



Ham Chatter



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SILENT KEY

Jim Hecker, KD4VBX



Our fellow ham and member of the Brightleaf Amateur Radio Club, James Arthur Hecker, KD4VBX, became a silent key on July 13, 1997 at the age of 77. He died at his home in Greenville, NC.

Jim was a native of Glendale, NY and attended New York City schools and went to the University of Mississippi and New York University. He was in the army from 1942 to 1946 and served in the judge advocate general's headquarters in Cairo, Egypt.

Jim was an industrial engineer and he and his family moved to Greenville in 1964 with Empire Brushes (now a Rubber Maid plant). He retired as plant manager in 1995. He was active in the US Coast Guard Flotilla and was a Boy Scout leader and council member for 20 years.

Jim got his ham license late in life at the age of 72 getting encouragement from Jack Kear, K4MI, and Simon Jaworski, KQ2V. He got his Technician Class 12-29-92. As his son Brian puts it, "He had time on his hands and money in his pocket." Jim had an interest earlier in his life having saved a telegraph key from when he was much younger. His latest upgrade to General Class was on 8-2-95. His son Steve noted that he enjoyed meeting people on the air. Brian added that he was also interested in the welfare side of amateur

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The Brightleaf Amateur Radio Club will have its monthly meeting on August 12, at 7:30 PM at St. Peter's School on 4th Street. The program will be about satellites and Amateur Radio. Brother Simon, KQ2V, will be the speaker. All members and guests are invited to attend.

FCC OPENS VANITY GATE 3

The long wait is over for Advanced class amateurs. The FCC has announced that it will open filing Gate 3 of the Vanity Call Sign Program on Wednesday, August 6, 1997. Advanced class hams will be able to apply for a call sign appropriate to their license class on or after that date. Applicants must file either a paper FCC Form 610V or electronically via the FCC's Web site at <http://www.fcc.gov/wtb/amradsrv.html> and pay the current \$30 fee.

The August 6 deadline squeaks under the implementation of the FCC's new fiscal year 1997 fee schedule, adopted June 16. Under the FY 97 schedule, which becomes effective September 16, 1997, the vanity application fee will jump to \$50 a year. The ARRL had asked the FCC to suspend implementation of the higher FY 1997 fee until after the remaining gates have been opened and applicants had an

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Zelda Kear, Wife of K4MI, Passes Away

Zelda Rhea Kear, 71, passed away on July 12, 1997. She was the wife of Brightleaf Amateur Radio Club member, Jack Kear, K4MI. They recently moved to Pennsylvania from Greenville. She is survived by Jack and two children, Regina Reib of Factoryville, PA and Robert Kear of Harrisburg, NC. Services were held in Pennsylvania on July 19, 1997.

Memorials in her memory may be made to The Lutheran Global Health Ministries, 7831 Hickory Street, N. E., Minneapolis, Minnesota 55432-2500.

The BARC and its members extend their condolences to her family and friends.

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President's Corner - Paul, KS4YF

From the Desk of the President -

***Dog Days (Daze?)* are HERE!**

After a long, cool, spring *Summer* arrived on the Fourth of July (actually 6/20) and is with us full-force. A couple of wannabe hurricanes slipped by us well offshore, but *Danny* sneaked through the back door and caused some problems in central NC, notably Charlotte. So far, the East has been lucky - let's hope we stay that way through this season. I just returned from a few days with my family at Emerald Isle. The effects of *Bertha* and *Fran* are still evident and will remain for years. yesterday evening we took a roundabout route to supper at a restaurant. Usually, we go and come largely through commercial properties, but this trip took us through a newer residential area. We visited the Outer Banks between Duck and Corolla over July 4 both this year and last for part of a week. Both times we were struck by the sheer size and elegance of the houses there - not the beach cottages I came to know as a child. Now, I find homes that rival those in the best parts of Greenville - in Emerald Isle - all squarely in the grasp of even the modest odd

hurricane. I remain amazed at the potential for destruction of real estate, not to mention the lives of those who are very likely to stay in those otherwise sturdy structures. I surely hope this recipe for disaster is never served!

