

Ham Chatter



Volume 36 Issue 8

An Official BARC, W4AMC, Publication

August 2002

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

Meet the Member George Harrell, KG4ILA

George grew up in Dade City, FL until he left for college. He attended the University of Florida in Gainesville - several times. After graduation with his bachelors degree in Industrial Engineering he went to work for Eastern Airlines in Atlanta in 1972. He progressed into management during his ten years there. During that time he lived in Washington, DC and Miami (Corporate Headquarters).

Then he returned to his *alma mater* to be the Assistant Director of Physical Plant. He also stayed there ten years and got his masters and Ph.D. during his tenure. He has been at ECU as the Assistant Vice President of Administration and Finance and Associate Professor in Education for nine years (almost

(Continued on page 5)



George Harrell, KG4ILA

More cosponsors sign aboard CC&R Bill HR 4720

Additional cosponsors have signed aboard HR 4720, the bill in Congress aimed at providing relief to amateurs faced with private deed covenants, conditions and restrictions--CC&Rs--in erecting antennas. The list of 18 members of Congress who have agreed to cosponsor the measure includes two amateurs. They are Oregon Republican Greg Walden, WB7OCE--one of the two original cosponsors of HR 4720 with Texas Republican Pete Sessions--and Arkansas Democrat Mike Ross, WD5DVR.

Walden and Ross are believed to be the only Amateur Radio licensees in the US House of Representatives. The House now is in recess until after Labor Day.

Arkansas Section Manager Bob Ideker, WB5VUH, who ran into Ross at the Little Rock airport while both were waiting for flights, claims at least some credit for getting the Arkansas Fourth District representative to sign onto the bill as a cosponsor. Ideker also has invited Ross--a Novice licensee and ARRL member--to visit some club meetings in his district.

New York Democrat Steve Israel introduced HR 4720--the "Amateur Radio Emergency Communications Consistency Act"--on May 14. The measure would require private land-use regulators--such as homeowners' associations--to "reasonably accommodate" Amateur Radio communication consistent with the PRB-1 limited federal preemption. PRB-1 now applies only to states and municipi-

Next Meeting August 13

The Brightleaf Amateur Radio Club will have its next regular meeting on August 13 at 7:30 PM at VFW Post Home 7032 at 1108 Mumford Road in Greenville. Program: Wayne Ross, WD4JPQ, will talk about repeater linking. Wayne maintains several of the local repeaters including a digipeater.

Map to the VFW in January Ham Chatter and on the Internet.

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

palties.

In addition to Walden, Sessions and Ross, the list of HR 4720 cosponsors now includes Representatives JD Hayworth (R-AZ), Patrick Tiberi (R-OH), Patsy Mink (D-HI), Ken Calvert (R-CA), Rick Boucher (D-VA), Joseph Hoeffel (D-PA), John Duncan Jr (R-TN), Dennis Moore (D-KS), Charles Stenholm (D-TX), David Price (D-NC), Bob Schaffer (R-CO), Sherrod Brown (D-OH), Bart Gordon (D-TN), Charles Taylor (R-NC), and Ralph Hall (D-TX).

Visit the US House of Representatives Write Your Representative Service Web page <<http://www.house.gov/writerep/>> for information on how to contact your representative. The ARRL requests those writing or e-mailing members of Congress--whether or not they are supporting this legislation--to copy

(Continued on page 5)

President's Corner *Dave, KV4CN*

Ready? Morse Code. These two words evoke a lot of emotion in any gathering of hams. Some love it. Some disdain it. But nearly every ham has a story to tell about learning it, passing the test, just passing the test, failing it a number of times, etc. Bottom line, it is still a requirement for operating below 30 MHz. Whether it remains a requirement in the future is up for intense debate. There is a tremendous amount of fun to be had on the frequencies below 30 MHz. If you are reading this and don't care about the HF frequencies then no problem (at all). The purpose of this month's message is not to "sell" Morse code or the HF bands, but to remind everyone that we are a special service club and owe it to our members who would like to obtain another license class, an opportunity to do it, and the common opinion is that Morse code usually stands in the way.

