

# Ham Chatter



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## Meet the Member Bob Dilk, KG4QXT

Bob was born Dec 30, 1951 and raised in New Jersey. The oldest son, from age 2 to 20 years old, he lived in Clifton, NJ with his brother and two sisters. As a youngster, he was fascinated by science and electronics and would strip old TV and radio chassis for the resistors, capacitors, tubes, switches etc. He meticulously labeled everything and stored them in coffee tins and cigar boxes. His first venture into electronics was the building of a crystal set and then a tube receiver. When he first heard Spanish on his radio he was impressed that he was able to hear a foreign country. Later he was a little deflated when he found out it was only the Spanish station in New York City. He did get an inkling about Amateur Radio when he noticed that the "ham radio guy" on the block had neat antennas on his house and car and almost never interfered with their black and white TV. Bob graduated from high school and went to college at Stevens Institute of Technology in Hoboken, NJ and 1974 Graduated with a Bachelors degree

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Bob Dilk, KG4QXT

## BARC VE June 20 Session Results FCC issues 5 new calls!

Nine candidates took exams for Amateur Radio license on June 20 in Greenville, NC and all passed their exams. William Wheeler, **KG4ODX**, Blounts Creek, upgraded to Amateur Extra and Taylor Millar, **KG4SNC**, (BARC Secretary), Greenville, Brad Brechtelabaur, **KG4ZVM**, Greenville, and William Wallace, **KF4ZTO**, Pinetown, all upgraded to General.

The other five passed the exam for Technician and the FCC issued their new calls on June 24, 2003. They are Johanna Owens, **KI4BFG**, Tarboro, Alexis Hodges, **KI4BFI**, Hatteras, Edward Southerland, Jr., **KI4BFH**, Beulaville, Christopher Newkirk, **KI4BFF**, Grifton and Richard Kyle, Jr., **KI4BFJ**, Greenville.

The Brightleaf Amateur Radio Club congratulates all of the upgrades and the 5 new Amateur Radio operators.

Assisting VE Liaison Tom Parsons, W4TEP, were Volunteer Examiners Dave LeMoine, KV4CN, Gerry Clayton, K4IDD, Murray Merner, K4MHM, Bob Moore, K2USB, and Dave Langley, W4YDY.

The next Brightleaf Amateur Radio Club VE session will be held on **August 15**.

## Preliminary FD results

W4AMC

- 400 CW contacts
- 210 SSB contacts
- 15 VHF contacts

NC4PC (GOTA)

- 47 CW contacts
- 3 SSB contacts

## Next Meeting July 8

*The Brightleaf Amateur Radio Club will have its next regular meeting on July 8 at 7:30 PM at VFW Post Home 7032 at 1108 Mumford Road in Greenville. Program will be announced. All members, families and guests are invited to attend.*

*The next board meeting is set for July 29 at 7:30. The meeting is open to all members.*

## BARC Elmer Sessions

An Elmer Session was held on June 19<sup>th</sup>. Bernie Nobles, WA4MOK, started up the class with communications with John McCoy, K4KBB, who was on vacation up in Nova Scotia, Canada. Bernie gave all of us a chance to talk on HF to John, and I must mention that his signal was loud and clear from his ICOM 706 radio and Screwdriver Antenna. After that we continued Morse Code training using the laptop computer. Hollis Thigpen, KC3X, showed us abbreviations used in a QSO, and worked with us in copying code from a QSO. He also showed us several good ways to learn the code.

Our next Elmer Session is scheduled for Thursday, July 17<sup>th</sup> at 7:00 p.m. Thanks to Dr. Peter Van Houten, KG4WEZ, for the use of his building for our meeting place for the Elmer Sessions. Taylor, KG4SNC

## President's Corner

*Dave, KV4CN*

As this is being written, Field Day 2003 is coming to a close. BARC's field day was a huge success. Thanks to Chairman, Richard, KG4SNE, for the great effort to coordinate and man (he stayed the whole time) making this year's event successful. Of course, Richard was not alone. Thanks to everyone who helped. Special thanks to Joyce, KF4RBJ, for the donation of four headsets for the loggers. The spirit of field day is to set up an emergency communications operation, and we accomplished it. Everyone worked quickly and efficiently together to get the station on the air. I hope that several individuals learned some new skills as they helped install equipment or operated radios. Propagation threw us a curve as both 10 and 15 meter bands were "dead." But we compensated and stayed on the air. An electrical problem on Saturday night was quickly diagnosed and repaired. All of these experiences will help us should the need arise to establish an emergency communications station.

