



Ham Chatter



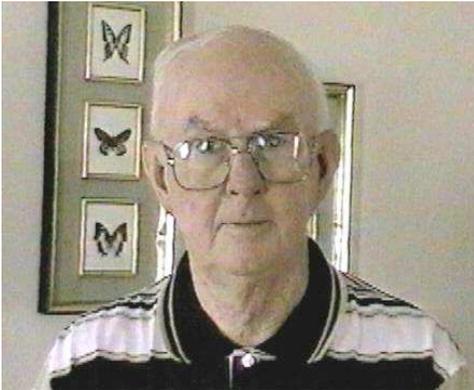
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July 1999

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Meet The Member Heber Adams, W4GDF



Captured Video Photo by W4YDY

Heber and friends formed a radio club in 1938 while attending Greenville High School. They made cigar box code oscillators using type 30 tubes. The Morse code was practiced each afternoon until they reached a speed of about 15 words per minute. Four of them went to Norfolk, VA to take the test at the FCC office - two passed the code and the written exam. Heber was awarded the call W4GDF and Bruce Mayo got W4GDZ.

Heber's first transmitter was a Utah Jr. kit while his receiver was a homebrew two tube regenerative. This combination worked fairly well on 80 and 40 meters CW. His antenna was a centered dipole made from twisted pair lamp cord. It worked fairly well until it rained. This set up was used until December 7, 1941 - when the Japanese attacked Pearl Harbor starting WWII

(Continued on page 7)

July Meeting In Kinston

The Brightleaf Amateur Radio Club will have its monthly meeting on July 13 at 6:30 PM in association with the Kinston Amateur Radio Club at the Kinston Library on Queen Street.

Take NC 11 to Kinston, turn right on Vernon Ave. Go about 4 blocks, turn left on Queen St. About 2 blocks on the right is the Library. Parking lot is next to it.

The program will include HDTV (Bernie Nobles, WA4MOK, and Kip Campbell, K1PEB) and a DXpedition to St. Peter island from Ron Knapp, W9EF, of Kinston.

The next board meeting is set for July 27 at 7:00 PM. The meeting is open to all members.

Amateur Radio Week Proclaimed

In North Carolina, Gov. James Hunt Jr. has proclaimed June 20-26 as Amateur Radio Week, noting that hams "are on alert for any emergency, local or worldwide, and practice their communication skills during the Field Day exercise of the American Radio Relay League." - Via ARRL Letter Online 6/25/99

No Question Pool Changes--Yet

The Amateur Radio examination question pools remain in a holding pattern pending an announcement from the FCC on license restructuring. No question pools or questions will change anytime soon for any license class.

Last September, the National Conference of Volunteer Examiner Coordinators' Question Pool Committee announced that all question pool updates were being put on hold until after the FCC had acted on Amateur Radio restructuring (officially known as the Part 97 Biennial Review). Until the September NCVEC QPC announcement, the Advanced class question pool had been scheduled to expire at midnight on June 30, 1999.

Current examination questions and study materials remain valid until further notice. The NCVEC recently announced that it was postponing its annual meeting and won't set a new meeting date until the FCC drops the other shoe on Amateur Radio restructuring. NCVEC members were to meet July 9 in Gettysburg, Pennsylvania. The FCC's action is expected to have a substantial impact on the content of amateur examinations. - Via ARRL Letter Online 6/25/99

Absentee Ballot Amendment Vote Passes

The final vote for a change in the BARC Constitution for absentee ballots in election of BARC officers was approved at the June meeting. For more details, see the Minutes on page 8.

President's Corner - Murray,

I guess the big news is that Field Day was a success. We made a lot of contacts (the figures are not compiled yet), we learned some things, we had fun and no one got hurt. There were glitches here and there but the mission was accomplished. Tom Parsons, W4TEP, and his crew did a fine job. There were very few times, day or night, when both rigs did not have an operator. We got some new hams on the Novice/Tech station (and maybe caught the HF bug). John McCoy, K4KBB, got to put up his folded dipole; Bernie's, WA4MOK, homebrew mast base for the vertical worked great; putting the rotator at the bottom of the mast of the tribander was a success too; the canopy passed muster and Wayne's, WD4JPQ, giant tarp kept us from the burning sun.

