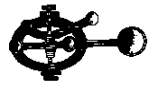




Ham Chatter



Volume XXXI Issue 12 An Official BARC, W4AMC, Publication

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Dave Langley, W4YDY, Editor

Email: w4ydy@sprintmail.com

Meet the BARC Members Joe Melton, WB4SLF

When help was needed for communications at an evacuation shelter during the two hurricanes that crossed over Pitt County in 1996, Joe Melton, WB4SLF, was on the job. He stayed at one shelter all night because there was no relief and he provided valuable communications to the Emergency Operations Center on conditions at the shelter and number of people that were taking cover. This is the kind of dedication that Joe has given to Amateur Radio communications and to the Brightleaf Amateur Radio Club. At the November meeting, because of his dedication to BARC and Amateur Radio, he was one of three voted in by the membership to bestow Honorary Life Membership to him.

Joe became interested in Amateur Radio in 1934 while in high school, but just put off getting his license. But in 1976, he decided to join the fun and fellowship and he became WN4SLF on July 27, 1976. He later upgraded and was assigned callsign WB4SLF, a call that is very familiar in North Carolina on 75 meters and 2 meters.

Originally from Robersonville, NC, Joe graduated from Robersonville High School in 1935. He also took High School Post Graduated courses in booking and typing. Joe ended up a long time resident of Farmville where he spent many years at the Farmville Hardware Store. He was Manager of the store when he retired on December 31, 1980. Joe's wife passed away March 20, 1983.

(Continued on page 3)

The Brightleaf Amateur Radio Club will have its annual Christmas party on December 9 at St. Peter's School on 4th Street. All members and their families and guests are invited to attend. The party starts at 6:30 PM, followed by the covered dish dinner at 7 PM. The next board meeting will be announced later.

Happy Holidays



ARNS Bulletin 12/97

Attention All Members!!

January is time to renew your membership dues. Please fill out the Application inserted in the Ham Chatter so your information can be updated when you send in your dues.

Thanks,

Three New BARC Life Members

WA4MOK WB4SLF KQ2V

At the November Brightleaf Amateur Radio Club meeting on November 11, three new Honorary Life Members were voted in by club members. They were Bernie Nobles, WA4MOK, Joe Melton, WB4SLF, and Brother Simon Jaworski, KQ2V. According to the BARC Constitution, "Honorary Life Membership may be conferred upon an adult member who shall have rendered notable service to the organization. These persons have all rights of Regular Members except they are not expected to pay dues."

Bernie, WA4MOK, has been very active for many years in the club holding office, serving on committees, assisting with Amateur Radio classes, leading and working on many club projects and assisting many amateurs in the club setting up their antennas.

Joe Melton, WB4SLF, has been active in many club activities, committee assignments and emergency work and as he said, "I just attend meetings". If every member attended meetings like Joe, BARC would benefit very much.

(Continued on page 8)

President's Corner - Paul, KS4YF

From the Desk of the President -

For all BARC Members - This is my last communication via the President's Corner. After two very satisfying years I have enjoyed a very productive partnership with your Officers, Executive Board members, and members. We have come some notable distance toward making our club achieve new levels of excellence. We have new members, new hams, new classes, broader participation, and new perspectives on future achievements. Along with this position comes a greater responsibility to maintain these efforts and undertake even larger goals for the coming year. BARC has chosen to become a Special Service Club. This means a closer relationship with both amateurs we serve and the ARRL Field Organization.

The Pitt County ARES organization continues to expand its community, regional, and even statewide responsibilities in the light of greater needs, resources, and even a reorganized structure and operations. ARRL designates a role for amateurs (membership not required except for officers) in support of emergency communications through the ARES (Amateur Radio Emergency Service).

Happy Birthday

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

2	W2YBN	John Mentha
2	W4ZRA	Rick LaMonica
8	WD4JPQ	Wayne Ross
13	KC4RBE	June Highland
18	WB4SLF	Joe Melton
19	KB4FWL	Bob Connelly

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

This organization has responsibilities amateur radio operators for administration, organization, training, and operation which is Emergency Communications. As an Assistant Emergency Coordinator in the Pitt County ARES organization I will be working to strengthen the ties between BARC and Pitt County ARES. Without the support, interest, and enthusiastic participation of Pitt County radio amateur operators neither group can achieve its mission. I look forward to these new responsibilities.

... you have made it a real privilege to serve with you as an officer in our Brightleaf Amateur Radio Club.

BARC has new leadership for 1998 - The Executive Board is composed of both experienced and recent additions to BARC. In all cases these individuals bring a wealth of background and experience to these positions. Our club is in very capable leadership hands. However, YOU, the member, are the 'moving parts' that make BARC function. Our leaders depend on being able to delegate responsibility. In this way we are all participants as well as beneficiaries to the activities of BARC.