With field day over, we start the second half of the year which typically has less activities than the first half. I would like 2003 to be different, so please think of some activities for the rest of the summer and fall. We especially need activities that offer public exposure. Again, thanks for your support of the hobby and the club. See you at the meeting!

*73, Dave KV4CN*



**Happy Birthday**

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

- 12 KG4CZW Bonnie Pulver
- 13 KG4WEY Mindy Weed
- 13 K4SKI Charlie Wells
- 24 WA4MOK Bernie Nobles
- 29 W4YDY Dave Langley

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

## Amateurs "First of the first responders," DHS Official says

ARRL now is an official affiliate program of Citizen Corps <<http://www.citizencorps.gov>>, an initiative within the Department of Homeland Security <<http://www.dhs.gov/dhspublic/>> to enhance public preparedness and safety. ARRL President Jim Haynie, W5JBP, signed the formal Statement of Affiliation between DHS and ARRL during the ARRL 2003 National Convention June 21. Chief Operating Officer of the Emergency Preparedness and Response Directorate (FEMA) Ron Castleman represented Under Secretary for Emergency Preparedness and Response Michael D. Brown at the signing. Citizen Corps Liaison to the White House Liz DiGregorio called ham radio operators the "first of the first responders."

"You are there. You are part of that very, very first response when it happens locally," especially in the initial stages of an emergency or disaster, DiGregorio told an overflow audience. She urged amateurs to explore ways to expand their role in the community beyond being the last resort when other communication systems fail. "You need to show your community that you're engaged," she said. "They need to know as a community that ARRL is there."

Castleman said his agency really needs Amateur Radio's help. "Hams have a long and distinguished history of assisting and cooperating with FEMA," he said. He said FEMA wants to continue to

*(Continued on page 3)*

## League warns of bogus QST solicitations



Someone has been attempting to sell "subscriptions" to QST, but it's not the ARRL. ARRL Customer Service/Circulation Manager Kathy Capodicasa, N1GZO, reports she's received several telephone calls and e-mails from members reporting the scam.

"Apparently, there is some kind of bogus telephone solicitor out there trying to get people's names, addresses and credit card numbers," she said. "ARRL does not solicit for 'subscriptions' to QST." She warned that under no circumstances should a member give out a credit card number to someone trying to sell them QST over the telephone.

As the official membership journal of the ARRL, QST is not available to the general public from a magazine distributor or outside publishing house. Capodicasa advises those getting calls from the phony solicitor to try to get the solicitor's name and to check the caller ID box, if they have one, to obtain the caller's number. She requested that members share any such information with her via e-mail to [n1gzo@arrl.org](mailto:n1gzo@arrl.org) or telephone, 860-594-0257. - *via ARRL Letter Online 6/27/03*

## Well Wishes

Thoughts and Prayers go out to the following:

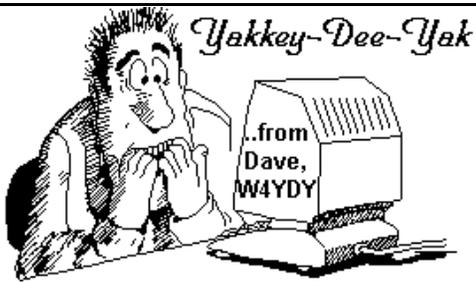
- Juanita Humbles, KE4JWK
- Wayne Ross, WD4JPQ

## 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.

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## Amateurs "First of the first responders," DHS Official says

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work with Amateur Radio operators as partners and expand hams' community safety role. "We also want to help prepare every citizen across our country before disaster strikes," Castleman said.