Meanwhile, we approach *Fall* and the opening of school. Brother Simon left for Connecticut last week to gather a fellow Franciscan, Br. Cletus, to join St. Peter's School as Assistant Principal. We trust that he will soon see the true light and join **BARC**. Br. Simon is presenting the program for the August **BARC** meeting. He will provide us with an essential understanding of satellite communications for amateur radio.

Satellites are no longer a curiosity, but an everyday part of our lives. The digital satellite services for television has been a boon for those who live outside cable coverage areas. So many services from television, to global positioning systems (GPS), to a seemingly endless array - soon to include the Phase 3D Amateur Radio Satellite, too. We benefit from their ability to provide wide area coverage for relatively modest investment. This is especially

evident when we are able to take advantage of a variety of communications services and the ability to learn of severe weather well in advance. As amateur radio operators we must learn to incorporate these new technologies into the variety of ham radio. The application of digital and satellite technologies promises to revolutionize amateur radio, consumer, and business communications, too. Join me to hear one of our own, Br. Simon lead us through the hurdles of **Satellite Radio**, Tuesday Night, August 12, 7:30PM, St. Peter's School.

73's de Paul / KS4YF

VE Session August 15

The next VE session will be held on August 15, at 6:30 PM at St. Peter's School on 4th St., Greenville. The testing fee is \$6.05 payable in cash or check. Candidates for the exams will need to bring two forms of ID, one of which must be a picture ID. All VE's need to contact Brother Simon.

Twenty Meters Opens for Queen's Amateur Radio Debut

As if by royal decree, a sluggish 20 meters suddenly opened between St John's, Newfoundland, and Bristol, England, on June 25 as Queen Elizabeth II became the first reigning British monarch to speak over ham radio. Paul Piercey, VO1HE, president of the Society of Newfoundland Radio Amateurs (SONRA), which arranged the transmission between VO500JC and GB500JC, said band conditions had been "quite poor" immediately prior to the event. "It was not known if the contact would be made," he said.

But when the appointed hour arrived, Piercey said, "it was almost as if the path opened up and, at 1801 UTC, the contact was made." The response from Martyn Phillips, G3RFX, on the Bristol side "was quite loud, despite the poor conditions," Piercey reported. He and Dan Goodwin, VO1MX, assisted the

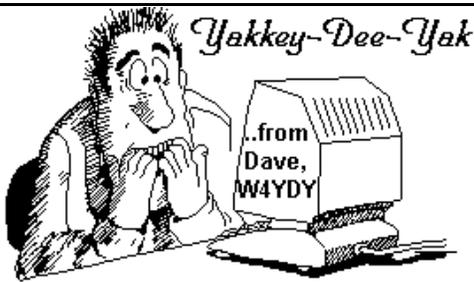
Queen on the Canadian end of the QSO, while Phillips, Cyril Chapman, G2HDR, and Robin Thompson, G3TKF, responded on behalf of the people of Great Britain.

The occasion was the 500th anniversary of the "Voyage of Discovery" to the New World by explorer John Cabot in 1497. VO500JC was located in Cabot Tower on St John's Signal Hill, which, in earlier times, served as a signaling post to announce approaching ships to the city's merchants. The VO500JC QTH also was just a few hundred feet from the site where Guglielmo Marconi received the first wireless transatlantic signal on December 12, 1901. The Queen referred to that accomplishment in her brief remarks over the air and added, "I am happy to know that Newfoundland and Labrador is still in the forefront of the

communications industry and is working closely with other leaders in this field across the Atlantic."

SONRA is planning to host a celebration to mark the 100th anniversary of Marconi's historic accomplishment in December 2001.

On the Canadian side, the equipment used was a Kenwood TS-850SAT, a Heathkit SB-200 amplifier running approximately 400 W and a simple wire dipole about 20 feet above the Powder Magazine, an outbuilding which served as the shack. The UK group, operating from Phillips' home, used a Kenwood TS-950SDX into a Linear Amp UK amplifier with 400 W output to a 3-element tribander at 60 feet.--Paul J. Piercey, VO1HE/SONRA - via *ARRL Letter Online* 7/4/97



Some of the members of the club went out to Site A of the VOA and had an enjoyable time for the July meeting. The people at the site always give a good tour. It's always interesting to see the large antenna field, antenna switching network and the large 500,000 watt transmitters.