The coming year promises much by way of opportunities to distinguish amateur radio in Eastern North Carolina: The Voice of America Site C opportunity for a permanent BARC site for meeting, amateur station, training, and emergency operations. This will likely come in the spring. Spring will offer both the Grifton Shad Festival and the Greenville International Festival. Summer will bring a renewed opportunity to compete in Field Day. Triangle clubs were winners this year - let's take our turn with these awards! (Orange County First in 5A/ battery, Raleigh ARS first in 7A, Cary ARC close 2nd in 3A) JOTA and SET

will come in October. Throughout the year we will all face opportunities to distinguish both BARC and amateur radio. Hopefully, these will be happy occasions and not the result of destruction, disaster, or calamity of property or people. In any and all cases I hope that we can all meet or exceed the demands in ways we can all be proud of.

In the coming days, I look forward to seeing you all at our Christmas Party and sharing supper as well as fellowship with you and your families. In the coming weeks I look forward to sharing the Holiday Seasons with you. In the coming months, I look forward to seeing you at BARC meetings and events. In the coming years, I look forward to all those new QSO's both In Person and On the Air. The past two years you have made it a real privilege to serve with you as an officer in our Brightleaf Amateur Radio Club.

BARC Christmas Party and Meeting - Tuesday, December 9, 6:30PM, Dinner served at 7:00PM.

73's de Paul, KS4YF

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Yakkey-Dee-Yak

You may notice a couple of items in this issue of *Ham Chatter* that go back a few years. They are reprints from the *Raleigh Amateur Radio Society News* that concerns activities of the Brightleaf Amateur Radio Society. When I was the editor of the RARS News, we had a circulation of five hundred (about one hundred members) and I invited other clubs from North Carolina to contribute articles about their club activities. Bob Knapp, W4OMW (SK), was the most active participant.

He sent in several articles and we enjoyed our relationship with him and BARC over the years. I always enjoyed seeing Bob and Mary at hamfests and conventions. Over the next year, I hope to reprint some more items that were of interest to Greenville and Eastern North Carolina about BARC and 2 meter repeater activities in the area.

In the October 1997 issue of *Ham Chatter*, I made some comments about profanity on the Amateur Radio bands. I got some feedback about it and it was all in agreement with my comments. In the December 1997 issue of *QST*, David Summer, K1ZZ, *QST* Publisher, wrote about the same subject in his editorial column, "It Seems to Us...". It is well worth reading for all Amateur Radio operators.

David, K1ZZ, also pointed out to me on December 1 via email, that "despite the wording of the Communications Act and the FCC regulations it is not possible for the federal government to enforce restrictions

on profanity as that is constitutionally protected. It is possible to enforce restrictions on indecency only if they are the least restrictive means of accomplishing the government's compelling interest in protecting children, and only if they are narrowly crafted to apply to times when there is a reasonable risk that children are in the audience. Thus, a 24-hour ban on transmitting indecency cannot be enacted, but a ban covering the hours when children are most likely to be listening can be as long as there is a "safe harbor" for such transmissions at other times. Obscenity is not constitutionally protected. I discussed this in more detail in the August 1992 *QST* editorial."

It looks like the FCC can only enforce laws and regulations that the courts allow. Even though there are regulations against profanity, the FCC

cannot enforce the regulations to the letter of the law.

K1ZZ has the right idea. Don't listen to the

"fruitcakes". Get on the air on other frequencies and use the bands responsibly and set a good example for others. In his August 1992 *QST* editorial, K1ZZ said, "Some complaints we hear are about people who simply don't think before they hit the push-to-talk switch or upload a flaming packet message. They're not bad guys, they're just insensitive; help them to see themselves as others see them, and their share of the problem will go away."

Although I have felt like getting on the air and telling them I thought they were out of line, I don't do it because some relish notoriety and you can't deal with those people. They think they are doing nothing wrong. If we lose Amateur Radio frequencies because of them, I'm sure they can find someone else to blame. - W4YDY

Meet the BARC Members - Joe Melton, WB4SLF

(Continued from page 1)

Joe reported that when it came to club activities, he said "Just attend the meetings." But as all active club members know, he does much more than that. He is active in emergency communications (as outlined at the start of this article) and he does more than his share at the annual ARRL Field Day in June. On the BARC Internet 1997 Field Day page, there is a picture of Joe swinging a big hammer driving stakes in the ground to help support the antenna poles. Joe also volunteers for assisting the club in the several other weekend activities during the year.

Equipment for Joe's Amateur Radio station consists of a Ten-Tec Omni V, a Kenwood 450S for mobile, an Icom 28-H for mobile, a Kenwood TM-241A, a Yeasu 2500 and a Kenwood 79-A dual bander HT. For Packet, he uses an Alinco DR1200 and a PK64 TNC. His antennas consists of a Mosley Classic 33 Triband beam, a Cushcraft 11 element 2 meter beam and a Ringo Ranger mounted on a nice tower at the back of his house in Farmville. He also uses an MFJ 962 tuner and a Viking phone patch. Joe enjoys operating the HF bands and he calls in the Coastal Carolina Net most every night on 3907 kHz. He is also active on 2 meters from his house and mobile.