The League joins the National Safety Council, Points of Light Foundation, National Voluntary Organizations Active in Disaster, National Volunteer Fire Council, National Fire Protection Association, Save A Life Foundation and The Jaycees as Citizen Corps affiliate programs.

The SoA calls on DHS and ARRL to raise public awareness of Amateur Radio as a safety resource. "That's what you are all about, and we need a safer America," DiGregorio said.

In addition, DHS and ARRL will cooperate in providing training and accreditation for Amateur Radio emer-

gency communications. They also will work together to promote the formation of local Citizen Corps councils and assist them with education, training and volunteer service opportunities "that support first responders, disaster relief organizations and community safety efforts." As an affiliate, ARRL will be linked from the FEMA and Citizen Corps Web sites.

"We need you, and you need us, and we want to work together with you to make this all happen," DiGregorio concluded, "because we all share the same goal, and that goal is a better, stronger, more secure America."

The ARRL National Convention 2003 was held in conjunction with Ham-Com <<http://www.hamcom.org>> in Arlington, Texas. FEMA announced the SoA signing on its Web site <[http://www.fema.gov/nwz03/nwz03\\_138.shtm](http://www.fema.gov/nwz03/nwz03_138.shtm)>. - via *ARRL Letter Online* 6/27/03

Band conditions were not very good on Field Day this year. I listened a couple of times on 10 and 15 meters and I only heard some noise. Twenty meters was fair at times and bad at other times. It went completely out late at night. The number of stations worked were only about half as many as last year. Ken Graf, N8FF, was on 20 meters the most of the night last year but he went to 80 meter CW and started to work a lot of stations. Forty meters seem to quite active also.

There were a number of new Amateur Radio operators at their first ARRL Field Day. It was great to see them there and participating in setup and operations. Also a number of visitors stopped by and were interested in enrolling in the new ham class that starts in September. WITN-TV, Channel 7 came out and took some videos and interviewed Bernie Nobles, WA4MOK. It was shown on the 6 PM and 11 PM news on Saturday. - *W4YDY*



## Cary Hamfest - July 19 Free Admission!

If your first Amateur Radio License was issued since the last Cary Hamfest (July 20, 2002), you will be admitted to this Fest FREE of charge. Proof of issue date is required. Ticket purchase is required to be eligible for prizes.



Bernie Nobles, WA4MOK, completing final assembly on Mosley TA-33 a few feet above the ground at the 2003 Field Day. He seems to be getting plenty of 'help' from the ground crew!

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## ARRL urges informed comments in FCC BPL inquiry

The ARRL is urging amateurs to file well-thought-out, informed comments when responding to the FCC's Broadband Over Power Line (BPL) Notice of Inquiry (ET Docket 03-104). The FCC published its NOI on May 23. The NOI asks how the FCC should regulate the delivery of broadband services to homes and businesses using electrical wiring to conduct high-speed digital signals. While the FCC has dubbed this technology Broadband over Power Line, it's more commonly known as Power Line Carrier or PLC.

BPL would use building and/or overhead power lines to conduct HF and low-VHF digital signals to network computers. The FCC has expressed its unabashed enthusiasm for BPL, which it views as a competitive Internet access point. Utilities consider BPL as another means to use existing infrastructure to generate additional revenue.

The NOI is not asking if BPL technology should be permitted. Under existing FCC rules, BPL systems may be built and used in the US right now. The FCC is asking how the rules might be changed "to promote and encourage new BPL technology," in the words of the NOI.

Present FCC Part 15 rules say that carrier-current systems--including BPL/PLC--need to meet the general radiated emission limits for unlicensed "intentional emitters." While the rules permit BPL at significant power levels, utilities would prefer that the FCC authorize even higher power levels. BPL systems under development and in field trials use spectrum between 1.7 and 80 MHz, but the NOI also asks whether BPL should operate on other parts of the spectrum as well.

As of mid-June, nearly 1000 comments already had been filed in the proceeding. The ARRL has urged amateurs who comment to outline the important uses they make of Amateur Radio and the impact strong interference from BPL could have at HF and low-VHF amateur frequencies.