Learning the code is a lonely experience. It's not that much fun. Progress is quick at times and dismal at others. It takes some work and perseverance. Your family gives you strange looks as you write letters on paper wearing headphones hooked to a tape recorder. If you don't wear headphones the strange looks are replaced with exasperated cries of enough... enough. It can be done, and there is satisfaction in the accomplishment.

If you would like to learn Morse code in another license class, then I'd like

to hear from you (at the meeting, by phone, email, amateur radio). There are enough willing hams in the club to provide the help.

See you at the meeting!

73, Dave, KV4CN

The Tom Parsons Instructor Training Award

It was noted in the Greenville Daily Reflector of July 28 that the Pitt County Chapter of the American Red Cross has the Tom Parsons Instructor Training Award. The award was established this year for the volunteer instructor demonstrating leadership and guidance to instructors and instructor trainers in the Health Safety and Community Services Program. Tom, W4TEP, is not only an ARC instructor, during emergencies he covers the ARC location. This year's recipient is Kathryn Tesh. Other honorable mentions are that he is a master gardener; involved in scouts; and has successfully introduced ham radio to his daughter Bonnie Pulver, KG4CZW, and son-in-law David Pulver, KG4CZV, and their daughter Lela who will be attending North Carolina State University and is interested in getting her licensed. *K4MHM*

This is a quote from a QST article.

"League questionnaires show the average age of 1937's amateurs is 27, with peaks in the 17-20 range and again at 28-33. The Editor muses that youthful enthusiasm takes a back seat in the early 20s to marriage and a family, and then a few years later the prodigal returns to brasspounding."

This was in the September 1987 issue in the '50 Years Ago' column. Probably not too much difference between 1937 and 2002, although with less "brasspounding". The Technician Course attendance and our club membership tend to bear this out. We need to keep this in mind as we try to attract new hams and new members. - *K4MHM*

"Section News," contest line scores moving from QST to Web

Starting next January, "Section News" and contest line score results will appear on the ARRL Web site rather than in QST. Meeting July 19-20 in Windsor, Connecticut, the ARRL Board of Directors voted 9-6 to approve a resolution formally relocating "Section News" to the ARRL Web site. "Section News" has appeared in the League's official journal at least since 1919. The "Section News" Web sites--already in place--will provide the officials of each ARRL section "the capability of an up-to-date information resource that can be tailored to the needs of their section," the resolution said.

The space freed up by relocating "Section News" will allow more in-depth coverage of general news, public service activities and "how-to" articles. Members unable to use the Web can request their section's reports in hard-copy format.

The Board first considered the issue at its January meeting but postponed action until July to give members the opportunity to better understand the reasons for relocating "Section News," to discuss alternatives and to better understand and see the advantages of the ex-

(Continued on page 5)



Happy Birthday

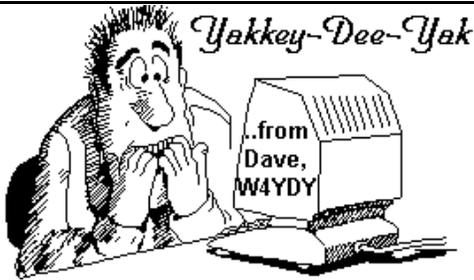
Brightleaf Amateur Radio Club members birthdays in **August**.

5	W4WAJ	Al Joyner
14	KG4PZQ	Scott LeMoine
19	KS4YF	Paul Fletcher
20	KV4CN	Dave LeMoine
25	KE4NQP	Tom McLaughlin
30	KE4LQQ	Chester Robins

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

In This Issue

<i>Meet the Member - George, KG4ILA</i>	1
<i>More sponsors for CC& R Bill</i>	1
<i>President's Corner, KV4CN</i>	2
<i>Tom Parson's Award</i>	2
<i>QST info moving to Web</i>	2
<i>Happy Birthday</i>	2
<i>QST article quote</i>	2
<i>Yakkey-Dee-Yak from W4YDY</i>	3
<i>Fall Technician Class Schedule</i>	3
<i>Next BARC VE Session - August 16</i>	5
<i>BARC Meeting Minutes</i>	6
<i>BARC Board Minutes</i>	6
<i>Ham Ads</i>	7
<i>Nets</i>	7
<i>Calendar</i>	8



Fall, 2002
TECHNICIAN LICENSE COURSE
BRIGHTLEAF AMATEUR RADIO CLUB

Text: *Now You're Talking* (4th edition)

Class time: Start 9:15 a.m.

