakis filed HR 713 on February 12, while Idaho Sen. Michael Crapo introduced S 537 on March 6. The legislation would amend the Communications Act to require the FCC to provide "equivalent replacement spectrum" to Amateur Radio and the Amateur-Satellite Service in the event of a reallocation of primary amateur allocations, any reduction in secondary amateur allocations, or

(Continued on page 6)

BARC trailer cleanup

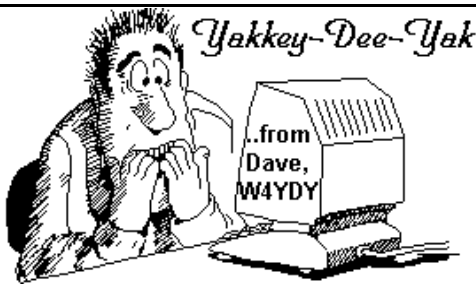
On June 19, several members of the club were at Mark's Marine to assist in the trailer cleanup and arrangement of the equipment. It was in preparation for the Dogwood Festival and Field Day in June. Also, there was some work on the best way to mount the new Tarheel screwdriver antenna on the trailer.

BARC Patches Available

Patches are \$2.00 each or 3 for \$5.00. They can be sewn onto hats, shirts, or jackets. Anyone interested in purchasing these can do so at the regular club meetings or contact John McCoy, K4KBB. Power pole connectors were sold out.

In This Issue

<i>Meet the Member - KG4PZQ</i>	1
<i>April VE session results</i>	1
<i>President's Corner, KV4CN</i>	2
<i>Spectrum Protection Act</i>	2
<i>Power Line HF interference threat</i>	4
<i>CSCE Element 1 HF explanation</i>	4
<i>Unlicensed 10-meter incursions</i>	5
<i>Next BARC VE Session - June 20</i>	5
<i>"CC&R Bill" reintroduced</i>	6
<i>WA4MOK Appointed NC SEC</i>	7
<i>Hams in Iraq</i>	7
<i>BARC Meeting Minutes</i>	8
<i>BARC Board Minutes</i>	8
<i>Ads</i>	9
<i>Nets</i>	9



This issue of Ham Chatter completes my sixth year as editor. Thanks to all that have contributed, especially the past and present Presidents for their columns and the Secretaries for the timely minutes. Thanks to Juanita Humbles, KE4JWK, for her help in showing me the ropes to get it printed and mailed.

I'm sure everyone enjoys the Meet the Member columns. Murray Merner, K4MHM, Contributing Editor, has done over 95 percent of them and it has been an outstanding job. I'm sure it is the most popular feature of Ham Chatter. In the past 6 years, Murray has interviewed and written the column and also been a very busy Elmer, class organizer, instructor, Field Day chairman and President of the club for 2 years. He also has written many other articles for Ham Chatter. Many have told me that they enjoyed Ham Chatter but much of the credit goes to Murray for his assistance. Ham Chatter would not be near the newsletter that you have seen for the past 6 years if it had not been for Murray Merner, K4MHM. Thanks Murray.

There are very few Amateur Radio operators that do not remember their first on the air experience. It is usually an exciting and nervous time. Mine was no different.

I had been listening to the hams talking on the 75 meter phone band using an old Philco floor AM model radio that my parents bought in 1934. It covered the broadcast band and up to 18 megacycles (Mc). (Now it is called Megahertz because that takes care of the cycles per second.) All the phone operation was on

AM, so I got to hear several hams as an SWL and later talked to and met in person after I was licensed. I only knew two hams, (W4QI, my first cousin and W4BBS) and they lived over 150 miles away. I lived in Aurora and the closest hams were in Washington and New Bern, about 30 miles away. For the most part, I studied on my own.

After passing the Novice and Technician exams, I received WN4YDY and W4YDY. The Technician license was only good for 50 Mc and 220 Mc and above. By the time I got the license, I had a Hallicrafters SX-71 receiver that I ordered from Allied Radio in Chicago several months earlier. The license came in October and I needed a transmitter. I ordered a used Harvey-Wells TBS-50D transmitter from World Radio Labs in Council Bluffs, IA. It came in on December 24, 1952 and on Christmas day, I had it hooked up to a folded dipole made



Hallicrafters SX-71 - Tnx WD8D

from 300 ohm TV twin lead. It seem to load up a little bit. Had no idea about the match because I didn't have anything to measure it with and being a Senior in high school at the time, I probably didn't know any better.