Electric utility companies will operate many, if not most, BPL systems. ARRL members who have had experience dealing with power line interference and utilities' responses to complaints also may want to describe those

experiences in their comments to the Commission.

Amateurs filing comments to the FCC NOI might want to consider these topics and points:

- \* Amateur Radio is a valuable resource that must be protected.

- \* Describe the uses you make of Amateur Radio, especially those with a public service or emergency communication aspect.

- \* The present FCC Part 15 limits for this technology already can result in substantial interference potential to amateur frequencies.

- \* BPL systems that radiate on wide swaths of spectrum and occupy entire neighborhoods have greater interference potential than localized systems, such as switching power supplies or electric motors.

- \* The FCC has promised to protect licensed users of the spectrum. We must hold them to that promise.

For more information, see "Understanding the FCC's Broadband Over Power Line (BPL) Notice of Inquiry" <<http://www.arrl.org/news/features/2003/06/19/2/>>. An ARRL white paper, "Calculated Impact of PLC on Stations Operating in the Amateur Radio Service" <<http://www.arrl.org/tis/info/html/plc/files/C63NovPLC.pdf>> provides technical details. The ARRL's Broadband Over Power Line resource page contains links to worldwide studies and other resources.

The ARRL has initiated an important Spectrum Defense Fund campaign to support activities to educate government officials on the potential threat that BPL poses to Amateur Radio. To find out more, or to support ARRL's efforts in this area, visit the ARRL's secure BPL Web site <<https://www.arrl.org/forms/development/donations/bpl/>>

The complete NOI is available on the FCC Web site <[http://hraunfoss.fcc.gov/edocs\\_public/attachmatch/FCC-03-100A1.doc](http://hraunfoss.fcc.gov/edocs_public/attachmatch/FCC-03-100A1.doc)>.

Comments are due on or before July 7, 2003. Reply comments are due on or before August 6, 2003. Interested parties may submit electronically filed comments via the FCC's Electronic Comment

Filing System (ECFS) <<http://www.fcc.gov/cgb/ecfs/>>. Under ECFS Main Links, click on "Submit a Filing." In the "Proceeding" field, enter "03-104" and complete the required field. Comments may be typed into a form or you may attach a file containing your comments. Comments also may be submitted via e-mail, per instructions on the ECFS page. - *via ARRL Letter Online 6/20/03*

## FCC Rules and Regulations

If you have Internet service, go to <http://www.arrl.org/FandES/field/regulations/rules-regs.html> for FCC Rules Part 97 and other rule parts. The ARRL web site contains information about FCC rules, antenna restrictions, RFI, International operating, U.S. frequency allocations, bandplans, frequency coordinators, license renewal, rule changes, equipment insurance, club liability insurance, FCC links, frequently asked questions, and additional information. It's a wealth of information!

FCC Part 97 can be downloaded in a PDF format or can be viewed in plain text or HTML.

## Declining QSL volume reflects decaying conditions

ARRL Outgoing QSL Service <<http://www.arrl.org/qsl/qslout.html>> Manager Martin Cook, N1FOC, can't be certain, but he's ready to blame the downswing in the solar cycle for a marked decline in the number of QSL cards his bureau has handled so far this year. "I hope it's not going to be a trend of this cycle," said Cook, whose operation last year mailed out 1,963,165 cards from ARRL members to DX stations--an approximately 1.6 percent jump over 2001. So far this year, the trend is going the other way, with just 681,400 cards shipped compared with 951,000 by the same time one year ago. "This is a significant decrease in cards coming in from members for processing," said Cook, who manages the Outgoing QSL Service with assistance from Heather Dzamba. - *via ARRL Letter Online 6/13\*03*

## 60-Meter rules add new record-keeping requirement

When the five new 60-meter channels become available to US Amateur Radio operators at midnight (12 AM) local time on July 3, the rules will impose a new record-keeping requirement for hams. The requirement applies only to those using something other than a simple half-wave dipole for an antenna on the 5-MHz allocation.

According to §97.303(s), a half-wave dipole on the 5 MHz allocation will be presumed to have a gain of 0 dBd. "Licensees using other antennas must maintain in their station records either manufacturer data on the antenna gain or calculations of the antenna gain," the newest addition to the FCC's Amateur Service rules says.