Saw several of the club members at the Cary Hamfest on July 19. I noticed KQ2V and KF4FQB filling up bags with odds and ends from the vendor's tables. I

just came back with the latest version of QRZ on a CD ROM. It is really a nice way to search out lists of Amateur Radio operators by names, cities, Zips, etc. In searching for call signs in Pitt County, I entered the towns and found 358 and that included clubs, those who have not changed their address, Silent Keys and one that had two calls listed. Some Post Offices serve adjoining counties, so some might not be in Pitt County. Anyway, I came up with Greenville, 239; Winterville, 37; Farmville, 25; Ayden, 17; Grifton, 17; Grimesland, 13; Fountain, 6; Bethel, 2; Simpson, 1 and Stokes, 1.

I noticed that some had not updated their license to their new address. They probably won't have a problem, but if the FCC does need to get in contact with them and the mail is returned, they could lose their Amateur Radio license.

It would be a shock to them when they started to renew and found out they had to take the exams again and might have to pay the FCC \$30 (it goes to \$50 on September 15) to get their call back if it has been more than two years! With all the address changes going on in Pitt County now for the 911 system, there are a lot of address changes. I sent my FCC Form 610 in and had the new license in less than two weeks. It just cost one stamp. If you fall in this category, it would behoove you to take the time to send in a modification on a 610.

Email was received from Tony Clifford, EI9HK, Cork, Ireland with some nice comments about the BARC Internet site. He has linked the BARC site to his home page so he can check it often. With Ham Chatter on the Internet, Amateur Radio operators from around the world can keep up with the latest from the Brightleaf Amateur Radio Club and Greenville Amateur Radio activities. The latest BARC Field Day pictures were put on the Internet on July 3. Nice comments were also received from other Amateurs in North Carolina.

Thanks for the nice comments and the critics on the first two newsletters that I have put together. You will notice that there are minor changes in each and I hope I can do a better job with it as time goes on. If there is any thing you would like to see in Ham Chatter, please let me know and it will be checked out to see if it will fit. Also, if there are things you don't want to see in it, please let me know. That includes this column. If you don't want it, it will be dropped. It would be less writing for me. I can always get plenty of information from the ARRL and others to fill it up. Last month, there was so much local information, I had to cut all of the fill from the ARRL. Local articles should be more interesting to the club members. I want to thank all that have sent information to be used. Most of last months Ham Chatter was written by other BARC club members. - W4YDY

K2BSA WORKS *MIR* FROM NATIONAL JAMBOREE

The Boy Scouts' K2BSA -- on the air from the National Scout Jamboree at Fort A. P. Hill, Virginia -- had a successful 15-minute chat with US astronaut Michael Foale, KB5UAC, aboard the Russian *Mir* space station on August 1. "Everybody here could hear him perfectly," reports HQ staff member and Scout Leader Larry Wolfgang, WR1B. "He came over the horizon calling us."

The QSO began shortly before 5 AM Eastern Time. Wolfgang said it was still dark enough to get a visual sighting of the *Mir*.

Wolfgang said some 150 Scouts and leaders were on hand for the early-morning *Mir* QSO, and a few Scouts got to talk with Foale. MIREX chief Dave Larsen, N6CO, arranged the *Mir* contact. At the Jamboree, Chris Anderson, NK8W, was the operator. Jim Ingle, N4PBX, assisted him by programming the Doppler shift into the transceiver's memories.

The *Mir* contact was the

highlight of the "tons of radio activity" at the Jamboree, Wolfgang said. He reports that 238 Scouts began work on the Radio merit badge, and 89 have completed it by August 1.

"A new activity is the daily excursion of our 'Jambo Rover' -- our own version of the Mars Rover," Wolfgang said. "It's a remotely-controlled vehicle with an ATV station on board." Wolfgang said the ATV and packet link between the Radio Merit Badge Booth and the K2BSA station continues to be very popular.