Course Coordinator: Murray Merner, K4MHM Phone: 757-3429

Location: To be announced

There has been some discussion among BARC club members for some theory and CW classes for upgrading their licenses. It also happens that in this issue of *Ham Chatter*, Dave, KV4CN, is discussing CW.

In the past few weeks, I have got back on CW for the first time on over 30 years and worked more stations in July (301 contacts) than I have in a whole year in the past. Those contacts included twelve countries and thirty-seven states. When I started back on CW on July 1, 2002, my speed was probably around 15 words per minute or lower. In just a couple of weeks, 20 WPM did not seem too fast and I am able to copy signal reports at 30 WPM or so. I have not enjoyed CW in the past but this time, I am enjoying it.

With the Internet, there is some good information about learning and building up speed on CW. I have learned one thing and that is I have to forget the CW I have learned and start over! I am at the speed that is about tops because I learned it the wrong way. It started in the Boy Scouts when we memorized the dots and dashes and used flags for communications. Later when I wanted to learn to copy it on the radio, the closest ham to me was 30 miles away and I didn't even know him. Now I have to forget the dots and dashes and think of CW as sound, not dots and dashes. According to the experts (and some can copy 60 WPM or more in their heads), Morse code is just another language and you learn it by sound if you want speed. A quote from a book is as follows: "**This is lesson one --**

(Continued on page 4)

Orientation Sep 14	Murray Merner, K4MHM
Session 1 Sep 21	Chapter 5: Basic Electrical Principles Murray Merner, K4MHM
Session 2 Oct 5	Chapter: 6: Circuit Components Bill Dawson, WA4SLC
Session 3 Oct 19	Chapter 8: Amateur Radio Signals and Emissions Bill Dawson, WA4SLC
Session 4 Nov 2	Chapter 7: Practical Circuits John McCoy, K4KBB
Session 5 Nov 16	Chapter 3: Radio Wave Propagation Gary Gasperini, AF4XV
Exam Nov 23	Chapter 10: Radio Frequency Radiation Safety Dave Langley, W4YDY
	Chapter 9: Choosing an Antenna (2 hours) Bernie Nobles, WA4MOK
	Chapter 1: Federal Communications Commission Rules Wayne Ross, WD4JPQ
	Chapter 2: Operating an Amateur Radio Station Chapter 4: Amateur Radio Practices David LeMoine, KV4CN
	Open to the public Volunteer Examiners Tom Parsons, W4TEP

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 - JOHN McCOY, K4KBB, 758-1719 □ SECOND V. PRESIDENT - JEFF HARDEE, K4HMF, 830-6879 □ SECRETARY - BONNIE PULVER, KG4CZW, 353-7161 □ TREASURER - DAVID PULVER, KG4CZV, 353-7161 □ BOARD MEMBER - WAYNE ROSS, WD4JPQ, 756-7719 □ BOARD MEMBER - MIKE LANGLEY, KD4MTT, 752-4356 □ 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.

Yakkey-Dee-Yak from Dave, W4YDY

(Continued from page 3)

it is most important always to think of it this way: -- **EVERY CODE LETTER, NUMBER AND SYMBOL IS A UNIQUE PATTERN OF SOUND.**" In other words, they say throw away those charts that have the CW code on them.

There are two items that I found on the Internet that should help anyone learn CW for the first time or increase your speed. It wouldn't surprise me that those learning for the first time will be copying faster CW in the same amount of time than those that learned it the wrong way (me included)!

First, there is a book on the Internet that is FREE. I copied the book to my hard drive and printed it. It is about 100 to 125 pages and I have enjoyed reading it. The book is "The Art & Skill of Radio Telegraphy" by William G. Pierpont, N0HFF. It is the second revised edition (1997). The third edition is for sale for about \$17. The book can be found on the Internet at <http://www.raes.ab.ca/book/contents.htm>. It's an amazing lot of information in one book.