Speaking of sun, even the weather was a little kinder to us this year - still hot, but not as bad as last year. Dinner was a pleasant break to talk and have family members attend. Wayne, KG4CCZ, and Kim, KG4CCY, did a nice job with the food and the pot luck food was scrumptious. Thanks to all who pitched in for assembly, operating, and disassembly - it takes a lot of people to

run a field day whether it's holding a guy wire while an antenna is going up, or operating a high tech rig. Our success belongs to all of us doing a part and it all worked out.

The lost is found (or replaced, which is about as good). Tom, W4TEP, was excited to learn that the lost Procter and Gamble \$500 check has been replaced. Now we need to get serious about a fund raiser.

In June we also had a VE session with two upgrades and a new ham

...instructors' meeting for July 20 at 7 p.m.

who wants to join BARC. Congrats to Bob, KE4UGC, Lily, KE4UGD, and Elka Maxwell respectively.

I've set the date for the instructors' meeting for July 20 at 7 p.m. A couple of people have already let me know of their interest in being an instructor - please let me of your interest. All previous instructors are encouraged to

"re up" and new instructors can fill some slots.

There should be more specific information of the July meeting in another article, but I encourage you to join us in Kinston for a look into the fast approaching future of high definition TV. Car pooling is suggested.

At the last meeting we voted to amend our constitution to permit absentee ballots. I hope those who are not able to come the meeting the night of the election will utilize this mode of voting. Further checking has found more ARRL members among us so it looks like we will be able to fulfill the 51% requirement to remain an affiliated club. While we had a full agenda, I think the meeting moved along nicely. Thanks for your cooperation.

Have a great month.

Ham radio, pass it on.

73,

Murray, K4MFM



Happy Birthday

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

6	KD4KLM	Johnnie Waters
7	KC4PHJ	Alex Macklin
13	K4SKI	Charlie Wells, Jr.
24	WA4MOK	Bernie Nobles
29	W4YDY	David W. Langley

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

FCC Sets New Vanity Fee

The fee to apply for an Amateur Radio vanity call sign will increase from \$13 to \$14 starting September 10, 1999.

The FCC has released its FY 1999 fee schedule which rounded down the proposed \$1.42 per year fee.

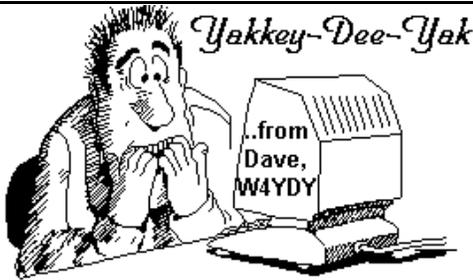
The FCC continues to receive in excess of 1000 vanity applications per month. During May, the FCC got 1165 vanity applications, all but 141 of them filed electronically. - *Via ARRL Letter Online 6/25/99*

Correction!

Due to an oversight, **Harold Baily, KD4NRB**, should have been listed last month as one of the hams that provided help with the May picnic in Farmville. Thanks Harold.

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The BARC Field Day seemed to go very well. Thanks to all that worked so hard to make it successful, especially the newer members of Amateur Radio and the Brightleaf ARC. There were at least 34 BARC members in attendance over the weekend of the Field Day activities. Also there were several visiting operators out at the site to assist and operate the radios. Several visitors stopped by when they saw the BARC sign in the field behind Carolina East Mall. WNCT-TV made some videos of the operators working CW and phone during the contest. Tom Parsons, W4TEP, answered questions on camera.

I was browsing the Internet using some search features using my callsign and came across the Jet Propulsion Laboratory Amateur Radio Club web site.

They have their newsletters going back several years and the September 1998 issue came up. They had reprinted the hurricane frequencies from the July 1998 issue of Ham Chatter via the September 1998 issue of the Amateur Radio News Service Bulletin. When the ARNS had reprinted the information from Ham Chatter, it got national attention. Wonder how many more reprints we had? Anyway, the BARC got some more notice!

The results of the 1999 NC QSO Party were published on the Internet. It was on the same weekend of the 160 meter contest and I made a few contacts in that. On Saturday afternoon, I heard some operating the QSO Party so I fired up on that. A few days later I filled out the form and sent my activity report to

the contest chairman. When the results came in, I had placed ninth in the Fixed/HF/Single/Instate category! I guess I should tell there were nine operators in the category. Anyway, I had a good time and was able to give out Pitt County. There was almost a pileup when they found a new county on the air. I didn't make a lot of contacts, but I had fun with the contest and made a few new friends. See page 7 of this Ham Chatter for the final results.