K2BSA was in operation from the Jamboree 23 hours a day through August 5, 1997. QSL via K2BSA, Boy Scout National Headquarters, 1325 Walnut Hill Lane, Irving TX 75062. Include an SASE. For more details, visit <http://www.lightlink.com/bbm/k2bsa.html>. -- thanks to Larry Wolfgang, WR1B, Dan Miller, K3UFG, and Mel Goldberg, KO6TF - via ARRL Letter Online

KD4VBX, SK

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radio of helping people such as working with the Red Cross, emergencies and the weather net. Until recently, he had regular schedules from his utility room radio shack with Jack who had relocated to Pennsylvania.

Jim, until his illness, was active in BARC and will be remember as being an outspoken, but well meaning member. I personally remember he assisted Simon in the ham class in late 1995, because I was a student in that class and he easily shared his insights and experiences to assist the new comer. His wife Mildred remarked that he liked to teach. Jim will be missed by all of us.

He is also survived by his daughter, Karen Aldridge. - *Murray, KF4FQB*

No Pictures!

The printer for the newsletter does not have the machine to copy pictures for the Ham Chatter any more. I will check further to see if we can get copies of the Ham Chatter with pictures for future issues. It looks like it may cost more and we will just have to forget it for the time being. Anyone have any suggestions? - *W4YDY*

Amateur Radio Goes Hollywood

Universal Studios' movie version of Primary Colors could include some ham radio paraphernalia as "set dressing." The ARRL gave Universal permission to use a copy of QST in the electronics studio set of one of the characters in the movie, set for release in 1998. Primary Colors, based on the book of the same name, is the fictional account of a young governor's campaign to become President of the US. It will star John Travolta, Emma Thompson, Billy Bob Thornton, Kathy Bates, Adrian Lester and Maura Tierney. Mike Nichols will direct, and Elaine May wrote the film script. *ARRL Letter Online*

QST NAMES NEW FCC Consumer Assistance Line "YL NEWS" EDITOR

Diane Ortiz, K2DO, has been named as the new editor of *QST's* bimonthly "YL News" column.

Ms. Ortiz is an editorial manager and writer at *Newsday*, one of New York City and Long Island's largest daily newspapers. Her Amateur Radio writing credits include articles published in *CQ VHF*, *CQ Contest* and elsewhere. She is a member of the ARRL, YLRL, QCWA and FISTS.

Licensed in 1972 as WN2HML, Ms. Ortiz has embraced a broad range of interests from VHF contesting to public service activities. She is currently the ARRL Hudson Division Assistant Director in charge of publicity, an ARRL Public Information Officer, a Volunteer Examiner, and the secretary of the Long Island Mobile Amateur Radio Club. Ms. Ortiz is also involved in producing New York City's first live monthly cable TV show devoted to Amateur Radio.

The first "YL News" column under Diane Ortiz's byline is scheduled to appear in the October issue of *QST*. "I'm very excited at the opportunity to showcase the experiences, views and accomplishments of women Amateur Radio operators in *QST's* "YL News" column," Ms Ortiz stated. "It's a place where I hope everyone will want to look for news, ideas and information about women and ham radio." -- *Steve Ford, WB8IMY - via ARRL Letter Online 7/11/97*

Mars Pathfinder Frequency

If you're up for some real DXing, according to Phil Karn, KA9Q, the downlink frequency for the Mars Pathfinder it is 8.420 GHz. See his Mars Pathfinder X-band Downlink Link Budget page at http://people.qualcomm.com/karn/mpf_budget.html. - *via ARRL Letter Online*

The FCC's Consumer Assistance number in Gettysburg, 800-322-1117, is being discontinued. All calls now should go to the new, toll-free number, 888-CALL FCC (888-225-5322). For the time being, calls to 800-322-1117 will ring over to the new number after a little message that informs the caller of the