Second, there is a Morse code computer program that is FREE. It will teach you the code using the Koch method of learning. The program is at <http://www.g4fon.co.uk/> and is only about a one megabyte file. For those that may have a computer and no Internet service, let me know and I can put both the book and CW files on a single floppy disk for you.

It is very simple to use and the letter speeds are 15 to 50 WPM in steps of 5. There are buttons for full, half, third and quarter speeds. For example, using the 15 letter speed, the code can be sent at 15, 7.5, 5 or 3.75 words per minute. Using the 50 WPM letters, word speed can be set to 50, 25, 16.6 or 12.5 WPM. (You can figure out the word speeds for the letter speeds in between the 15 and 50 WPM letter speeds.) I got my ten year old grandson to listen to the program for couple of minutes learning the first 2 characters at the 15 WPM letter speed at 5 WPM. I did not tell hem that is was a dash-dash and a dash-dot-dash but had him call out the letters from the sound. He saw the letters on the screen at first

and then I covered the screen. In less than a minute he was calling them out 100%. He said that was easy! He was ready for the next letter. Maybe I'll have another ham in the family!

Following are parts of the help file with the CW program.

"Koch's method of learning Morse is a simple, direct way of building reflexive responses to individual characters.

Here's how it works:

Choose the speed you want to learn and select it in the Speed window. That's right, don't start slow and build up, start as you mean to go on!

Next, set the Characters to two. That's right, for your first sessions, you'll only have two choices.

Click on the Start button and copy down the Morse on paper until the software stops sending after five minutes. Compare what you have copied with the text on the screen, count the characters and mistakes and from that calculate your percentage of correct copy.



I learned CW using this J-38 in 1952 when I was visiting my cousin, W4QI (SK). It is from his estate. I still use it.

If your score is 90 percent or better -- congratulations! You just learned your first two characters, and, importantly, you learned them at full speed. If you didn't make 90 percent, then you need some more practice before moving on, try another five minute session.

As soon as you can copy the first two characters with 90 percent accuracy, click on the Characters Spinner to add a third character to your practice. Your accuracy will drop as you work on assimilating the new character, but it will rise again to 90 percent or better. Then you add the fourth character, and so on.

This method does not allow you to build that lookup table in your brain. To copy at full speed, you must build the

reflexes in order to achieve 90 percent accuracy. And that's what you're spending your time doing, building reflexes.

This is a very individual method of training, you progress at your own best speed, and spend only the time required to gain each new character. This means that you will waste no time in reaching your goal.

How long will all this take? That will depend on the individual. Koch himself, with hand-picked students, got a group to master 12 wpm code in a mere 13.5 hours. You probably won't match that, but that's much faster than any other method in the psychological literature.

While the Koch method is the fastest method of Morse training, speed alone is not its principal advantage. Its principal advantage, and a major difference from other methods, is that it provides you with constant positive reinforcement. This begins with your realization, after mastering the first two characters, that you can copy code at 15, 20 or even 40 wpm, because you just did it. After that, each new character mastered is further proof of your progress. Contrast that to slowly trying to build speed up from 4 or 5 wpm, then hitting the plateau at 10 wpm and seeing no progress for a long time. With the Koch method, frustration is at a minimum."

There are several Amateur Radio operators in the club that have the no code Technician license. Hopefully, with these computer programs and maybe some BARC classes, everyone will pass the code test and upgrade their license and enjoy the HF bands while working the world! With the CW program, there is plenty of time to spend a few hours with it and learn the code to comfortably pass the 5 WPM Morse code test at the next BARC VE session on August 16.

Who was the character that got me interested in getting back on CW? It was that fellow that operated for over 16 hours of CW at Field Day and I spent about 7 or so of them logging for him! It was dahdit dahdahdahdit dididahdit dididahdit. - W4YDY



Meet the Member, George Harrell, KG4ILA

(Continued from page 1)
time to find another job!).