Because the new rules also require hams to run no more than 50 W effective radiated power (ERP) on the new channels, the choice of antenna becomes an important compliance factor. The FCC rules stipulate, "For the purpose of computing ERP, the transmitter PEP will be multiplied with [sic] the antenna gain relative to a dipole or the equivalent calculation in decibels."

If you use a half-wave dipole--about 87 feet 3 inches for the "middle" channel according to the formula--setting your transmitter's power output power at up to 50 W peak envelope power (PEP) should ensure compliance.

Under no circumstances may

amateurs on 5 MHz radiate more than 50 W ERP in any direction, so those choosing to employ gain antennas will have to "do the math" and calculate their ERP. They also will have to keep a record of such antenna gain calculations on file. This might include documentation such as output from a computer modeling program for a homebrew antenna design. For example, an amateur using an array for 5 MHz exhibiting a calculated or modeled gain of 3 dB would have to cut power to 25 W PEP to comply with the new rules.

Operating on 60 meters is the subject of the July 2003 QST "It Seems to Us..." editorial <<http://www.arrl.org/news/features/2003/07/01/1/>> by ARRL CEO David Sumner, K1ZZ. "If we demonstrate that we can use [the 60-meter channels] responsibly, cooperatively and in the public interest, there is no reason we cannot seek expanded access at an appropriate time," Sumner wrote. "If your personal operating practices are inconsistent with that, please do yourself and everyone else a favor and confine your operating to the traditional bands."

The FCC Report and Order in ET Docket 02-98 is available on the FCC's Web site <[http://hraunfoss.fcc.gov/edocs\\_public/attachmatch/FCC-03-105A1.doc](http://hraunfoss.fcc.gov/edocs_public/attachmatch/FCC-03-105A1.doc)>. The ARRL has posted a list of frequently asked questions concerning 5 MHz operation on the ARRL Web site <<http://www.arrl.org/FandES/field/regulations/faq.html#sixty>> - via ARRL Letter Online 6/20/03



"Radio shelter" and Billy All's, N3KKM, 6 meter, 2 meter and 70 centimeter antenna assembly on top of van at the 2003 Field Day.

## Next VE Session

The next Brightleaf Amateur Radio Club VE session will be held on **August 15**. 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](mailto: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**

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## Meet the Member - Bob Dilk, KG4QXT

*(Continued from page 1)*

in Metallurgical Engineering. His first job out of college was in Marion, Indiana.

He got seriously interested in Amateur Radio when he met Frank Kolar, WA9FWO, who was (and still is) an avid ham. Frank introduced Bob to two meter FM and SSB HF. He wanted to get his license; and while the theory was no problem, the 13 wpm code was an obstacle. Twenty-seven years and one business and several jobs later he found out the FCC had a no code tech license class. In December 2001 he passed element two for the Technician license. He then began working the two meter FM nets. He used

the ARRL Morse code CD for learning the code to the point of 5 wpm and he passed the General theory and code tests in Feb 2002. He started to listen to HF after purchasing a Kenwood TS 520 from Murray, K4MHM, and started to transmit using a tuner he brought from Doug, K4ROK. His antenna is a simple random wire in the attic tuned up on the tuner.

Bob notes, "The guys on the Carolinas Slow Net (CSN) were really great as my early code was very rough." He also has fun working the 2-meter FM nets and SSB nets and is a regular on CSN and QNN on Monday nights. Bob enjoys collecting QSO cards as he works

the eastern US and Canada. He feels the guys in BARC were a great help getting him going.

Bob has been working at TRW Automotive in Greenville as Chief Metallurgist since Nov 2000.

He and Dina have been married for 31 years and they have two sons R.J. and Ryan.

His other interests include: flying single engine airplanes as a private pilot who is instrument rated. He also is a volunteer pilot with the rank of Captain for the Civil Air Patrol (CAP). He is also a musician and keyboard player (that's

*(Continued on page 9)*

## A few scenes from Field Day 2003



Mike Langley, KD4MTT, giving OJT on the E/G.