W1AW Seeks 20 Meter Bulletin Reports

A change has been made to the W1AW 20 meter bulletin antennas. W1AW requests signal reports from amateurs who listen to the 20 meter transmissions. Please note QTH, time of reception, mode, signal strength and quality. Use of the standard RST system is preferred. Mail reports on a postcard to W1AW, 225 Main St, Newington, CT, 06111; e-mail w1aw@arrl.org. A W1AW Operating Schedule is available. *via ARRL Letter Online*

FCC reminder

The FCC is warning companies that offer to modify scanning receivers (this includes many H-Ts with extended receive coverage) in order to receive cellular telephone frequencies that this activity prohibited by federal law and FCC rules. The FCC's reminder, issued July 10, noted that scanning receivers must be FCC-certified and incapable of "readily being altered by the user" to pick up the cellular bands. "The modification of scanners on a substantial scale to receive cellular frequencies will be considered to constitute manufacture of such equipment" in violation of federal law and FCC rules, the Public Notice said. "Entities engaged in such activity are cautioned to cease advertising and/or performing any such activity immediately." - *FCC - via ARRL Letter Online- 7/11/97*

FCC OPENS VANITY GATE 3

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opportunity to file under the old schedule. The FCC's response, buried within the Report and Order adopting the higher fees, suggests the FCC could also be planning to open Gate 4 fairly soon. "We expect our remaining vanity call sign 'gates' to open before the effective date of our FY 1997 regulatory fee payment requirement," the FCC said in turning down the request for a delay. But, the FCC added that applicants "are expected to pay the fee applicable at the time they file." The bottom line is that hams applying for a vanity call sign on or after September 15 must pay the \$50 fee.

Payment of fees may be made by check (payable to FCC), bank draft, money order or credit card. If paying by credit card, you must also complete and submit FCC Form 159 with your FCC Form 610V. Do not send cash. Send your application package to: Federal Communications Commission, Amateur Vanity Call Sign Request, Box 358924, Pittsburgh, PA 15251-5924.

If you file a paper application, remember that legibility is critical! If your application is not able to be deciphered easily by FCC personnel, you could experience a delay in processing, lose the opportunity to obtain a requested call sign or even obtain a call sign different from what you want. Be sure to include your current Amateur Radio call sign on your vanity application.

Under Gate 3, you must hold an

unexpired Advanced class operator/primary station license to request a vanity call sign for your primary station. To request a vanity call sign for a club station under Gate 3, you must also hold an unexpired club station license grant listing you as the license trustee. Applicants should refer to the licensee database to verify that a requested call sign is not already assigned. A call sign is normally assignable two years following license expiration, surrender, revocation, set aside, cancellation, void ab initio, or death of the grantee.

Using Form 610V or its on-line electronic equivalent, applicants may request up to 25 call signs in the order of preference. The first assignable call sign on the list will be the one the FCC assigns. Remember: When requesting a call sign under Gate 3 for your primary or club station, the call sign must have been unassigned for at least two years. As an Advanced class operator, you may request a call sign only from groups B, C or D.

Any call sign requested must be one designated for the region of your mailing address, as follows:

One of the contiguous 48 states:

Regions 1 to 10.

Alaska: Regions 1 to 11.

American Samoa: Regions 1 to 10, or Region 13 having numeral 8.

Commonwealth of Northern Mariana Islands: Regions 1 to 10, or Region 13 having numeral 0.

Guam: Regions 1 to 10, or Region 13 having numeral 2.

Hawaii: Regions 1 to 10, or Region 13 having numeral 6 or 7.

Puerto Rico: Regions 1 to 10, or Region 12 having numeral 3 or 4.

Virgin Islands: Regions 1 to 10, or Region 12 having numeral 2.

For explanations of Groups B, C and D and the geographic regions, see Fact Sheet PR5000 Number 206S, Amateur Station Sequential Call Sign System (or see The ARRL Letter Electronic Update, August 16, 1996, available on the ARRLWeb at <http://www.arrl.org/>). For more information on the vanity call sign program, see Fact Sheet PR5000 Number 206V Amateur Station Vanity Call Sign System.

If you file before the opening date or do not qualify under the Gate 3 eligibility standards, your application will be dismissed. General, Technician Plus, Technician, and Novice class operators will become eligible to request vanity call signs under Gate 4. The FCC has not indicated when it plans to open Gate 4.