George was first licensed in 1962 as WN4BAI when in high school. While he was a "science type", his 7th grade teacher who was a ham interested him in Amateur Radio. A fond memory is of when he and a friend participated in Field Day in 1962 in a pasture. He got his Technician License in 1963 and became WA4BAI. When in college he let it lapse.

He again got fired up about Amateur Radio. He is a sailboater and has a 41 foot Beneteau 411, *Irish Wake*, which has a marine radio, a SEA 322 SSB, which can get the ham bands. With the license requirement being revised in April 2000 all he had to do was prove he was a Technician before 1967 and pass Element 2, to get the General Class license. While it took a little time, he was able to confirm his lapsed license and took the test to get his General Class license in June of 2000. He was on the air in July and one of his first contacts was a special event station with the Tall Ships in New York City harbor. He has a 23 foot Shakespeare antenna on board.

He enjoys the marine mobile



George at the Field Day GOTA station

network (surprise) - checking in for radio checks and when he is sailing. He and wife Andrea sail 20 to 30 days per a year and are working up to a sail to Bermuda which can take four days one way. He is interested in getting a land bound HF rig (that way he may avoid a "boat anchor") and maybe getting into contesting. This past Field Day he participated with BARC which whetted his appetite - it was his first Field Day in 40 years!

George and Andrea have two grown children: Westly and Jennifer - he hasn't been able to convince any family members that Amateur Radio is the best thing you can do with your non working, waking hours. Other interests include: flying (he has his pilot's license but hasn't flown much lately) and gourmet cooking.

George has been instrumental in our success with VOA Site C. He had a lot to do with the space we have and the antennas that have been saved for Amateur Radio use. Thanks George. This is another story of someone who was interested in Amateur Radio earlier in their life and came back to it later. We're glad you found your way back and appreciate all your help. *K4MHM*

"Section News," contest line scores moving from QST to Web

(Continued from page 2)
panded content available on the Web site.

In a separate resolution approved by voice vote, the Board agreed that the ARRL Web site now provides a better medium to report the results of ARRL-sponsored contests. As a result, contest line scores no longer will appear in QST. The change does not affect ARRL Field Day results, which will continue to be published in the magazine. QST coverage of ARRL-sponsored contests will continue with expanded write-ups, photos and soapbox submissions. QST also plans to carry more feature articles about contesting.

A contest Web site established earlier this year now includes, among other features, a searchable database of line scores for members and the ability to easily analyze individual and club scores. There's also an on-line Soapbox to post comments and photos immediately after a contest, as well as an expanded narrative for each event. The ARRL also now offers members the free Contest Rate Sheet newsletter <<http://www.arrl.org/contests/rate-sheet>>, which focuses specifically on contesting.

The minutes of the July 19-20 ARRL Board of Directors meeting have been posted on the ARRL Web site <<http://www.arrl.org/announce/board-0207/>>. - via ARRL Letter Online 6/156/02

Next VE Session

The next Brightleaf Amateur Radio Club VE session will be held on August 16. 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, tparsons@greenvillenc.com. 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 \$10.00
- ◆ Proof of Tech Plus if before 3/21/87 and doing paper upgrade to General.

CC&R Bill

(Continued from page 1)
ARRL on their correspondence--via e-mail to ccr-bill@arrl.org or via US Mail to CC&R Bill, ARRL, 225 Main St, Newington, CT 06111. Correspondents should include the bill number, HR 4720, as well as their name and address on all correspondence. - via ARRL Letter Online 8/2/02

K4KBB



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

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

BARC Monthly Minutes - July 2002

BARC Monthly Meeting Minutes
Tuesday, July 9, 2002
7:30 pm at the Foreign Legion Hall

Meeting was opened by Dave LeMoine, KV4CN. Members and visitors introduced themselves.

The previous minutes were approved. The secretary gave the secretary and treasurer's reports.

OLD BUSINESS

EQUIPMENT: Mike Langley, KD4MTT, reported. John McCoy, K4KBB, donated a tent for field day. There was discussion about the possibility of purchasing a new canopy for the old tent. Bernie Nobles, WA4MOK, reported that the TA33 Junior has been returned from Strong Angel and he has repaired it to working order. It will be placed in the BARC trailer.