Contests are a good way to get those states and countries for WAS and DXCC. I just get in for a few hours on some of them and make anywhere from about 50 to 400 contacts. I'm not one that expects to win and usually my listing in QST or CQ magazines are near the bottom. Somebody has to be there! (My score is just holding up everyone else's score!)

The main thing is to have fun with Amateur Radio. I'm sure that is why most get into the hobby. There are so many activities in Amateur Radio. I can't think of any other hobby that has so many different directions one can take.

...have fun with Amateur Radio.

Operating DX, CW, phone, digital, TV, FM and collecting

certificates, rag chewing, building equipment, contesting and experimenting with antennas are just a tip of the iceberg. Making friends and public service are the most important. I have moved to several areas and I have always enjoyed making new Amateur Radio friends soon after I have arrived. Several times, they have been of much assistance in getting settled and learning about the new area. The best thing about the Amateur Radio are the great people that you meet and become friends with. Amateur Radio breaks down all walls. To take a quote from K4MHM, "Ham radio, pass it on."-YDY

1999 NC QSO Party Results

CALL	NAME	FINAL SCORE
FIXED/HF/CLUB/IN		
WB4TOP	WB4TOP ARC	4446
FIXED/HF/SINGLE/IN		
CALL	NAME	FINAL SCORE
W4YDY	David W. Langley	108
W4EAT	Carl E. Starnes	143
KS4S	Nyles McKeithan	336
NX9T	Jeff Keller	400
KL0BG	David Perham	1695
N2XL	Todd Ellis	2201
K4PB	Alan Harp	6290
WA3TMR	Steve Lympany	22139
AA4S	Ron Bailey	39200
FIXED/HF/SINGLE/OUT		
N8WTH	David Humphreys	4
W7DRA/4	Mike Dormann	8
VA3IX	Ken Ellis	8
VE5BES	Harold Slack	25
K9DIY	Millard H. Qualls	30
WB2LOS	Michael Fitzpatrick	133
K4UK	Stan Reas	184
K0CIE	Karl Kaukis	448
WA5PTI	Bill Rowan	527
K8KFJ	Garie C. Halstead	4819
W3TWI	Hal Walchli	15752
WA3HAE	Keith Pederson	19796
FIXED/HF/SINGLE/QRP/IN		
KO4PY	Brent Smith	37368
FIXED/HF/SINGLE/QRP/OUT		
N2CQ/QRP	Ken Newman	33
K8UCL	Corb Durham	190
KE4LIA/QRP	Herald M. Cundiff	196
NA3V/QRP	Jim Gooch	3565
FIXED/MIXED/CLUB/IN		
W4WS	Winston-Salem Contest	C49242
FIXED/MIXED/SINGLE/IN		
K4YYR	Carol Mellard	7442
MOBILE/HF/SINGLE/IN		
W4ZPR/M	Jackson J Bennett	3260
NY4N/M	Jeff Clark	7636
MOBILE/MIXED/SINGLE/IN		
KD4MYE/M	Roger Allen	12980

via Internet - <http://www.netpath.net/~n4mio/qsoparty.htm>

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BARC June VE Session

KE4UGD is now KV4AW

The BARC June VE Session had six people to show up for Amateur Radio exams. Three were successful with one new license and two upgrades. Elke Maxwell from Ayden, NC, passed the Novice and Technician written exams to earn her Technician Class license and on June 29, she was assigned the call sign KG4DVX. Lily Fainter, KE4UGD, BARC secretary, passed the written exams to upgrade to Advanced Class license and her new call sign is KV4AW. Bob Fainter, KE4UGC, BARC Treasurer, received his General Class license. Congratulations to all from the Brightleaf Amateur Radio Club.

Brother Simon Jaworski, KQ2V, was the VE Liaison. Other Volunteer Examiners in attendance to assist were Joe Aleksa, KQ4BN, Murray Merner, K4MHM, Bob Connelly, KB4FWL, Gerry Clayton, K4IDD, and Dave Langley, W4YDY.