Joe also enjoys using his IBM compatible computer and Digital color printer very much and he sends and receives a lot of email. Many times at the BARC functions (such as the Christmas party), you can see Joe taking pictures with his Casio QV-10 digital camera. Some of the members will be surprised later on when they get an email from Joe and there's your picture staring back at you! - **Happy Birthday, Joe.** - W4YDY

**K1ZZ has the right idea.
Don't listen to the
"fruitcakes".**

North Carolina ARES Appointments

This is an announcement to the Amateurs of the North Carolina Section regarding the appointment of a Western Branch District Emergency Coordinator (DEC), and a new Net Manager for the Tar Heel Emergency Net. These appointments will take effect immediately.

I am pleased to announce that Dennis Bell, KD4RYE, has been appointed as the Western Branch DEC.

Dennis will be replacing Greg Sellers, WB4HRR, who was the DEC for the old Area E

and Tommy Queen, K4BNP, who was the DEC for the old Area F. Greg will be focusing his time and efforts as the Charlotte Area Skywarn EC, which he has been doing, successfully, for many years. Tommy will be the new Area 14 DEC and acting new Area 15 DEC.

I would like to thank Greg for his service as Area E DEC and for staying as the Charlotte Area Skywarn

EC, where his knowledge and experience will be invaluable to the Skywarn side of the ARES program.

My thanks go to Tommy for staying on as the new Area 14 DEC and filling in as the new Area 15 acting DEC until a qualified amateur can be found.

I am also pleased to announce that Claude Chaffin, K4CWZ, will be the new Net Manager for the Tar Heel

Emergency Net (THEN). Claude will be replacing Dennis, KD4RYE.

Please join me in giving

both of these gentlemen congratulations on their new roles in ARES when you hear or see them. With their knowledge, ability and leadership, I know that these appointments will be of great benefit to the NC Section ARES Program.

Tnx es 73,

Charles Hayworth, K4MPJ, NC SEC

via email - 11/9/1997

These appointments will take effect immediately.

Busted Pirate Broadcaster is Ham

A well-known ham who thumbed his nose at the FCC was among those caught up in a Tampa, Florida, sweep by federal agents to shut down unlicensed broadcasting operations there. L. Douglas "Doug" Brewer, KC4HAZ, a General licensee of Temple Terrace, Florida, was detained when armed agents moved in to close down the pirates and confiscate equipment. Brewer is the trustee of several Amateur Radio repeaters in Tampa.

Brewer, 43, operated "The Party Pirate" from his home on 102.1 MHz. He told reporters that he was awakened November 19 at 6:30 AM by armed US marshals who handcuffed him. According to news reports, federal agents seized equipment from his home studio and from a remote broadcasting van that carried a "102.1 FM Pirate Radio" logo. They also dismantled a 150-foot tower. US marshals trucked away the equipment in a rental vehicle as Brewer looked on.

Known on the air as "Craven Moorehead," Brewer is said to have taunted FCC officials on and off the air and has refused to pay a \$1000 FCC fine. Brewer has hinted that he plans to return to the airwaves. The Party Pirate was the subject of an article earlier this year in *The Wall Street Journal*. Brewer's Web site includes pictures of FCC agents taking field strength readings outside his house. - via *ARRL Letter Online* 11/28/97

Bogus bulbs? Merit Arnold, W6NQ, of RF Parts in San Marcos, California, asks in an Internet posting if anyone has encountered counterfeit high-power transmitting tubes (eg, 3-500Z, 3-500ZG, 4-400 series) at flea markets or through overseas suppliers. He says that since Eimac left the glass tube business, he's learned of instances where Eimac and Amperex logos and cleverly copied markings or labels have been applied to

(Continued on page 8)

MIR To Begin Crossband Experiment

Ham radio aboard the Russian *Mir* space station will go crossband on an experimental basis starting December 1. The crossband test is part of an ongoing "two-phase frequency experiment" aimed at improving Amateur Radio operations aboard *Mir* and at better understanding which frequencies or combinations of frequencies will work for the International Space Station. Phase 1, a 70 cm-2 meter "crosslink" experiment, will run until March 1, 1998. The uplink frequency will be 437.850 MHz, and the downlink frequency will be 145.800 MHz.

Phase 2 of this experiment, starting March 1, 1998, will use a 2 meter-only set of uplink and downlink frequencies. It will continue until June 1, 1998.

This experiment was developed by the international partners in Manned Space discussions at the recent Toronto AMSAT-NA Space Symposium. It was

endorsed by SAFEX; SAREX; AMSAT-UK; the IARU Region 2 President; the IARU Satellite Advisor, ZS5AKV; ARI (Italy); and RAC (Canada). While not present at the Toronto meeting, the US MIREX team also was consulted and has agreed with the spirit of this experiment.

US astronaut Dave Wolf, KC5VPF, has been reported too busy to get on the air from *Mir* in recent weeks. MIREX officials have been told that the feedline for the *Mir*

packet station was damaged during the November 6 space walk. Current problems with the attitude control computer aboard *Mir* might delay the next space walk that could repair the antenna until January. Until the *Mir* computer problems are resolved, it's expected that the SAFEX II repeater may be shut down for a while.--*AMSAT News Service; MIREX - via ARRL Letter Online* 11/28/97

The uplink frequency will be 437.850 MHz, and the downlink frequency will be 145.800 MHz.