For further information, contact the Consumer Assistance Branch at 800-322-1117 or call the FCC's National Call Center, 888-225-5322 (CALL FCC). - *ARRL Letter Online - 7/4/97*

ELECTRONIC VANITY APPLICATIONS TO GET PRIORITY

When vanity call sign Gate 3 opens on August 6, 1997, the FCC will process electronic applications ahead of paper applications each day. Previously, the FCC did not distinguish in how it handled electronic and paper Form 610V applications. In recent months, the FCC has been receiving more electronic applications than paper applications. The FCC says it will process electronic applications, then paper applications received on any given day.

The FCC also has established a firm deadline for receipt of application fees to accompany electronic applications. After Gate 3 opens, fees for electronic applications must be received by the FCC's fiscal agent, Mellon Bank, within 10 days of the date of application or the application will be dismissed. The fee will remain at \$30 for the ten-year term until September 15, 1997, when it will increase to \$50 for the ten-year term.

Applicants can find the electronic Form 610V on the FCC's Web

site at <http://www.fcc.gov/wtb/amradsrv.html>. Electronic applications require a Form 159 for any method of payment. Mail payments accompanying electronic applications to Federal Communications Commission, Box 358994, Pittsburgh, PA 15251-5994.

Paper applications require an FCC Form 159 if payment is by credit card or if the application package contains multiple applications being paid for with one check. Individual

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BARC Monthly Minutes

BARC MONTHLY MEETING JULY 8, 1997 1930HR. VOA TOUR

1. Call to Order by Paul Fletcher, KS4YF, President.
2. Introductions / Rollcall / Welcome Visitors.
3. A motion was made to suspend the regular business meeting due to the tour, by Lily Fainter, KE4UGD, second by Bob Fainter, KE4UGC, and approved by the group present.
4. The Tour consisted of the building, antennae grounds, and a video. Thanks to Rick LaMonica, W4ZRA and the Staff of VOA for their valuable time and knowledge.

Juanita Humbles, KE4JWK.

HURRICANE FREQUENCIES

03407.0 USB NHC air-gnd "ALPHA"
 04724.0 USB Hurricane hunter acft - GHFS
 05211.0 USB SHARES - FEMA National Emergency Coordination Net (night pri)
 05562.0 USB NHC air-gnd "BRAVO"
 05610.0 USB NHC air-gnd "CHARLIE"
 06673.0 USB NHC air-gnd "DELTA"
 06739.0 USB Hurricane hunter acft - GHFS guarded by MacDill & Ascension
 07507.0 USB USN/USCG hurricane net (pri)
 07508.5 USB FAA Caribbean hurricane net
 08876.0 USB NHC air-gnd "ECHO"
 08968.0 USB Hurricane hunter acft - GHFS
 08992.0 USB Hurricane hunter acft - GHFS guarded by MacDill & Ascension
 09380.0 USB USN/USCG hurricane net (sec)
 10015.0 USB NHC air-gnd "FOXTROT"
 10493.0 USB SHARES - FEMA National Emergency Coordination Net (day pri)
 11175.0 USB Hurricane hunter acft - GHFS guarded by MacDill & Ascension
 13089.0 USB USCG wx NMN Portsmouth (1130 1600 1730 2200 2330)
 13200.0 USB Hurricane hunter acft - GHFS
 13267.0 USB NHC air-gnd "GOLF"
 15016.0 USB Hurricane hunter acft - GHFS guarded by MacDill & Ascension
 17901.0 USB NHC air-gnd "HOTEL"
 17976.0 USB Hurricane hunter acft - GHFS
 21937.0 USB NHC air-gnd "INDIA"
 NHC = National Hurricane Center