W1AW Code Practice on the Web

Now you can access W1AW Morse code practice via ARRLWeb using RealAudio files. Visit <http://www.arrl.org/w1aw/morse.html>. A single click on a file name starts the practice. You'll need RealAudio (available free at <http://www.real.com>) to listen to these files. The practice files include the same text used for W1AW's regular code practice transmissions. The files are updated after W1AW broadcasts them. The Standard method is used for code speeds above 18 WPM. For code speeds below 18 WPM, Farnsworth method is used. The Web Morse practice follows the same format used by W1AW code practice transmissions. The practice text comes from QST. --Joe Garcia, NJ1Q - Via ARRL Letter Online 6/4/99



FCC Says Hams Next in Line For ULS

The FCC says the Amateur Service is the next in line to be converted to the Universal Licensing System. Amateur Radio is scheduled for ULS "deployment" in August. Most of the remaining wireless services will be converted from their old licensing systems to ULS in phases during the remainder of 1999.

The FCC has adopted a Report and Order to enable public access to application and licensing information in the ULS via the Internet. The FCC says its decision will "significantly enhance the ability of the public to access public record information regarding wireless licensees, at a reduced cost."

The Universal Licensing System will replace the venerable Form 610 series with a new, inclusive electronic document known as Form 605. It also will incorporate the vanity call sign program. The ULS will permit amateurs to file applications, modifications or renewals via the Internet. Individual hams will not be required to file electronically, however. So far, nearly 6000 amateurs have registered with the ULS. - Via ARRL Letter Online 6/18/99

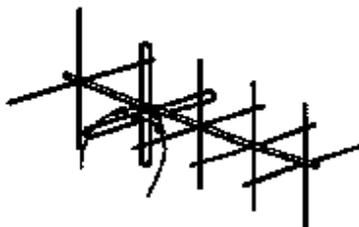
MFJ Purchases HY-GAIN

MFJ Enterprises has acquired Hy-Gain, a well-known manufacturer of antennas, towers, and rotators. Hy-Gain was owned by Telex Communications of Lincoln, Nebraska. The deal closed May 10, according to MFJ President Martin Jue, K5FLU, who declined to reveal the purchase price. MFJ planned to move the antenna manufacturing facility to Mississippi and staff it with local employees. Jue said he anticipated production at the new site could begin within a few weeks.

"We bought everything--the whole deal," Jue said. "We're going to have to shift some things around to make room."

As it has done with other enterprises it's acquired, MFJ plans to keep the Hy-Gain name and operate the

antenna manufacturer as a separate entity. Hy-Gain products will compete with MFJ's own line of antenna products, but Jue said the short-lived Ameritron antenna line would be discontinued in favor of the Hy-Gain line.



Former Cushcraft Production Manager Art Hambleton, K1ART, joined MFJ Enterprises last fall. Jue said Hambleton will be involved in the new

Hy-Gain venture, but he was not sure in what capacity. Hambleton manned the Hy-Gain booth at the Dayton Hamvention last month.

Jue said Hy-Gain would immediately start selling the entire product line through the Amateur Radio dealer network. For the past year, Hy-Gain had sold its products factory-direct. MFJ said it expects there to be a "small transition period" as stock, parts, equipment, and production are moved to Starkville. As part of MFJ, Hy-Gain will continue its current product line and introduce several new ones--including two new verticals announced at Dayton.

Jue said customers can contact Hy-Gain at 800-647-1800; fax 601-323-6511; <http://www.mfjenterprises.com>. - Via ARRL Letter Online 6/25/99

Multiple Call Sign Holders Could Face Fines

Free FCC Call Sign Alert Service

Chris Davis, KB0WWP, offers a new free service via his Web site that will automatically alert users that a pending FCC Amateur Radio transaction has occurred. It's at <http://davisfamily.nu/hamcalls/mailinst.htm>. Instructions are on the page. Say you just passed your Amateur Radio examination or put in for a vanity call sign and are waiting for that brand new call sign to pop out of the hopper at the FCC. Register and you'll be alerted by e-mail when it happens. Users also can register via e-mail to be notified, so Web access is not a necessity. To register, provide the following six lines of information in the body of a message to hamcalls@davisfamily.nu: e-mail address; last name; first name; city; two-letter USPS state abbreviation, five-digit ZIP code. Davis says e-mails will be kept private, are not used for any mailings, and will be deleted after the transaction occurs or after 60 days. --Chris Davis, KB0WWP - Via ARRL Letter Online 6/4/99

The FCC's Riley Hollingsworth, K4ZDH, says the Commission may have to resort to fines to curb the practice of hoarding multiple club station call signs. "The reason we're concerned about this is that we consider it an abuse of our licensing processes," said Hollingsworth, a legal adviser for enforcement in the FCC's Compliance and Information Bureau. "If somebody applies for 30 or 40 licenses over time, it really overloads the staff." Hollingsworth pointed out that the call signs often must be typed in manually.