Richard Campbell, KG4SNE, FD Chairman, setting the TA-33 Jr. with a lot of help from the ground.



Richard, KG4SNE, logging and Scott LeMoine, KG4PZQ, operating one of the HF stations Saturday afternoon.



Byron, K4BMH, Ken, N8FF, Peter, KG4WEZ, Bernie, WA4MOK, and John, AA4MY, keep late hours!

## No Morse code controversy at WRC-03

Whatever else happens at World Radiocommunication Conference 2003 (WRC-03), there's no mystery about the delegates' direction regarding the Morse code requirement. Morse code proficiency will disappear as a treaty obligation for high-frequency access when the International Telecommunication Union (ITU)-sponsored gathering under way in Geneva concludes July 4.

"One matter on which there appears to be no disagreement is the Morse requirement," said International Amateur Radio Union (IARU) Secretary (and ARRL CEO) David Sumner, K1ZZ, in a report <http://www.iaru.org/rel030623.html> on the second week of activity at WRC-03. "It is clear that the outcome will be to leave it to administrations' discretion whether or not to have a Morse receiving and sending requirement." He said no administration participating in the sub-working group spoke in favor of retaining the Morse code treaty requirement.

The modification of Article 25.5 of the international Radio Regulations cleared Working Group 4C on June 24. Working Group 4C is dealing with this and other proposals relating to Article 25. The modified text says, "Administrations shall determine whether or not a person seeking a license to operate an amateur station shall prove the ability to send and receive texts in Morse code signals."

It's possible but unlikely that the text would be tinkered with further at the committee level or even in the Plenary, which considers items for adoption. Sumner said delegates continue to wrangle over other aspects of Article 25, which defines Amateur Radio operation.

Adoption of the Article 25.5 modification would not mean the immediate disappearance of the Morse requirement to operate on the amateur bands below 30 MHz. Each administration, including the FCC, would then decide whether or not to drop the requirement from its domestic regulations. Some countries have indicated a desire to retain a Morse code requirement.

Sub-working groups this week funneled their reports to larger working groups assigned to tackle various pieces of the huge WRC-03 agenda. More than 2600 delegates and other participants are attending the four-week conference. For WRC-03, the IARU has fielded its largest team of observers at an ITU conference in more than a decade.

There's less consensus on efforts to secure a "harmonized" 300-kHz-wide amateur allocation at 7 MHz. Sumner said initial discussions in Sub-Working Group 4C1 "were spirited and reflected sharp differences of opinion" between those advocating realignment and those favoring no change out of deference to the disruption that any realignment would cause broadcasting services now occupying 7.1 to 7.3 MHz in Regions 1 and 3, and the fixed services above 7.3 MHz that would be affected by any upward shift in broadcasting. Amateurs in the US and the rest of Region 2 enjoy a 300-kHz allocation from 7.0 to 7.3 MHz, but hams in the rest of the world, Regions 1 and 3, have only 7.0 to 7.1 MHz.

Three alternative proposals have been passed on to Working Group 4C. "The largest group favored realignment in two stages," Sumner explained. That group included the US, CEPT, CITEU and the African Telecommunications Union. The two steps would expand the band in Regions 1 and 3 by 100 kHz in 2007 and add the remaining 100 kHz in 2015. Other plans put forth contained longer time lines. By week's end, Sumner said, the issue could be passed on to Committee 4 and then to the Plenary, where items need two readings for ultimate WRC-03 approval.

The issue of an allocation for satellite-borne synthetic aperture radars (SARs) in the 70-cm band (432-438 MHz) also appears well on the way to resolution. "While it appears very likely that there will be an allocation, it will be secondary," Sumner explained.

Full reports on WRC-03 activities are available on the IARU Web site <http://www.iaru.org/news-releases.html>. - via *ARRL Letter Online* 6/27/03

## Well-known contester, DXer dies in fall from tower

Well-known contester and DXer Steve Miller, N8SM (ex-WD8IXE), of Prosper, Texas, died June 15 as a result of a fall while working on his Amateur Radio tower. He was 38. An ARRL member, Miller had extensive experience in tower work and antenna installation. With the assistance of several other hams, Miller had erected a 136-foot tower on his property and installed several antennas as part of his overall effort to build a competitive contesting station.