FCC Initiates Universal Licensing System

As a first step in implementing its new Universal Licensing System (ULS), the FCC's Wireless Telecommunications Bureau is attempting to "populate" the ULS by getting licensees to register. Ultimately, the ULS will give hams and other licensees on-line access to make license updates and renewals, eliminating the need for hardcopy forms like the venerable Form 610. An FCC Public Notice said the ULS is aimed at combining the 11 different licensing systems the Bureau now uses--including Amateur Radio--into a single system.

ULS registration requires supplying a Taxpayer Identification Number (for individuals, this is typically your Social Security Number) and "associated call signs." These could include your individual call sign plus any club station call signs for which you are the trustee.

The Public Notice said that in conjunction with the ULS, the FCC "must collect TIN information to correlate its licensees with any outstanding Federal debt that they might have incurred in other dealings with the Federal Government." All vanity call sign applicants must now supply a TIN as part of Form 159.

On-line registration via the Internet is available. In addition to providing basic name and address information, registration requires you to establish a password that you must use along with your TIN to re-enter the system to make future changes. The ULS also lets you check the status of a pending application. A spokesperson in the FCC's Technical Support Group said the FCC will verify all data supplied at the time of

... on-line access to make license updates and renewals, eliminating the need for hardcopy forms ...

registration to ensure that it is valid before the data are entered into the FCC licensee database.

Using the TIN and the associated call sign (s), the ULS assigns a unique sequential number to each licensee. The WTG says that once it has registration information and has implemented the ULS, it will streamline and simplify the FCC's ability to handle future administrative changes (name and address changes, for example).

Licensees are invited to register electronically at <http://www.fcc.gov/wtb/uls>. Select ULS Registration. Licensees without access to the Internet may file a TIN registration form, FCC Form 60, from the FCC's fax-on-demand service at 202-418-0177 or by calling the FCC Forms Distribution Center, 800-418-3676. --FCC - via ARRL Letter Online 11/7/97

W4OMW Info: BARC 24 Years Ago!

BRIGHTLEAF AMATEUR RADIO CLUB - GREENVILLE, N.C.

BARC at its November meeting nominated and elected officers for the 1973/74 season. President is James Miller, W9NTV/4 (our recent V.P.). The new Vice-President is Fred Bauman, WB4ZOM and Jack Kear, K4MI, is the Secretary-Treasurer. Our new president appointed Gary Amburt, WA4BVA, as Activities Manager, and Ed Hackett, WN4EPU, volunteered to assist (by the time this gets into print, Ed hopes to have dropped the "N" from his call). To start things off the activity committee will take over preparations for the coming Christmas dinner meeting with date set for Friday, December 14.

It was pointed out that BARC has three members who are also members of the ENC Repeater, Inc. - WB4HEW, W4NXY and W40MW, who attended the recent board meeting held in Wilson, N. C. Quite a few plans were made at this meeting for further improvements of the WR4ABP repeater. Hopes are that more BARC members will become interested in 2 meter FM, especially for the emergency aspect that has tremendous possibilities.

The North Carolina QSO party held during October was not quite up to expectations as far as activity was concerned, but we have some nice comments from participants outside of N. C. and it is hoped that next year things will be better. Next year the Alamance A.R.C., Inc. will sponsor the shindig! The big problem is getting logs from the North Carolina participants, and especially those with fairly high scores. This same situation existed for the recent 4-Land QSO party with only about a third of the fourth district participants sending in logs.

Bob Knapp, W4OMW
via December 1973 RARS News

Eastern NC Severe Weather & Hurricane Conf.

There are plans for a Severe Weather and Hurricane Conference scheduled for October 9-11, 1998, in New Bern, NC. People are needed for presentations on the following:

- ARES/SKYWARN Relationship
- SKYWARN and Hurricane Bertha and Hurricane Fran
- SKYWARN and The Emergency

Management Relationship

If anyone is interested in doing a presentation on any of these subjects or any other subjects, please email me before December 31, 1997. Conference details will be coming out in January, reserve these dates for this important conference!

Chris Phillips - Email:
stormchaser@coastalnet.com
Via email 11/11/97

FCC Issues RF Safety Supplement B to OET Bulletin 65

Hams now have basic guidelines and tools to evaluate their stations for compliance with the FCC's RF exposure guidelines that start phasing in January 1, 1998. The FCC's Office of Engineering and Technology issued the long-anticipated Amateur Radio *Supplement B* to its OET *Bulletin 65* on November 18. The FCC worked closely with the Amateur Radio community to develop the new supplement. Several ARRL Headquarters staff members and Technical Advisors reviewed preliminary drafts of the supplement. ARRL Lab Supervisor Ed Hare, W1RFI, has been the League's point man for RF safety and exposure issues.

"It has been my pleasure to work with the FCC staff and the amateur community in finalizing Supplement B," Hare said. "All who have been part of this process deserve the thanks of the entire amateur community."