"If we have continued abuse, we're going to have to levy some forfeitures, which we have

done in the past for abuse of Commission processes," he said. "With short staff and budget considerations, we just can't let things like this go on."

Earlier this month, a ham listed as the trustee for more than three dozen club station call signs agreed to give up all but one of them. Motoaki Uotome, JA1GZV, who also holds a US Extra ticket as W9BO, apparently was the trustee of 41 club station call signs. Last month, the FCC set aside 14 recently granted club station call signs and 12 recently granted club vanity call signs he held and asked Uotome to justify the grants.

The US is not the only country in which Uotome has collected a call sign. An Internet search indicates that he also holds one or more Amateur Radio call signs in Australia, Chile, and Uruguay.

Hollingsworth concedes that the FCC rules do not specify an upper limit to the number of call signs an individual may hold, but says "the underpinning of the rules is common sense." He recommended that multiple call sign holders should seriously consider turning in their excess grants before they hear

from the FCC, "because we will be pursuing them."

In addition to the Uotome case, the FCC on June 4 wrote Steve Massey, N6TT, of Manhattan Beach, California, to inquire about the one dozen club station call signs it had granted to him. The FCC immediately set aside several call signs and requested that Massey provide justification for having them. In a similar letter on June 7, the FCC also set aside four recently issued club station call signs granted to Steven K. Nace, K N 5 H, of Chandler, Arizona.

News of the cases already has had an impact. "We're had several others come in on a

voluntary basis and turn their excess number in," Hollingsworth said.

The FCC says the two-year rule applies for those seeking to obtain one of the desirable call signs being yielded or called back by the FCC, and Hollingsworth plans to specify a date of cancellation on each letter to a holder so that it will be clear when the two years are up.

"We're also going let them know they can't reclaim any of these call signs under former call sign holder exceptions to the two-year period," he said. Close relatives also would be unable to claim any of the call signs in the future.

Via ARRL Letter Online 6/18/99

...W9BO, apparently was the trustee of 41 club station call signs.



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Next SAREX Mission to Test DSP Hardware

The next Space Amateur Radio EXperiment mission--set to launch in July--will field test a digital signal processing box NASA is looking at to improve the quality of shuttle communications audio.

Word from NASA is that the next SAREX mission has been scheduled to launch on July 20 at 0436 UTC aboard shuttle Columbia mission STS-93. Originally set for last summer, the mission already has been delayed several times.

The STS-93 Mission Commander is Eileen Collins, KD5EDS. This shuttle mission, which will deploy the \$1.5 billion Chandra X-ray observatory into orbit, marks the first for a female commander. "It's good to have a challenge like that because it just motivates you and makes you want to work harder," Collins told the Associated Press this week. Other hams on board

include Mission Specialists Michel Tognini, KD5EJZ, and Catherine Coleman, KC5ZTH.

Students at five schools--in Texas, Rhode Island, Virginia, and Florida--are on the list to talk to the STS-93 crew via Amateur Radio. And that's where the DSP experiment comes into play. NASA's SAREX Principal Investigator Matt Bordelon, KC5BTL,

Mission Commander is Eileen Collins, KD5EDS. ...marks the first for a female commander.

says the agency's contractors have been exploring ways to make improvements to the aging shuttle fleet. Among the possibilities was improving the intelligibility of shuttle communications audio by using DSP.

But Bordelon says making and testing these kinds of changes on the astronauts' communication system gets expensive and involved, so it was decided to first try out a DSP box by Quintronix on the less-critical SAREX payload aboard STS-93 to see how it performed under actual spaceflight conditions.

"They wanted an easy way to determine if this would clean up the audio," Bordelon explained. The SAREX Amateur Radio gear uses standard interfaces, so it was an easy match from a hardware standpoint. Bordelon says he thinks SAREX will provide a good test of the DSP hardware/software package.

"It's a box with a headset connection on one end and the connectors to the equipment on the other," he explained. "It's got a couple of switches on it, and it's battery-powered," so it doesn't need to take power from the shuttle itself.

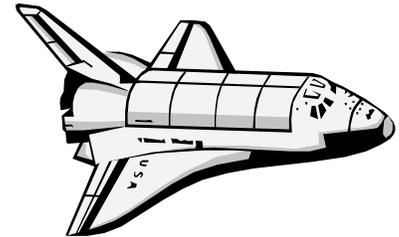
Bordelon says the two-channel DSP box tailors both the transmit and receive audio, but it is not adjustable. The only thing the operator can do is turn the box on or off and either enable or disable it.