Details of the mishap that claimed Miller's life are not available. According to unofficial accounts, Miller had been working on his tower the morning of June 15, and, after a lunch break, told his wife, Radhicar, that he had another hour's work left. Later, she heard a noise from the yard and found her husband lying on the ground. Miller's wife called 911, but the rescue squad was unable to revive him.

First licensed as WD8IXE in 1977 at the age of 12, Miller--an Ohio native--enjoyed contesting and DXing. He was routinely active during the CW weekends of the CQ World Wide, ARRL International DX and ARRL November Sweepstakes events. He also operated as J68AG from St Lucia in the Caribbean and participated in a few DXpeditions, including several stints as a member of the J6DX team in the 1980s and 1990s. He was an ARRL DXCC Honor Roll member, with 332 entities confirmed (mixed).

In addition to ARRL, Miller belonged to the North Texas Contest Club <http://www.qsl.net/ntcc/> and 10-10 International <http://www.ten-ten.org/>. Besides ham radio, he enjoyed playing jazz saxophone.

An Ohio State graduate, Miller worked for Texas Instruments as part of its broadband wireless access group in Dallas. Survivors include his wife and their young daughter. A memorial service was held June 19. - via *ARRL Letter Online* 6/27/03

## BARC Monthly Minutes - June 2003

BARC Monthly Meeting Minutes  
Tuesday, June 10, 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, announced having newsletters from both Kinston and Greensboro for anyone who would like to see them.

TREASURER'S REPORT: John McCoy, K4KBB, reported funds received and spent during the past month.

HEALTH AND WELFARE: Bernie Nobles, WA4MOK, reported that Wayne Ross, WD4JPQ, is still in the hospital and taking treatments. We need to visit him when possible.

EQUIPMENT: Byron Highland, K4BMH, reported on the ICOM radio and accessories that were purchased with the money from the raffle. Mike Langley, KD4MTT, said that no one showed

up to help clean the trailer, and he hopes it will be OK for Field Day. Tables for the club can be purchased for \$31.00 each at Sams. The club voted to purchase 4 tables, and a power supply for the new radio.

MURRAY MERNER-TECHNICIAN CLASSES: The club voted to purchase a new text book for Technician grade license. Next Technician classes are set to start in early September after Labor Day.

PUBLICITY: Pat Williams, KG4NSC, reported that the Field Day kits were in, and that he had sent invitations to all Pitt County politicians to come out and join us for Field Day..

VE SESSIONS: Tom Parsons, W4TEP, reported that the next VE session will be held on June 20th at St. Peter's School on 5<sup>th</sup> Street at 6:30 pm. He reported getting e-mails from several persons wanting to take tests at this upcoming VE Session.

ARIES: Bernie Nobles, WA4MOK, reported future tests of portable antennas for 75 meters. He also mentioned that a new tropical storm may be headed this way.

ELMER SESSIONS REVIEW: John McCoy reported that the Morse Code

class for General Class was going good with the use of the computer. The next class would be on Thursday, June 19<sup>th</sup> at 7:00 p.m. Plan to come to continue the code training. We will be running the Morse code on the computer to review, and add more letters.

FIELD DAY PROGRAM: Richard Campbell, KG4SNE, Chairman of the Field Day Event reported that he has new banners that need painting. He has a cook, and he is getting 20 chickens. Everyone is to bring a covered dish, and the club will furnish soft drinks. He discussed the grass cutting, trailer and generator. Pre-assembly of the tents will be on Friday night at 6:30 p.m. We are to finish setting up starting at 7:30 a.m. Saturday morning. Several volunteers are getting the trailer and the generator, setting up the logging computers, putting up antennas, getting tables and chairs, etc. We will need everyone for take down Sunday between 12 noon and 3 p.m. He also discussed radios, computers, and antennas. Extra publicity was also discussed. The Greenville Mayor has made a proclamation for Amateur Radio Week in Greenville during this event..