Anyway, I fired up it up at 2:45 PM on Christmas day and called CQ for 2 minutes on the Novice CW band using a 3.723 megacycle crystal. According to the logging requirements as stated in the ARRL log book, entries were required for *any* calls made. When I called CQ, the CQ was logged. At 2:50, I called a strong station, WN4YHI, who had called CQ on the same frequency for 2 minutes. It really wasn't a long call because my CW speed was about 3 or 4 WPM! I had not copied code any since I had passed

the exams 5 months earlier. Well, he didn't return my call. So at 3 PM, I called CQ again for 3 minutes. Still no answer. Took a short break and called CQ again at 3:25. Then at 3:30, I called WN4YHI again after his CQ and then I heard WN4YDY coming over my speaker in Morse code! My station was in my bedroom on the second floor and it scared me so much to hear someone else sending my call sign, I almost jumped out the window! But I got my nerve up and shaking, I answer him. Our speed was running about 4 WPM so meaningful communication was slow. I sent him my name and QTH and then he sent me his. My code was so bad, I had to ask for repeats several times and finally on the fourth try and his speed at about 3 WPM or maybe it was 1 or 2 WPM, I got it. It was George in Fremont, NC, a high school Junior. In my first QSO, we exchanged signal reports, name and QTH and it only took 45 minutes!

I called CQ five more times on Christmas Day and got one answer. But the QRM wipe us out. I called four stations but the QRM was too bad or they answered someone else. I operated for almost 10 hours that day but only had the 45 minute contact with WN4YHI.

Over the 3 1/2 months before I upgraded to General, George and I had 47 contacts on the 80 meter Novice band and I visited him in Fremont once. George's speed was much better than mine when we first started on the air, but I picked up quickly by operating and also copying W1AW. By the time I did upgrade, I was up to 18 WPM so the 13 WPM was very easy copying the one minute solid. But if the testing was the same as back then it was advised not to do like I did. About 6 weeks before I upgrade with the code test, I copied 13 WPM from W1AW and from my 78 rpm code records and took the 155 mile trip to Norfolk the next day. That 13 WPM sounded like a buzz saw. I though he was sending me the 20 WPM

(Continued on page 5)

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 - DAVID LEMOINE, KV4CN, 353-8523 □ FIRST V. PRESIDENT - BYRON HIGHLAND, K4BMH, 753-2895 □ SECOND V. PRESIDENT - JEFF HARDEE, K4HMF, 830-6879 □ SECRETARY - TAYLOR MILLAR, KG4SNC, 756-2192 □ TREASURER - JOHN McCOY, K4KBB, 758-1719 □ BOARD MEMBER - MIKE LANGLEY, KD4MTT, 752-4356 □ BOARD MEMBER- RICHARD CAMPBELL, KG4SNE, 758-1244 □ PUBLIC RELATIONS - PAT WILLIAMS, KG4NSC, 752-9281 □ W4AMC/W4VOA TRUSTEE, TOM PARSONS, W4TEP, 355-2815 □ VE LAISON, TOM PARSONS, W4TEP, 355-2815 □ HAM CHATTER & WEB SITE EDITOR - DAVE LANGLEY, W4YDY, 321-2525 □ CONTRIBUTING EDITOR - MURRAY MERNER, K4MHM, 757-3429 □ EMAIL ADDRESSES ON BARC WEB SITE □ OPINIONS BY WRITERS MAY NOT NECESSARILY BE THAT OF THE BARC. □ CONTRIBUTIONS ARE TAX DEDUCTABLE.

"Broadband over power line" poses HF interference threat

The FCC soon will invite public comment on the concept of using existing electrical power lines to deliver Internet and broadband service to homes and offices. The Commission initiated a Notice of Inquiry (NOI) in ET Docket 03-104 when it met April 23. What the FCC calls "Broadband over Power Line" (BPL) is a form of carrier-current technology typically known as power line communication (PLC). Whatever its name, the technology is raising serious interference concerns within the Amateur Radio community, since BPL would apply high-frequency RF to parts of the power grid. One aspect of the NOI is to gather information on potential interference effects on authorized spectrum users.

"Entire communities will be affected, so every amateur in that community could have part of the radiating system 'next door' on the power wiring on his or her street," cautioned ARRL Lab Supervisor Ed Hare, W1RFI. Hare chairs the PLC Work Group of the IEEE C63 Accredited Standards Committee on Electromagnetic Compatibility <<http://c63.ieee.org/>>.

The complete NOI has not yet been released, and until that happens, the FCC will not formally accept comments in the proceeding. The ARRL will be among those expected to submit detailed comments in ET 03-104.

So-called "access BPL" would use medium-voltage (1 kV to 40 kV) power lines to deliver Internet and broadband applications. Hare says access BPL is likely to be a more significant interference source than in-building PLC technology "because overhead electrical wiring is a much better antenna than the electrical wiring within a building."