Supplement B, entitled *Additional Information for Amateur Radio Stations*, contains detailed information specific to ham radio stations. It is designed to be used in conjunction with the FCC's OET *Bulletin 65* (Version 97-01), *Evaluating Compliance with FCC Guidelines for Human Exposure to Radiofrequency Electromagnetic Fields*. The revised *Bulletin 65* was issued earlier this year. *Supplement B* covers definitions of RF radiation and discusses the FCC exposure guidelines and their applications, methods of predicting human exposure, estimating compliance distances, and controlling exposure to RF fields. The supplement runs approximately 70 pages. Among its noteworthy highlights are numerous easy-to-use tables based on various frequencies, power levels and antenna configurations to help hams determine whether their stations comply with the FCC's published RF exposure guidelines. Most tables show compliance distance--the distance that an antenna needs to be located from areas of exposure to be in compliance. (For a

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How NOT to Put up an Antenna Tower

Author unknown

I am writing in response to your request for additional information.

In Block No. 3 of the accident report form, I put "Poor planning" as the cause of the accident. You said in your letter that I should explain more fully, and I trust that the following details will be sufficient.

I am an Amateur Radio operator. The day of accident, I was working alone on the top section of my new 80 foot antenna tower. When I had completed work, I discovered that I had, over the course of several trips up the tower, brought up about 300 lbs. of tools and spare hardware. Rather than carry the now unneeded tools and material down by hand, I decided to lower the items in a small barrel by using a pulley which, fortunately, was attached to the top of the tower.

Securing the rope at ground level, I went to the top of the tower and loaded the tools and materials into the barrel. Then I went back to the ground and untied the rope, holding it, tightly to insure a slow decent of the 300 lbs. of tools. You will note in block number eleven of the accident form that I weigh 155 lbs. Due to my surprise at being jerked off the ground so suddenly, I lost my presence of mind and forgot to let go of the rope. Needless to say, I proceeded

at a rather rapid rate up the side of the tower. In the vicinity of the 40 foot level, I met the barrel coming down. This explains my fractured skull and broken collarbone. Slowed only slightly, I continued my rapid ascent, not stopping until the fingers of my right hand were two knuckles deep into the pulley.

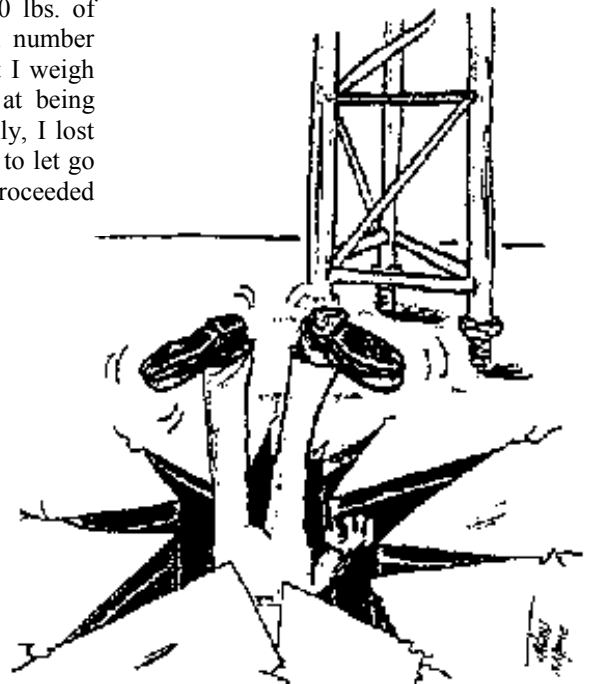
Fortunately, by this time, I had regained my presence of mind and was able to hold tightly to the rope in spite of

my pain. At approximately the same time however, the barrel hit the ground and the bottom fell out of the barrel. Devoid of the weight of the tools, the barrel now weighted 20 lbs.

I refer you again to my weight in Block No. 11. As you might imagine, I began a rapid descent down the side of the tower. In the vicinity of the 40 foot level, I met the barrel coming up. This accounts for the two fractured ankles and the lacerations of my legs and lower body. The encounter with the barrel slowed me enough to lessen my injuries when I fell onto the pile of tools and, fortunately, only three vertebrae were cracked. I am sorry to report, however, as I lay there on the tools, in pain, unable to stand, and watching the empty barrel 80 feet above me, I again lost my presence of mind. I

LET GO OF THE ROPE

Via ARNS Bulletin, February 1997 - ARNS Editors
Note: We found this piece in *RadioActive*Notes*, the newsletter of the Port Ludlow Amateur Radio Club in Port Ludlow, Washington, Editor, Jack Schmidt, W7JS (then K17WQ). Jack says it appeared as "author unknown" in an Elk's newspaper with the victim as a bricklayer and was converted to ham radio by another unknown writer.



FCC Issues RF Safety Supplement B to OET Bulletin 65

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closer look, see "FCC RF-Exposure Regulations--the Station Evaluation," by Ed Hare, W1RFI, which will appear in the January issue of *QST*.)

The new RF exposure rules go into effect January 1, 1998 for all new stations and for those filing a Form 610 with the FCC after that date. Existing stations have until September 1, 2000 to comply with the new rules. But, existing stations making changes that could affect RF exposure from their station--such as increasing power or relocating antennas--must evaluate that change if done after January 1, 1998.