AMATEUR HF EMERGENCY HURRICANE NETS

03815.0 LSB Inter-island (continuous watch)
 03845.0 LSB Gulf Coast West Hurricane
 03862.5 LSB Mississippi Traffic
 03873.0 LSB Central Gulf Coast Hurricane
 03907.0 LSB Carolina Coast Emergency
 03910.0 LSB Mississippi ARES
 03910.0 LSB Virginia Emergency, Alpha
 03915.0 LSB Louisiana Emergency
 03915.0 LSB Massachusetts/Rhode Island Emergency
 03917.0 LSB Eastern Pennsylvania Emergency
 03923.0 LSB Mississippi ARES
 03923.0 LSB North Carolina Emergency (Tar Heel)
 03925.0 LSB Central Gulf Coast Hurricane
 03925.0 LSB New York State Emergency
 03925.0 LSB Louisiana Emergency (altn)
 03925.0 LSB Southwest Traffic (altn)
 03935.0 LSB Central Gulf Coast Hurricane
 03940.0 LSB Southern Florida Emergency
 03947.0 LSB Virginia Emergency, Bravo
 03950.0 LSB Northern Florida Emergency
 03960.0 LSB North East Coast Hurricane
 03965.0 LSB Alabama Emergency (altn)
 03967.0 LSB Gulf Coast (outgoing traffic)
 03975.0 LSB Georgia ARES
 03975.0 LSB Texas RACES
 03993.5 LSB Gulf Coast Health & Welfare
 03993.5 LSB South Carolina Emergency
 07165.0 LSB Inter-island 40-meter (cont. watch)
 07225.0 LSB Central Gulf Coast Hurricane
 07230.0 LSB Southwest Traffic
 07232.0 LSB South Carolina Emergency
 07232.0 LSB Tar Heel Emergency (altn)
 07235.0 LSB Louisiana Emergency
 07240.0 LSB Texas Emergency
 07243.0 LSB Alabama Emergency
 07243.0 LSB South Carolina Emergency
 07245.0 LSB Southern Louisiana
 07247.0 LSB Southern Florida Emergency (altn)
 07247.5 LSB Northern Florida Emergency (altn)
 07248.0 LSB Texas RACES
 07250.0 LSB Texas Emergency
 07254.0 LSB Northern Florida Emergency
 07260.0 LSB Gulf Coast West Hurricane
 07264.0 LSB Gulf Coast Health & Welfare
 07268.0 LSB Waterway
 07273.0 LSB Texas Traffic
 07275.0 LSB Georgia ARES
 07280.0 LSB NTS Region 5
 07280.0 LSB Louisiana Emergency (altn)
 07283.0 LSB Gulf Coast (outgoing only)
 07290.0 LSB Central Gulf Coast Hurricane
 14185.0 USB Caribbean Emergency
 14200.0 USB (Please advise)
 14222.0 USB Health & welfare
 14245.0 USB Health & welfare
 14268.0 USB UN Radio Readiness Network
 14275.0 USB Bermuda
 14275.0 USB International Amateur Radio Net
 14283.0 USB Caribus Health & Welfare
 14300.0 USB Intercontinental Traffic and Maritime Mobile Service
 14303.0 USB Atl. Region Traffic (Health & welfare)
 14316.0 USB Health & Welfare
 14325.0 USB Hurricane Watch (Amateur-to-Natl Hurricane Center)
 14340.0 USB Louisiana (1900)
 21390.0 USB Inter-Americas Health & Welfare

Mir Back on the Air

As US astronaut Mike Foale, KB5UAC, bides his time aboard the troubled *Mir* space station, he has been active on 2-meter packet and FM voice. Harry Mueller, KC5TRB, in Tulsa, Oklahoma, reports working Foale July 21 on 145.985 MHz FM voice. KC5TRB responded to KB5UAC's CQ. Mueller reports that Foale said he was disappointed that this crew would not get to make the needed *Mir* repairs, but that he was in "good spirits." Mueller said that Foale "sends his best wishes and a big thank you to the Amateur Radio community" for its support during the *Mir* crises. From Melbourne, Australia,

Chris Edmondson, VK3CE, reports connecting with the R0MIR packet system July 22 on 145.985 MHz and "good copy for the entire high pass of almost 14 minutes." Foale told MIREX CEO Dave Larsen, N6CO, on July 21 that he was having frequent power problems with the TNC and losing messages. "Sorry. No supply store is near at hand," Foale quipped, adding that he was getting ready for the next *Mir* crew to arrive on August 7. (Note: *Mir* also uses 145.800/200 MHz--Ed.) --thanks to *Rosalie White, WA1STO - via ARRL Letter Online - 7/25/97*