VE SESSIONS: There are new questions for the Extra exam so if you are getting ready to take the exam, please study from the new question pool.

HAM CHATTER: Dave Langley, W4YDY, reported that the past newslet-

ter cost more to mail due to heavier paper being used.

HAM CLASS: Murray Merner, K4MHM, reported the schedule is published elsewhere in the Ham Chatter.

GIFTS IN KIND: Bonnie Pulver, KG4CZW, reported that she attended an informational meeting at the United Way about the Gifts in Kind program. She also visited the Gifts in Kind distribution center on Frog Level Road. She reported that the program will cost us \$ 15.00 a year to participate and the items are free but we are charged a handling fee on every item. The board of directors will decide whether to participate after reviewing the information at the board meeting.

PATCHES: Bonnie Pulver, KG4CZW, reported on ordering BARC patches. The patches are being embroidered and we should have them in several weeks. The cost of the patches will be \$ 2.00 per patch or 3 patches for \$ 5.00.

FIELD DAY: Murray Merner K4MHM thanked everyone involved in making Field Day a success.

QRP KIT PROJECT: July 27th has been set for the kit project. The session will be held at VOA Site C at 10:00 am. Bring your own lunch and soldering pencils if you have them. The cost will be \$ 20.00.

POWER POLE CONNECTORS: Bernie Nobles, WA4MOK, reported on the purchase of power pole connectors through Tom Brown, the Wake County Emergency Co-ordinator. The club voted to purchase connectors and the members will purchase them from the club. The club will also purchase the crimpers needed and will keep them in the trailer to be checked out by members when needed.

NEW BUSINESS

FUTURE ACTIVITIES: Santa at the hospital for Christmas, Boy Scout Merit Badge Jamboree at the beginning of 2003 to work on the Radio Merit Badge, ARRL Sweepstakes at VOA Site C, a General License Class and a CW Class were all discussed.

DONATIONS: A vertical antenna was

(Continued on page 7)

BARC Board Minutes - July 2002

BARC Board Minutes - July
2002

Brightleaf Amateur Radio Club Board Meeting
Tuesday, July 30 at 7:30 pm
Mark's Marine in Grimesland

Those in attendance: Dave LeMoine, KV4CN, Dave Pulver, KG4CZV, Bonnie Pulver, KG4CZW, Dave Langley, W4YDY, Murray Merner, K4MHM, Pat Williams, KG4NSC, John McCoy, K4KBB, Mike Langley, KD4MTT and Wayne Ross, WD4JPQ.

The secretary and treasurer's reports were given. Belk Stores has contacted us about a Belk Charity Shopping Day on Satur-

day, October 12, 2002. Tickets will sell for \$ 5.00 each to give discounts at the store and enter in a Grand Prize drawing. The \$ 5.00 will be a donation to BARC. Bonnie will contact Belk for further information.

Committee Reports:

HEALTH AND WELFARE: Doug Ferris, K4ROK, has had recent back surgery.

EQUIPMENT: There was discussion on obtaining an open trailer for antennas.

PUBLICITY: Future press releases were discussed as well as the possibility of having a booth at the Pitt County Fair.

HAM RADIO CLASS: The instructors are all committed and the class schedule has been published in the Ham Chatter.

POWER POLE CONNECTORS: The connector order has been placed. Con-

nectors will be sold to members for 75 cents a set. Two sets are needed to hook up a radio.

PATCHES: New BARC patches have arrived. They are for sale at meetings for \$ 2.00 each or 3 for \$ 5.00. It is suggested that they be placed on clothing that are the colors in the patches.

UNITED WAY: After much discussion, it was decided that BARC would not participate in the Gifts In Kind Program that we are eligible for. It really does not suit our needs.

QRP PROJECT: The session has been postponed to after September.

PROGRAMS: Many ideas were generated for future programs and special events.

(Continued on page 7)

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.

2. Icom 820H, all mode 2M-440 transceiver, \$700, Icom SM6 mike, \$60 820H service manual, \$20 and SP-20 speaker with audio filters, \$150 or all for \$850.