As first announced, the FCC set a power threshold of 50 W to trigger the need to do a station evaluation. In late August, the FCC revised the power level thresholds to trigger a routine Amateur Radio station RF exposure evaluation. Those changes were welcome news for most hams. The newest guidelines raised its original 50-W PEP threshold on all bands except 10 meters through 2 meters,

where it remains at 50 W PEP. The FCC went along in part with an ARRL request and established a sliding scale for threshold levels dependent upon frequency. The revised thresholds (all PEP) are 500 W for 160 through 40 meters, 425 W on 30 meters (the

on 13 cm and higher frequencies.

The threshold for amateur repeaters is 500 W effective radiated power (ERP) if the repeater antenna is located on a building or is less than 10 meters above ground. Stations operating at or below these respective power levels are categorically excluded from having to conduct a routine RF radiation evaluation. Mobile and portable (hand-held) devices using push-to-talk operation generally are also exempt from evaluation. But, all stations--regardless of power level--still must comply with the RF exposure limits that become effective New Year's Day.

Hams now have basic guidelines and tools to evaluate their stations for compliance with the FCC's RF exposure guidelines

maximum legal power is 200 W), 225 W on 20 meters, 125 W on 17 meters, 100 W on 15 meters, 75 W on 12 meters and 50 W on 10 meters. The threshold for all VHF bands is 50 W. On UHF, the threshold level is 70 W on 70 cm, 150 W on 33 cm, 200 W on 23 cm, and 250 W

OET Bulletin 65 and the new Supplement B are available at <http://www.fcc.gov/oet/info/documents/bulletins/#65>. Copies are available from International Transcription Service Inc, 1231 20th St NW, Washington, DC 20036; tel 202-857-3800; fax 202-857-3805. - via ARRL Letter Online 11/21/97



Picture on Page 6: Courtesy Tom Irwin, AA0ME from his book: "Just when Tom had Jane convinced that his friends were normal, he took her to a hamfest!"

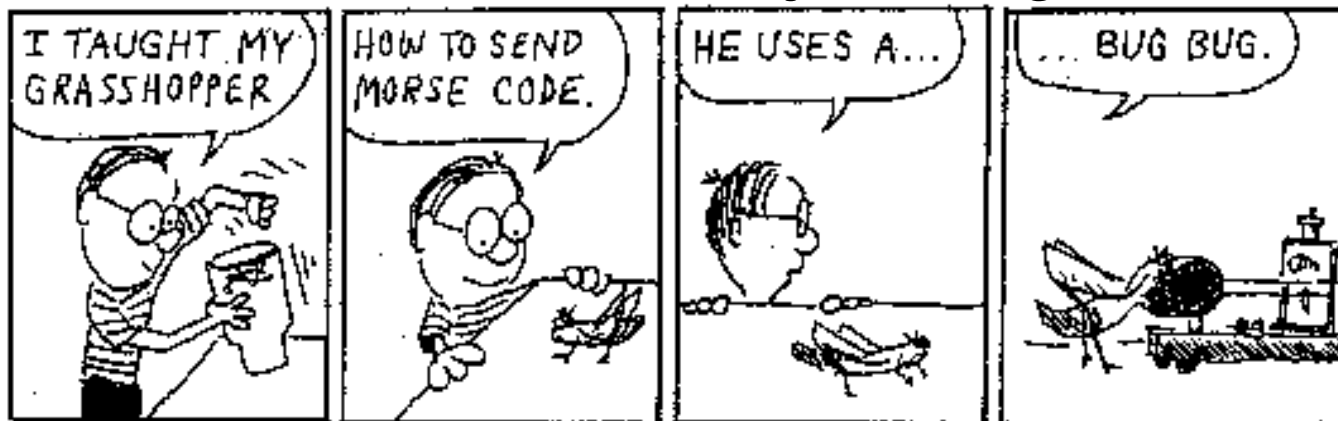
Ham Brochures on the Road: If you're traveling through Connecticut, don't be surprised if you see ham radio brochures at several Interstate rest stops or at Bradley International Airport. The Educational Activities Department has distributed *Ham Radio . . . Today and Into the Future* as part of its efforts to spread the word about our great hobby. The brochures tell what ham radio is all about and refer readers to the ARRL. - via ARRL Letter Online 11/28/97

BARC on 10 Meters

Heard there were a few of the Brightleaf Amateur Radio Club members hanging around 28.400 MHz at 7:00 PM EST every night. It's a good place for members to get together and for past members that have moved far away to check in when conditions permit. Ten meters has improve very much in the last few months. - W4YDY