June Vanity Callsign Update

The FCC in Gettysburg reports it processed vanity call sign applications received during June. The FCC received 418 electronic applications and 232 paper applications during June. It granted 210

new call signs. Several hundred applications remained in the work in process (WIPS) stack, which FCC personnel have continued to process. *Via*

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

For Sale:

Outbacker Perth Mobile Antenna. Like new. \$200.00. Call Sandy Vernick, KM4ZA at 919-756-2162 (evenings). 3

For Sale:

HEATHKIT Linear Amplifier, Model SB220. \$350.00. Call Frank Tate, W4OCT at 756-3296. 3

For Sale:

Single package.

1. US Tower TMM541SS 41ft. crankup, steel with top section with BNG with coax arm and inverted Vee bracket.
 2. Mosley PRO77A 7 band 7 element.
 3. Kenwood TS450SAT. SP23 external speaker, MC60A desk mike.
 4. Ham IV rotator.
 5. Kantronics RS-232. RS-232 interface with Hostmaster 2.
 6. Astron RS35, 35 amp PS without meters. \$3000 for all.
- Contact Lee Hemink, N4YAC, 756-6637 2



Brightleaf Amateur Radio Club Monthly Financial Statement

June 1997

Balance: Beginning: 5/21/97 - \$1812.93

Credits: 10/10, Shirts, Dues- 104.50
\$1918.40

Debits: May HC 58.26
June HC 63.26
Amateur Radio News Service 15.00
Field Day expenses 262.46

Balance 7/10/97 \$ 1519.42

Field Day Expenses: Pig: 79.54
Other Food: 42.92
Antenna Poles: 140.00
Gas for Cooker: 15.00
277.46

Field Day Budget: \$ 150.00
Donation to Budget \$ 200.00
\$ 350.00

Field Day Surplus \$ 72.54

B. Simon, KQ2V
BARC Treasurer

Insurance, Reciprocal Info on ARRL Web

Brochures and applications for the ARRL equipment and club liability insurance plans now is available on the ARRL Web page under the Regulatory heading. New reciprocal licensing information for Antarctica, Bosnia, Bulgaria, Cameroon, Ethiopia, Greenland, Indonesia, Norway, and St Kitts has been added to the RIB Web site,
<http://www.arrl.org/field/regulations/>.

via ARRL Letter Online

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.

Vanity Applications

(Continued from page 5)

applications do not require a Form 159 if payment is by personal check or money order. Send paper applications containing payments to FCC, Box 358924, Pittsburgh, PA 15251-5924.

To avoid processing delays, applicants should make sure the information on their license is up to date. If you have changed your name or address, you must file Form 610 with the FCC to request modification of your license to show the correct information. In the case of a club station, you must file Form 610B.

Gate 3 opens the vanity call sign program to Advanced class amateurs. The FCC has not said when it will open Gate 4, for General, Technician Plus, Technician and Novice class operators. For more information, call the FCC's toll-free Consumer Information line at 888-225-5322 (CALL FCC). - ARRL Letter

BARC

CALENDAR OF EVENTS

August 12	Regular Meeting	October 14.	Regular Meeting
August 15	VE License Session	October 17.	VE License Session
August 28*	Board Meets	October 30*	Board Meets
August 31	Ham Chatter Deadline	November 2	Ham Chatter Deadline
August 30-31.	Shelby Hamfest	November 11.	Regular Meeting
September 9	Regular Meeting	November 16.	Benson Hamfest
September 20-21.	Virginia Beach Hamfest	November ?*	Board Meets
October 5	Ham Chater Deadline	November 30.	Ham Chatter Deadline
October 2*	Board Meets	December 9*	Christmas Meeting & Party
October 12.	Maysville Hamfest		

*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

August 1997

To:



PO Box 8387
 Greenville, NC 27835

Ham Chatter