3. Cushcraft R7 Vertical Antenna, \$200

4. Heathkit test equipment, IG-62 Color bar generator, IM-11 VTVM, IO-12 Oscilloscope.

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

BARC Board Minutes - 7/02

(Continued from page 6)

DONATED ITEMS: The disposition of donated items was discussed. The Kenwood HF radio, microphone, speaker and Micronta SWR meter plus a vertical antenna will be placed at the Red Cross. BARC will keep the keyer and tuner. All other items will be discussed at the next general meeting as to what to do with them.

NOMINATING COMMITTEE: The nominating committee will consist of John McCoy, K4KBB, Murray Merner, K4MHM, Dave Langley, W4YDY, Bernie Nobles, WA4MOK, and Bonnie Pulver, KG4CZW.

NEXT BOARD MEETING: Any interested BARC members are invited to attend the August board meeting. It will be held on Tuesday, August 27th at 7:30 pm at Mark's Marine.

Respectfully submitted by

Bonnie Pulver, KG4CZW

For Sale:

Radio Shack **Digital Signal Processor** - Advanced digital audio signal processor using microprocessor-controlled dynamic notch filtering reducing noise and removing whistles, tones and whines. Has communications-type speaker, 5 watt audio amplifier and phone jack. Filter selection for: noise reduction, SSB and CW. Bandwidth selection: narrow, medium and wide. Separate volume control and power switch. Plugs into earphone or speaker jack. Original box with instructions and mounting brackets. Requires 12 VDC. Price: \$25.00 Murray, K4MHM, 757-3429.

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.

For Sale:

Mosley TA-33 HF Beam. 10, 15, 20 and 40 meters. 3 elements with 40 meter extension. \$200.

Wayne, WD4JPQ, 756-7719

Wanted:

Icom EX-243 keyer

Icom EX-242 xtal calibrator

Icom MB12 mobile bracket

Icom HP-1 headphones

Icom SM-10 eq desk mic

Icom IC-FL44a SSB filter or Inrad equivalent

These accessories are for the Icom IC-745 HF rig

Neal Sumrell, nc4rr@arrl.net

BARC Meeting Minutes - 7/02

(Continued from page 6)

brought by Tom Parsons, W4TEP, that was donated to the club.

ARES CONNECTORS: It was voted in to purchase 15 sets of power pole connectors for Pitt County ARES.

Meeting was closed.

Respectfully submitted,

Bonnie Pulver, KG4CZW

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@arrl.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.
- ◆ New Bern Amateur Radio Club/ Eastern NC 220 Association for the WD4JMS & WA4DAN Net, Monday, 2000 on 146.61 and 224.84 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 member running for reelection for Sheriff

Mac Manning, KD4AFL, is running for reelection for Sheriff of Pitt County. A 21 year veteran of the Sheriff's office, he is presently serving his first term as Sheriff.

BARC CALENDAR OF EVENTS

Aug 3-4	ARRL UHF Contest	Oct 18	BARC VE Session
Aug 13	Regular Meeting	Oct 26-27	CQ WW SSB DX Contest
Aug 16	BARC VE Session	Oct 29	Board Meeting
Aug 27	Board Meeting	Nov 2	<i>Ham Chatter</i> Deadline
Aug 31	<i>Ham Chatter</i> Deadline	Nov 12	Regular Meeting
Aug 31– Sep 1	Shelby Hamfest	Nov 16-17	ARRL SSB Sweepstakes
Sep 10	Regular Meeting	Nov 17	Benson Hamfest
Sep 14-15	ARRL VHF QSO Party	Nov 23-24	CQ WW CW DX Contest
Sep 24	Board Meeting	Nov 26	Board Meeting
Sep 28	<i>Ham Chatter</i> Deadline	Nov 30	<i>Ham Chatter</i> Deadline
Sep 28-29	VA Beach HF www.vahamfest.com	Dec 7	ARRL 160 Meter Contest
Sep 28-29	CQ WW RTTY Contest	Dec 10	BARC Christmas Party
Oct 8	Regular Meeting		
Oct 13	Maysville Hamfest		

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



**Next Meeting
August 13**

August 2002

To:



PO Box 8387
Greenville, NC 27835

Ham Chatter