ELMER

By Rich Regent,



Via ARNS Bulletin - June 1996

BARC Monthly Minutes - November 1997

BARC MONTHLY MEETING
November 11, 1997 1930HR.
ST. PETERS SCHOOL

1. Call to Order by Paul Fletcher, KS4YF, President.
2. Introductions / Rollcall / Welcome Visitors and Guest Speaker, Doug Ferris, K4ROK.
3. 50/50 Invitation.
4. October Meeting Minutes approved by group as published in the Ham Chatter.
5. Reports from Officers / Old Business / New Business:
 - A. Treasurer's Report: Presented earlier to Paul by Brother Simon Jaworski, KQ2V. Current Balance \$1096.70
 - B. Secretary's Report by Juanita Humbles, KE4JWK: Usual monthly newsletters received. The Mental Health Assoc. of Pitt Co. is asking for Gift Items and Cash Donations for their 1997 Operation Santa Claus Campaign. AEA, a division of Tempo Research Corp. now, is back in business and offering the AEA line of antenna and analyzer products well known to the Amateur Radio field. See Brochure if interested.
 - C. Paul noted the SET results are still being tabulated. Doug, K4ROK voiced Dare Co. with possibly 250 points and Pitt Co. 500 points. It looks as if the Eastern Carolina area may have shown the most participation in the State.
 - D. Tom Parsons, KD4AFH with update on the HAM Radio Class. Participation about the same. Classes going well.
 - E. Paul reminded everyone of the BARC Christmas Party on Dec. 9, 1997 at 6:30PM with Supper starting at 7:00PM. Plans are for Pot Luck Dinner

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tubes manufactured in China which are then packaged in yellow Eimac-style or Amperex boxes. Arnold says that recent-issue Eimac 3-500Z/ZG tubes will have the Eimac logo imprinted on the grid shroud. Also, he says, Eimac will usually have the serial number engraved with vibrating pencil on the shroud. On the other hand, the counterfeit overseas tubes will have the date code and serial number

again. The Board Members will be dividing the Roster and calling all members to encourage everyone to attend. Plans are in the works for possible Door Prizes.

F. Suggestions have been made to apply for the ARRL Special Service Club status. BARC has been fulfilling the requirements for years now without the recognition. A motion to apply was presented by Harold Bailey, KD4NRB, 2nd by Eugene Underwood, KE4JZU, and approved by the group.

G. Murray Merner, KF4FQB asking how to go about getting someone appointed by ARRL to certify QSL cards. Paul has been looking in to this and awaiting reply from ARRL.

H. Absentee Ballot - continued discussion by the group with Pros and Cons voiced. Paul will appoint a committee to look into the feasibility and rules of an absentee ballot.

I. Juanita presented a letter to the club to recommend Joe Melton, WB4SLF, Bernie Nobles, WA4MOK, and Brother Simon Jaworski, KQ2V be designated as Honorary Life Members at our Annual Meeting. A motion presented by Gary Gasperini, KE4SMJ, 2nd by James Eubanks, KD4JOV and Dave Langley, W4YDY to designate these three as Honorary Life Members was accepted and approved unanimously by the Group present. Juanita reminded all that the Honorary Life Membership consists of Full Member rights and privileges without having to pay dues. Paul voiced congratulations to Joe, Bernie, and Brother Simon for their dedicated service to the club and hopes that they will continue to share their knowledge and support to the Club!!

J. Ballots were handed out for

stamped along the edge or on top of shroud (first two digits indicating year of manufacture). Counterfeit 4-400 series "Amperex" tubes use a "slip-on" anode terminal with a set screw. Genuine Amperex tubes have the terminal fused through the glass. W6NQ would like to hear from anyone who has run into these bogus tubes. E-mail him at rpf@rfparts.com. --thanks to Marv Gonsior, W6FR - via ARRL Letter Online 11/14/97

the annual awards: Ham, Old Man, New Ham, Elmer, and YL of the Year. The group voted. Brother Simon to tally the votes and Mike Langley, KD4MTT to make the awards.

6. 50/50 Drawing: \$17.00 collected, with \$8.50 won by Harold Bailey, KD4NRB in which he donated his part back to the Club.

7. G. Roger Allen, KD4MYE attended the meeting and was campaigning for the NC ARRL Section Manager's position.

8. Tonight's Program: Coastal Linking System by Doug Ferris, K4ROK. Doug demonstrated how to bring up the links and contacted Billy Mitchell, WB4SGA. See handout for Links and Frequencies.

9. Paul noted the PCMH project coming along with 2 sites chosen on top of the Emergency Dept. for towers. Now in need of funding to purchase the towers. VOA Site C update - Proposal gone to the Federal Government to purchase site with possible decision in the Spring.

10. Gary voiced a special thanks to all the Veterans for their personal sacrifice in serving our Country over the past years.

11. The Meeting was adjourned at 2100hr. by motion of Harold and approved by the group.

Minutes by Juanita Humbles, KE4JWK

Three New BARC Life Members - WA4MOK, WB4SLF and KQ2V

(Continued from page 1)

Brother Simon, KQ2V, has been very active in leading the VE program for BARC, teaching many Amateur Radio classes and participating in many club activities. He has assisted the club in securing meeting rooms for the club.

The Brightleaf Amateur Radio Club is fortunate to have three such dedicated Amateur Radio operators in the membership. Congratulations to all. -

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@sprintmail.com

FREE:

To anyone that can use large capacitors in a High Voltage Power Supply. Two large size GE 15 μ f, 5000 VDC, each.

Charlie T. Wells, K4SKI, 355-3325 1

FOR SALE:

1) Johnson Viking II HF transmitter with model 122 VFO. All tubes in place, excellent condition, ready to go.

2) Hallicrafters model SX-101A HF receiver. Also excellent condition, ready to go. These radios would make an excellent set for the back-to-the-basics ham, or someone who wants to see what makes a radio work. They'll also keep the shack warm on a chilly winter night! Original owner's manuals for both. I have a couple early AM broadcast radios, too.