ARRL CEO David Sumner, K1ZZ, editorialized on the subject of PLC in "It Seems to Us . . ." in the October issue of 2002 QST. "Is it possible to do power line communications without causing interference to over-the-air communications?" Sumner asked. "Count us among the skeptics. What may be a fine transmission line at 60 Hz looks more like an antenna at HF." Hare said his own computer analyses of interference potential from access BPL/PLC suggest "a significant increase in

noise levels" from deployed systems.

The FCC appears enthusiastic about BPL, however, saying it has the potential to "provide consumers with the freedom to access broadband services from any room in the house without adding or paying for additional connections." The Commission also touted BPL as "a competitive alternative to digital subscriber line and cable modem services."

New digital power line designs use multiple carriers spread over a wide frequency range--from 2 MHz up to 80 MHz--and capable of high data rates--up to 20 MB/s, the FCC said.

In addition to viewpoints on interference potential, the FCC also has requested comments on the current state of high-speed BPL technology, test results from BPL experimental sites, appropriate measurement procedure for testing emission characteristics for all types of carrier-current systems, changes that may be needed in Part 15 technical rules, and the equipment approval process to foster the development of BPL.

Tests of BPL are under way in several states, including Alabama, Maryland, Missouri, New York, Ohio, Pennsylvania and Virginia. Hare says ARRL Lab personnel will visit some of the test cities this spring to take field measurements to quantify the potential for interference to Amateur Radio operations.

BPL/PLC technology already has been deployed in some European countries, and amateurs there have complained about interference. Japan--responding in part to concerns expressed by its amateur community--decided last year not to adopt the technology because of its interference potential. - Via ARRL Letter Online 4/25/03

Technician with code HF frequencies

3.675 to 3.725 MHz - CW only
 7.100 to 7.150 MHz - CW only
 21.100 to 21.200 MHz - CW only
 28.100 to 28.300 MHz - CW, RTTY and Data
 28.300 to 28.500 MHz - CW and SSB
 Phone

When does a CSCE also confer HF operating authority?

Despite the fact that it expires 365 days after it's issued, a Certificate of Successful Completion of Examination (CSCE) can confer permanent operating authority under certain circumstances. When the FCC ceased issuing the Tech Plus license in April 2000, the issue resurfaced. As most hams know, the FCC's Amateur Radio Service database no longer distinguishes between Technicians without code credit and those with code credit. A Tech Plus ticket returns from renewal stamped simply "Technician," although the database does indicate "Tech Plus" as the "previous license class" and the new license document is stamped "License Class Converted per §97.21(a)(3)"--the applicable rule--although this same legend does not appear in the FCC licensee database. **According to the FCC, the CSCE a volunteer examiner team issues to a newer Technician licensee who passes Element 1 now confers "Tech Plus" HF operating privilege purposes indefinitely and should be retained as part of one's license document. But--and this is a big but--the same CSCE cannot be used toward an upgrade beyond its 365-day lifetime.**

Applicants who wait more than a year to go after General or Extra would have to take Element 1 again. More specific information is available on the ARRL VEC Web site <<http://www.arrl.org/arrlvec/grandfather.html>>. - via ARRL Letter Online 3/4/03

Editors note: The underline and bold fonts were added to the text by the HC editor.

Technician + code CSCE simple explanation (I hope!)

Starting on April 15, 2000, anyone taking Element 1 (code exam) and also has the Technician license, will have "Tech Plus" HF bands. Just keep the CSCE with the license. **BUT.....**, the CSCE can only be used for upgrading for 365 days. After that, Element 1 will be required again for upgrading.

Yakkey-Dee-Yak from Dave, W4YDY

(Continued from page 3)

test! Have some cushion to overcome the nerves. The 200 plus CW contacts on the Novice bands helped also.

George and I talked about 20 times until 1958 when we were both Generals. I have wondered what happen to him since his call has not been in the FCC database for years and his name is



Harvey-Wells TBS-50D

not in the computer databases. The Harvey-Wells TBS-50D AM/CW transmitter was an outstanding TV transmitter! I figured it must have been because it was built before Amateur Radio transmitters were shielded and bypassed for TV interference prevention. It covered 80 meters to 2 meters using an 807 tube modulated by a pair of 6L6 tubes running 50 watts on the HF bands and lower power on 6 and 2 meters. My experiences with TVI and mobile operation with the Harvey-Well was a learning experience, especially since if I needed some technical help, I had to go to a book or get it over the air. But that's another story. - W4YDY

FCC seeks assistance in curbing unlicensed 10-meter incursions

The FCC has requested the assistance of the ARRL Amateur Auxiliary/ Official Observers <<http://www.arrl.org/FandES/field/org/oo.html>> in monitoring for illegal operation on 10-meters. The request came in an April 28 letter from FCC Special Counsel Riley Hollingsworth, who says incursions on the band by apparently unlicensed operators continue to be a major enforcement headache.