BOARD MEETING: The next board Meeting will be on June 24<sup>th</sup> at 7:30 pm at

*(Continued on page 9)*

## BARC Board Minutes - June 2003

BARC Board Meeting: June 24, 2003

MEETING LOCATION CHANGE: This board meeting was held at the Bojangles on East 10<sup>th</sup> Street around a big round table.

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

TREASURER REPORT: John McCoy, K4KBB, was not reporting at this meeting as he was vacationing in Canada.

HEALTH & WELFARE: It was re-

ported that Wayne Ross, WD4JPQ, is home from the hospital.

EQUIPMENT: Byron Highland, K4BMH, reported getting the power supply for the IC-706 radio to be used at the upcoming Field Day.

PUBLICITY: Pat Williams, KG4NSC, reported letters going out to all elected officials in Pitt County inviting them to Field Day. He also reported that he appeared on Channel 7 on June 23<sup>rd</sup> during the 5 p.m. news show.

FIELD DAY: Richard Campbell, KG4SNE, reported that the grass was to

be cut at the Field Day site. He told about laying out the tent positions similar to last year. We discussed computers, antennas, and the Saturday night meal. All plans were finalized for the event.

FUTURE EVENTS: Future club events for summer and fall were discussed. We discussed a possible future tour of the active VOA site. Other programs for our monthly meetings was also discussed.

ADJOURNMENT: With no further business, the meeting adjourned about 9 p.m.

Respectfully submitted,

**Taylor Millar, KG4SNC**

## BARC Monthly Meeting Minutes

*(Continued from page 8)*

Mike's Marine on Highway 33 east. All members are invited to all board meetings.

ADJOURNMENT: With no further business, the meeting adjourned at 9:05 p.m.

Respectfully submitted,

**Taylor Millar, KG4SNC**

## Meet the Member - Bob Dilk, KG4QXT

*(Continued from page 6)*

how he worked his way through college). As an avid boater, he hopes to put a HF radio on his 22 ft sailboat *Knot Necessary* (he is quick to point out that Dina named it).

You can see Bob has a long standing interest in radio electronics and Amateur Radio. He has participated in the various activities of BARC and has given a presentation at one of the meetings on the CW nets. He is a great addition to the BARC organization and in turn we have offered him the opportunity to continue his boyhood interests. That's a good match up! *K4MHM*

# 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](mailto:w4ydy@qsl.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](mailto:dawsonw@mail.ecu.edu).

**For Sale:**

Hygain TH-6 tri-band beam. \$200 Hassell Bailey, W4OZV, 756-4471 or [hbb929@aol.com](mailto:hbb929@aol.com)

**For Sale:**

Ed Andrews (SK) estate. Kenwood TS-820 \$200. Kenwood TR-7800 2m FM \$60, GSC 35R 35 Amp power supply \$150, Shure mic \$40, Astatic D104 mic \$35, (2) Radio Shack mobile speakers \$15. Contact Annette Andrews 792-7657 (Williamston).

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**ATTN: Dave Langley** or email [w4ydy@qsl.net](mailto: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



Scott LeMoine, KG4PZQ, and Dave LeMoine, KV4CN, making final adjustments to the satellite antennas.

# *BARC*

## *CALENDAR OF EVENTS*

July 8 ..... **Regular Meeting**  
 July 12-13..... IARU HF World Championship  
 July 19 ..... Cary Swapfest  
 July 19-20..... CQ WW VHF Contest  
 July 29 ..... **Board Meeting**  
 Aug 2 ..... *Ham Chatter Deadline*  
 Aug 12 ..... **Regular Meeting**  
 Aug 15 ..... **BARC VE Session**

Aug 26 ..... Board Meeting  
 Aug **27** ..... *Ham Chatter Deadline*  
 Aug 30-31..... Shelby Hamfest  
 Sep 9 ..... **Regular Meeting**  
 Sep 13-14..... ARRL VHF QSO Party  
 Sep 27-28..... CQ/RJ WW RTTY Contest  
 Sept 30..... **Board Meeting**

**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  
**July 2003**

To:



PO Box 8387  
 Greenville, NC 27835

## Ham Chatter