Contact Walter Rosenberger, 355-3809. 1

FOR SALE:

TS-830-S with fox tango filters plus outboard VFO (Remote VFO240) and a genuine hand held mike. Comes with original cartons and instruction manual. \$ 650.00 plus UPS. Works good. Icom 738. Original carton plus manual. \$900.00 plus UPS. Also works good.

Call Jack Kear, K4MI at 814-742-9893 1

FOR SALE:

G6-270 Antenna Dual Bander. \$100.00
KDK FM 2016 2 mtr transceiver. \$70.00
Wayne Ross, WD4JPQ, 756-7719 1

VE Session Set for December 19

The next Brightleaf Amateur Radio Club VE session will be held on December 19 at St. Peters School.

Tom Parsons, KD4AFH, has been leading an Amateur Radio class for the past few weeks. The class of about ten students will finish on December 18, so there is expected to be a good group taking Amateur Radio exams the following night. All VE examiners should make an effort to attend and help with the administration of the exams.

The exam fee is \$6.25 if required for the license. Candidates for the exam will need to bring two forms of ID, one which must be a picture ID. For more information, contact Brother Simon, KQ2V. - *W4YDY*

Ham Hurt in Hamfest Explosion

Jose Martinez, WA4VUZ, of Pembroke, Florida, was seriously injured when his motor home exploded during the Palm Beach County Hamfest the weekend of October 18-19 in West Palm Beach. According to a report in the October 20 edition of the *Sun Sentinel* newspaper, the explosion was caused by a leaky propane gas tank. "Known for their prowess in helping victims of hurricanes and other natural disasters that destroy routine communications, Martinez's fellow radio enthusiasts rushed to confront a major emergency of their own," the report by staff writer Tim Collie said. Martinez reportedly suffered burns. He was helicoptered to a hospital in the wake of the early-morning blast and was reported in satisfactory condition. Another man also was injured. The newspaper said that hams at the gathering took up a collection for Martinez, a regular at the Palm Beach County Hamfest. --thanks to Mort Eisenberg, K3DG - via ARRL Letter Online 11/7/97

NETS

VHF

- ◆ BARC Net, Mondays, 2000 on 147.09 Mhz, W4GDF Repeater.
- ◆ Pitt County Emergency Communications Net, Mondays, 2100 on 147.09 MHz.
- ◆ Eastern North Carolina Traffic Net, Every night, 2030 on 146.685 MHz.
- ◆ New Bern Amateur Radio Club/ Eastern NC 220 Association for the WD4JMS & WD4DAN Net, Monday, 2000 on 146.61 MHz
- ◆ Wilson Amateur Radio Club Net, Monday 2030 on 146.76 MHz.
- ◆ Piedmont Coastal Traffic Net, Nightly 2030 on 146.76 MHz.
- ◆ Newport WFO SKYWARN Net, Wednesday, 2100 on 145.21 MHz
- ◆ Coastal Emergency Linking Net, Wednesday, 2100 on 145.11 MHz and linked repeaters.
- ◆ 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 1900.

BARC 27 Years Ago!

"One of the best parts of any convention is seeing long-time friends and meeting new ones. W4OMW informed me that nine members from the Brightleaf Amateur Radio Club in Greenville, N.C. had come up for the convention. (It was great to see W4IBT again.) Lew McCoy, W1ICP, QST Novice Editor, spoke to a special meeting of BARC on Thursday night before the convention." - *Excerpt from Yakkey-Dee-Yak from the Editor - via RARS News, December 1970*

The Raleigh Amateur Radio Society hosted the 1970 Roanoke Division ARRL Convention in October 1970.

BARC

CALENDAR OF EVENTS

December 5-7	ARRL 160 Meter Contest	February 1	Ham Chatter Deadline
December 6	Greensboro Hamfest	February 10	Regular Meeting
December 9	Christmas Meeting & Party	February 14-15	ARRL CW DX Contest
December 13-14	ARRL 10 Meter Contest	February 20	BARC VE Session
December 19	BARC VE Session	February 21	Elkin Hamfest
January ?*	Board Meeting	February 26	Board Meeting
January 4	Ham Chatter Deadline	February 21-22	CQ WW SSB 160M Contest
January 13	Regular Meeting	March 1	Ham Chatter Deadline
January 17-18	ARRL VHF Contest	March 10	Regular Meeting
January 18	Richmond, VA Frostfest	March 22	Hamfest at Kinston
January 24-25	CQ WW CW 160M Contest	March 26	Board Meeting
January 29*	Board Meeting	March 29	Ham Chatter Deadline

* Dates Tentative

BARC 2 METER NET - MONDAY NIGHTS AT 8:00 PM - 147.09 W4GDF REPEATER
 PCEC 2 METER NET - MONDAY NIGHTS AT 9:00 PM - 147.09 W4GDF REPEATER
 BRIGHTLEAF AMATEUR RADIO CLUB STATION

W 4 A M C

December 1997

*Happy
Holidays*

To:



PO Box 8387
Greenville, NC 27835

Ham Chatter