"This is the first phase of a renewed investigation effort and may be thought of as detect, collect data, and report," said ARRL Field and Regulatory Correspondent Chuck Skolaut, K0BOG. Skolaut forwarded the request to members of the Amateur Auxiliary May 1.

Hollingsworth said the FCC wants help with a stepped-up effort over the next six months--from May through October--to identify any unlicensed operation on 10 meters "whether from business entities--including trucking companies--truckers or other individuals operating domestically." Hollingsworth said the FCC does not need direction-finding but would appreciate where possible "the names and cities of the operators, and license plate numbers and state if from a vehicle."

Skolaut said the FCC would like to concentrate on obtaining reports of this type of operation to help identify specific areas of the US where this problem is prevalent, although he concedes that not all illegal 10-meter operation originates in the US. "The FCC asks that OOs obtain as

much information as possible and send their reports through normal channels to ARRL Headquarters," he said. The decision to record the transmissions of suspected interlopers was left to the discretion of the individual OOs.

The FCC request was made under a longstanding agreement between ARRL and the FCC regarding the use of Amateur Radio volunteers to assist in enforcement. - *via ARRL Letter Online 5/2/03*

Amateurs invited to participate in Armed Forces Day event

The US Army, Air Force, Navy, Marine Corps and Coast Guard will co-sponsor the annual military/Amateur Radio crossband communications tests May 10-11. The event will mark the 53rd celebration of Armed Forces Day. Although Armed Forces Day actually is Saturday, May 17, the Armed Forces Day Amateur Radio event is held a week earlier to avoid conflicting with Hamvention <<http://www.hamvention.org>>.

The event features a military-to-amateur crossband communications SSB voice test and the Secretary of Defense message receiving test. During the crossband test, 14 military stations will listen on amateur frequencies and transmit on se-

(Continued on page 9)

Next VE Session

The next Brightleaf Amateur Radio Club VE session will be held on **June 20**. Exams will be held at St. Peter's School on 5th Street and will start promptly at 6:30 PM. Tom Parsons, W4TEP, 355-2815. w4tep@arrl.net. Please bring the following:


- ◆ Photo ID (drivers license)
- ◆ Original Amateur Radio License
- ◆ Copy of Amateur Radio License
- ◆ Original CSCE's
- ◆ Copy of CSCE
- ◆ Test fee is \$12.00
- ◆ Proof of Tech Plus if before 3/21/87 and doing paper upgrade to General.

Email addresses

Please send me your new addresses so I can update my records. I need the correct addresses to notify members when the latest *Ham Chatter* goes online, important notifications and update the email roster on the web site. - W4YDY

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.

Meet the Member Scott LeMoine KG4PZQ

(Continued from page 1)

chews. Scott admits that it is not easy, but he likes the challenge. Using an Icom 820 2 meter/440 dual bander, a computer program for location, azimuth and elevation, he points his 2 meter and 440 yagi antennas in the general direction and with a little fine tuning is able to make contact. He plans to use AO 40 when they can get the equipment right.

He doesn't have HF privileges yet but has been able to help his dad and Tod in contesting. Field Day, Special Event Stations at the International and Dogwood Festivals and the NC QSO Party at VOA have been some of his other activities. He has enjoyed the ham-fests in Kinston and Raleigh. Scott gets on the BARC Monday night net when he's not tied up with school activities.

At school, he is on the wrestling team and his favorite subject is physics - he likes math too. Other activities include Scouts. After the completion of his service project he will qualify for Eagle Scout. Scott got interested in sailing after taking a class in scout camp and has a 16 foot Sunfish Class sailboat he sails in the Pamlico River. He hasn't settled on a career yet, but he's got a lot of time for that decision.

In addition to dad and brother, Scott has his mother Karen to keep him on the straight and narrow.

Scott is a good example of the youth in Amateur Radio. He's well rounded, enthusiastic, likes a challenge, is sociable and academically oriented. Scott plays his part in BARC and I'll guess that he'll do even more in the future. We do appreciate what you do and your efforts to be a better ham. *K4MHM*

Ham radio "CC&R Bill" reintroduced in Congress

Another Congressional attempt is under way to provide relief to amateurs prevented by private deed covenants, conditions and restrictions (CC&Rs) from installing outdoor antennas. Rep Steve Israel (D-NY) has again introduced the "Amateur Radio Emergency Communications Consistency Act" into the current session of Congress. The measure, designated HR 1478, would require private land-use regulators such as homeowners' associations to "reasonably accommodate" Amateur Radio antennas consistent with the PRB-1 limited federal preemption. PRB-1 now applies only to states and municipalities.

In remarks introducing HR 1478, Israel said passage of his bill not only would assist Amateur Radio operators but society as a whole. "Organized Amateur Radio operators--or "hams"--regularly provide emergency communication when regular communications channels are disrupted by disaster," Israel pointed out. The growth of developed communities has put a growing number of hams under an "array of inconsistent regulations," he said, that make it harder and harder--or altogether impossible--to erect the necessary antennas.

"Not allowing hams the equipment they need could restrict communication to the local community in similar situations in the future." Israel said his bill "seeks to ensure the continued viability of Amateur Radio through consistent application of federal regulations."

The one-sentence measure is identical to the text of the CC&R bill that was introduced in the last Congress: "For purposes of the Federal Communications Commission's regulation relating to station antenna structures in the Amateur Radio

Service (47 CFR 97.15), any private land use rules applicable to such structures shall be treated as a state or local regulation and shall be subject to the same requirements and limitations as a state or local regulation."

HR 1478 has bipartisan support. Leading the list of 13 initial cosponsors for the measure are Reps Greg Walden, WB7OCE, (R-OR) and Mike Ross, WD5DVR, (D-AR)--believed to be the only Amateur Radio licensees in Congress. Joining them are representatives Tammy Baldwin (D-WI), Roscoe Bartlett (R-MD), Marion Berry (D-AR), Rick Boucher (D-VA), Jo Ann Davis (R-VA), Ralph Hall (D-TX), Carolyn McCarthy (D-NY), Michael McNulty (D-NY), Dennis Moore (D-KS), **Charles Taylor (R-NC)** and Patrick Tiberi (R-OH).

ARRL President Jim Haynie, W5JBP, said he was happy to see the bill back before Congress. "Of course I am very pleased that Rep Israel has reintroduced the bill," Haynie said. "The League can do the mechanics, but it is now up to our members to write their elected representative and urge support and ask that they cosponsor and support the bill." Haynie noted that the League has recently ramped up its efforts to educate members of Congress about Amateur Radio, but he said lawmakers respond best to individual members.

HR 1478 has been assigned to the House Energy and Commerce Committee. Information about the bill and a sample letter to use when contacting your representative are available on the ARRL Web site <<http://www.arrl.org/govrelations/hr1478/>>. - via *ARRL Letter Online* 3/4/03

Amateur Radio Spectrum Protection Act

(Continued from page 2)

"additional allocations within such bands" that would substantially reduce their utility to amateurs. Bilirakis and Crapo, both Republicans, have twice before sponsored similar legislation at the League's recommendation. The bills point out Amateur

Radio's volunteer role in providing emergency communication during disasters and emergencies.

Haynie continues to encourage ARRL members to urge their senators and representatives and to cosponsor the bills. "Letters and e-mails are the key to getting legislation passed," Haynie says. A sample letter is available on the ARRL Web site <<http://www.arrl.org/govrelations/arspa.html>>.

Those writing their lawmakers are asked to copy their correspondence to the League via e-mail <specbill03@arrl.org>. (For additional information, see "Communicating with Congress," by Derek Riker, KB3JLF, QST May 2003, p 46.)

The text of HR 713 and S 537 is available via the Thomas Web site <<http://thomas.loc.gov/>>. -Via *ARRL Letter* 5/2/03

Hams in Iraq WA4MOK Appointed NC SEC

Several radio amateurs--including some of the world's top operators--are among United Nations World Food Program (WFP) "Fast Intervention Team" (FITTEST) personnel already in Iraq or poised nearby and expected to be inside the war-ravaged country very soon. FITTEST is responsible for building technical infrastructure to ensure WFP can move relief food supplies rapidly and safely. Any ham radio operations would be secondary to the WFP's efforts in Iraq, however.

Peter Casier, ON6TT--who's expected in Baghdad as early as next week--says the WFP will have a critical role in the post-conflict era in Iraq "where 60 percent of the population is dependent on external food aid." In ham radio circles, Casier may be better-known as a top contester and one the operators of Afghanistan's YA5T after the US-led military action there in 2001.

Other YA5T alumni expected to soon be in Iraq as part of the WFP effort include Robert Kasca, S53R--the last UN international staff person evacuated from Iraq before the conflict--Mark Demeuleneere, ON4WW, and Mats Persson, SM7PKK. Casier and Demeuleneere paired up at World Radiosport Team Championship (WRTC) events in 2000 and 2002. Kasca was director of competition for WRTC 2000. Casier says he, Kasca and Dane Novarlic, S57CQ, were on the air from Iraq until just before the war broke out.

Casier reports that Diya Sayah, YI1DZ--one of the primary operators at the Baghdad Radio Club's YI1BGD and the WFP's Baghdad telecommunications officer--is safe and well in Iraq.

FITTEST also has a mandate to install or build basic technical networks, Casier said, including such systems as VHF repeaters, satellite communications and HF fixed and mobile stations. The team also will set up radio rooms, rework administrative procedures, and assign call signs for all UN humanitarian-aid workers and non-governmental organizations (NGOs)--other international aid organizations.

Others ready to go include Ed

by Gary Pearce KN4AQ
NC Section PIC

Bernie Nobles, WA4MOK, of Winterville will become the new NC ARRL Section Emergency Coordinator (SEC), effective April 12th, 2003. Nobles was appointed by NC Section Manager John Covington W4CC after current SEC Dave Fleming, KE4JHJ, of Winston-Salem decided to step down after four years of service.

The SEC is appointed to take care of all matters pertaining to emergency communications and the Amateur Radio Emergency Service in the section. The SEC generally has a statewide presence on the Tar Heel Net, nightly at 7:30 on 3923 kHz (the Tar Heel net is the official Section HF ARES net).

"I'm very pleased to be able to appoint a well-qualified person to this position," Covington said. "Bernie has served us well as the Eastern Branch Assistant SEC for four years, and served as a District EC for four years before that. He will do an outstanding job as SEC." Nobles was also Pitt County EC.

Bernie Nobles was first licensed in 1960. He is a past president of the Brightleaf Amateur Radio Club in Greenville (seven times), and chaired the club's Field Day effort at least 16 times, according to the club's newsletter, the Ham

Giorgadze, 4L4FN, who's in Turkey. Until last November Giorgadze had operated from North Korea as P5/4L4FN while on a WFP assignment in Pyongyang. Patrick Pointu, F5ORF, and Mark Tell, VK4KMT, among several other FITTEST team members who are radio amateurs.

The Daily DX <<http://www.dailydx.com>> reported this week that Willie Mohney, YI/KV4EB, has been operating daily on 15 meters at or around 21.270 MHz, moving to 20 meters--perhaps around 14.255. . - Via ARRL Letter Online 4/25/03

Chatter. Editor Dave Langley, W4YDY, adds that recently Nobles has been actively elmering new hams in the BARC club, running sessions on operating, setting up a station, emergency operations, antennas, demos, etc. Professionally, he is a site supervisor for the UNC Public Television system, and spends a lot of time several thousand feet in the air on towers around the state.



Bernie Nobles, WA4MOK

Outgoing SEC Dave Fleming served during two

challenging disasters for ARES - Hurricane Floyd in 1999 and the December 2002 ice storms, and has been involved in development of the recently completed NC RACES Guidelines. "Dave will be-



Dave Fleming, KE4JHJ

come the Area 9 District EC, which has been a difficult position to fill. I'm glad Dave is remaining a part of the team, he has been a big contributor to ARES in many ways," Covington said.

NC Section leadership wish to thank both Dave Fleming and Bernie Nobles for their participation in ARES.

From NC Section PIC press release 4/6/03

Ron Knapp, W9EF, New Eastern Branch Assistant SEC

Bernie Nobles, WA4MOK, reported that Ron Knapp, W9EF, from Kinston, NC, was appointed to the position of Eastern Branch Assistant Section Emergency Coordinator (SEC). He replaces Bernie who is now NC ARRL SEC. Ron has been very active in the Amateur Radio Emergency Service (ARES).

BARC Monthly Minutes - April 2003

BARC Monthly Meeting Minutes
Tuesday, April 8, 2003
7:30 pm at the VFW hall

Dave LeMoine, KV4CN, called the meeting to order, and asked everyone to introduce themselves with their name, call letters, and city location.

SECRETARY'S REPORT: Taylor Millar, KG4SNC, mentioned the upcoming Raleigh Ham Fest, and the raffle of the Holland Grill will take place there.

TREASURER'S REPORT: John McCoy, K4KBB reported income from all sources during March. He reported funds presently on hand at the end of March, and that so far in April that 4 people have paid their membership dues. He also reported expenses for the past month.

HEALTH AND WELFARE: It was reported that Juanita Humbles, KE4JWK, has started treatments for another 11 weeks. We all wish her well and keep her in our thoughts and prayers.

EQUIPMENT: Trailer Work Day to clean up the trailer and get it ready for the Dogwood Festival will be April 19th at 11

a.m. at Mark's Marine. Mike Langley, KD4MMT, is letting us do this inside of his shop on Hwy. 33 towards Grimesland.

PUBLICITY: Pat Williams, KG4NSC, reported that the notice about our meeting place and time was placed in the Sunday Daily Reflector and also in the Tuesday newspaper.

VE SESSIONS: Tom Parsons, W4TEP, reported that the next VE session will be held on April 18th at St. Peter's School on 5th Street at 6:30 pm.

ARES: Mike Langley announced that Bernie Nobles, WA4MOK, had been appointed to take over SEC (Section Emergency Coordinator) for the whole state of North Carolina. It was also announced that Ron Knapp, W9EF, is taking Bernie's position as head of the Eastern Branch. Mike also reported that Dr. Gray has predicted 8 hurricanes with 3 severe due to the El Ninos, and we need to be prepared.

SKY WARN: Scott LeMoine mentioned to bring up the net when we get a warning, and he reported that there will be a possible Sky Warn class with a Meteorologist in Newport later this year..

ELMER SESSIONS REVIEW: John McCoy reported that the new code class for General Class was kicked off and going good, and that the next class would be on April 24th at 7:00 p.m. It was also mentioned that class members need to get the ARRL General book so we can start teaching the text along with the code.

HAM CHATTER: Dave Langley, W4YDY, reported that he would have extra copies of the Ham Chatter at the Raleigh Hamfest to hand out.

DOGWOOD FESTIVAL: Byron Highland, K4BMH, reported that the Dogwood Festival will be held on April 25th, 26th, & 27th. He said Saturday and Sunday will be the big days. He suggested setting up the trailer at 7:30 Friday evening, and setting up at least one station. We will have ARRL message forms for the public to send messages again this year. We will start at 8:00 a.m. on Saturday, and he said to come over at 10, 11, or 12 on Sunday when you can.

RAFFLE TICKETS: The drawing for the raffle of the Holland grill will be on April 27th. Mike Langley, KD4MTT, said to

(Continued on page 9)

BARC Board Minutes - April 2003

BARC Board Meeting: April 29, 2003

Attending: Dave LeMoine, KV4CN; John McCoy, K4KBB; Mike Langley, KD4MTT; Pat Williams, KG4NSC; Dave Langley, W4YDY; Taylor Millar, KG4SNC; Richard Campbell, KG4SNE, and Byron Highland, K4BMH.

TREASURER REPORT: John McCoy, K4KBB, reported no checks written during the month, and no payables were made. The raffle of the Holland grill was very successful, he reported. The winner was Billy Hill of Greenville, and the information has been posted on the web page. It was reported that the winner was very excited about winning. Mike Langley was commended for all his help with the raffle tickets, signs, etc.

HEALTH & WELFARE: It was mentioned that Wayne Ross, WD4JPQ, was still in the hospital. A card had been sent to him from the club, it was reported. He

will continue treatments, and he was heard calling in on the net last night. Juanita Humbles was at the Farmville Dogwood Festival, and still having treatments. Keep both of these members in your thoughts and prayers. Mike Langley, KD4MTT, reported his upcoming surgery.

EQUIPMENT: Mike Langley, KD4MTT, reported that we need a ladder to go in the trailer, and also some racks to go on top of the trailer for pipes and tower sections. He also mentioned some maintenance items such as one of the lights, a spark plug for the generator, etc. There was some discussion among board members about getting a second HF rig for the club with the raffle funds. An ICOM 706 was mentioned as a good radio for the club with the number of bands that it has.

PUBLICITY: Pat Williams, KG4NSC, reported that the Field Day kits have been

ordered which include the brochures, etc. Byron Highland mentioned going to the Mayor of Greenville for a proclamation declaring radio week during the week of field day.

HAM CHATTER: Dave Langley, W4YDY, reported that the raffle winner is posted on the web page. He mentioned getting a request to send pictures of special events to ARRL.

ELMER SESSION CLASSES: John McCoy, K4KBB reported that the Morse code class at the Elmer's Sessions was going good. He said that the next Elmer Session is scheduled for May 15th at 7:00 p.m. There has been a great deal of interest in this class especially with newer members who need the code.

TOUR OF VOA: Dave Langley mentioned a possible future tour of the active Voice of America site as a future club venture since so many of the newer mem-

(Continued on page 9)

BARC Monthly Meeting Minutes

(Continued from page 8)

turn in all your tickets and money before the drawing at the Dogwood Festival. He also reported that the tickets would also be sold at the Raleigh Ham Fest.

TEDDY BEAR WALK: Dave LeMoine, KV4CN, reported that this program went well even though it was a low turnout. He also reported that they were glad to have us, and that the City Manager, Marvin Davis, complemented our club for helping with this.

SCHOOL RADIO TRAINING: Peter Van Houten, KG4WEZ, reported that Oakwood School was interested in Radio training, and their plans for this project are moving ahead.

FIELD DAY CHAIRMAN: Richard Campbell, KG4SNE, Chairman of the Field Day Event reported that the Red Cross was trying to get set up with Lowes. Murray Merner, K4MHM, is going to work on securing the Mall location.

BOARD MEETING: The next board Meeting will be on April 29th at 7:30 pm at Mike's Marine on Highway 33 east. All members are invited.

ADJOURNMENT: With no further business, the meeting adjourned at 8:39 p.m.

Respectfully submitted,
Taylor Millar, KG4SNC

Armed Forces Day event

(Continued from page 5)

lected MARS frequencies. Most military stations will commence operation at 1200 UTC on May 10. Amateurs are asked to limit contacts to two minutes or less. Eight military stations will transmit the Secretary of Defense's Armed Forces Day message at stated intervals via digital modes, including RTTY, PACTOR, AMTOR, CLOVER and MT63. QSLs and certificates are available.

More information is available on the ARRL Web site <<http://www.arrl.org/contests/announcements/af-day/armdfres-2003.html>>. - via ARRL Letter Online 5/2/03

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: **w4ydy@qsl.net**

For Sale:

Joe Aleksa, KQ4BN, SK, Estate.
1. Ten Tec Omni VI Plus Transceiver, \$1500, Power Supply PS 960, \$150, Ten Tec desk mike, \$40, all for \$1650. Offers considered

Contact Dave Langley, W4YDY, 321-2525 or email w4ydy@arrl.net

For Sale:

Mosley TA-33 HF Beam. 10, 15, 20 and 40 meters. 3 elements with 40 meter extension. Reduced to a bargain \$150. Wayne, WD4JPQ, 756-7719

For Sale:

Mosley Classic 33 \$100. The center part of the reflector was bent in hurricane Floyd. I worked on it and got it as straight as I could. Bill Dawson, WA4SLC, 946-4760 or dawsonw@mail.ecu.edu.

BARC Board Meeting Minutes

(Continued from page 8)

bers have not seen it.

FIELD DAY: The Field Day event is scheduled to be next to Lowe's again this year on June 28th & 29th. Field Day is to be discussed in more detail at the next meeting since time is getting short and final plans need to be made..

IDEAS FOR PUBLIC SERVICE:

Also mentioned was a mobile radio courtesy check sometime this summer maybe combined with a picnic. This could be a good way to attract new members to the club.

ADJOURNMENT: With no further business, the meeting adjourned at 8:53 p.m.

Respectfully submitted,
Taylor Millar, KG4SNC

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 or email **w4ydy@qsl.net**
Help support *Ham Chatter*. **Donations accepted!**

NETS

VHF

- ◆ BARC Net, Mondays, 2000 on 147.09 MHz, W4GDF Repeater.
- ◆ Pitt County Emergency Communications Net, Mondays, 2100 on 147.09 MHz. (131.8 Hz Tone)
- ◆ Kinston Amateur Radio Society Net, 1,3,4 Tuesdays, 2000 hrs. on 145.47 MHz., W4OIX repeater in Kinston.
- ◆ Eastern North Carolina Traffic Net, Every night, 2030 on 146.685 MHz.
- ◆ Wilson Amateur Radio Club Net, Monday 2030 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 Williamston 145.410 & 444.250, Columbia 146.835 & 443.300, Rocky Mount 147.120, Ahoskie 146.910, Franklin, VA 147.300, Farmville 145.270
- ◆ Beaufort County Emergency Communications Net, Thursday 2000 on 147.345 MHz. Preceded by Newsmen at 1930.

HF

- ◆ Tar Heel Emergency Communications Net on 3923 kHz Nightly 1930.

NTS CW Nets

- ◆ 3.695 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

BARC

CALENDAR OF EVENTS

May 13.	Regular Meeting	July 29.	Board Meeting
May 24-25.	CQ WW CW WPX Contest	Aug 2.	<i>Ham Chatter Deadline</i>
May 27.	Board Meeting	Aug 12.	Regular Meeting
May 31.	<i>Ham Chatter Deadline</i>	Aug 15.	BARC VE Session
June 10.	Regular Meeting	Aug 26.	Board Meeting
June 14-15.	ARRL VHF QSO Party	Aug 27	<i>Ham Chatter Deadline</i>
June 20.	BARC VE Session	Aug 30-31.	Shelby Hamfest
June 24.	Board Meeting	Sep 9.	Regular Meeting
June 28.	<i>Ham Chatter Deadline</i>	Sep 13-14.	ARRL VHF QSO Party
June 28-29.	ARRL Field Day	Sep 27-28.	CQ/RJ WW RTTY Contest
July 8.	Regular Meeting	Sept 30.	Board Meeting
July 12-13.	IARU HF World Championship		
July 19.	Cary Swapfest		
July 19-20.	CQ WW VHF Contest		

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 9:00 PM - 147.09 W4GDF REPEATER - 131.8 Tone
 BRIGHTLEAF AMATEUR RADIO CLUB STATIONS

W 4 A M C - W I V O A

Printing courtesy of Xerox



May 2003
 Next Meeting
 May 13

To:



PO Box 8387
 Greenville, NC 27835

Ham Chatter