"For anything in spaceflight, you want to keep it as simple as

possible," he said.

The Quintronix DSP box will interface with one of the old reliable Motorola MX-360 H-Ts that NASA has been using for SAREX flights for nearly two decades now--the same type of transceiver that astronaut Owen Garriott, W5LFL, used to make the first Amateur Radio contacts from space in 1983.

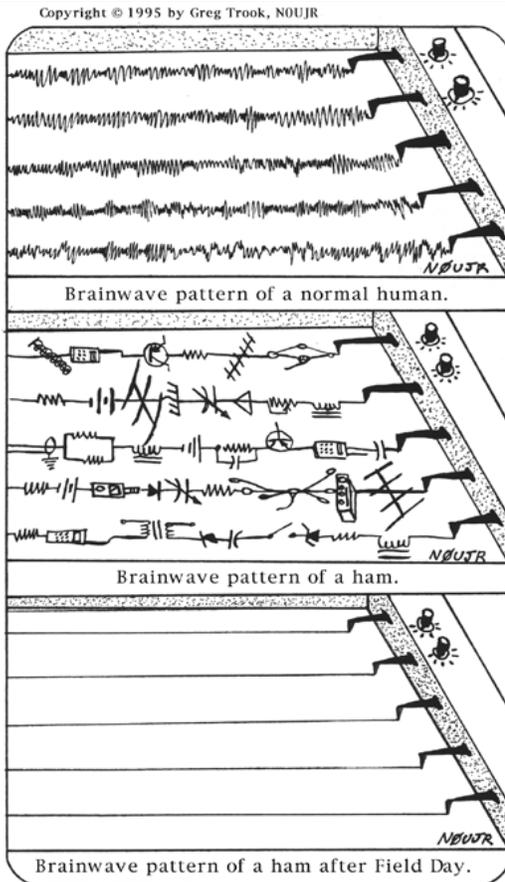
NASA has dubbed this particular SAREX hardware configuration as "Configuration CQ." Bordelon explains that SAREX is comprised of several different configurations of hardware, each one designated by a letter of the alphabet. "We typically use Configuration C on



most shuttle missions," he said. Add the Quintronix DSP box to the mix, Bordelon says and "you could either say that we merged the two together for a purely coincidental name or, that it embodies the true spirit of Amateur Radio for this mission."

STS-93 will mark the 25th time that the Space Amateur Radio EXperiment has flown. It's also the only SAREX flight scheduled for 1999 and the last one scheduled to take place from the shuttle fleet. Bordelon says future shuttle missions will be "way too busy" to accommodate SAREX. The Amateur Radio on the International Space Station program is working toward establishing a permanent Amateur Radio presence in space aboard the ISS. An interim Amateur Radio station should be operational from the ISS by early next year.

The SAREX program is a cooperative venture of NASA, AMSAT, and the ARRL. For more information on SAREX, contact Jean Wolfgang, WB3IOS, e-mail jwolfgang@arrl.org. - Via ARRL Letter Online 6/25/99



Thanks to Greg Trook, N0UJR
<http://incolor.inetnebr.com/n0ujr/>

Meet The Member - Heber Adams, W4GDF

(Continued from page 1)

While in high school, Heber also passed the First Class Radiotelephone test and was able to work as an engineer for commercial radio stations. His first job was with WRRF in Washington, NC. He started NC State College in the fall of 1942 until April 1943 when he was drafted. He served three years as a radio operator in the 173rd Regimental Headquarters.

Returning to NCSC in the fall of 1946 he worked the club station W4ATC mostly on 75 meter phone. He enjoyed working the contests such as the sweepstakes. He graduated in 1949 and returned to Greenville. He got his MA degree in 1951 from East Carolina College. He had already started working at WGTC in November, 1950 and later got into TV in 1953 at WNCT. He retired from WNCT-TV after 37 years with most of that time as the Chief Engineer.

In 1974 Dave Langley, W4YDY, spoke with the station manager, Hank Tribley, W4JVP, about operating a two meter repeater. Heber got involved and became the trustee of WR4AMB (by the way, Dave's repeater call, WR4ACH, was used until they got their own in February, 1975). Heber continues to be trustee.

Heber's equipment consists of an Icom IC 22A transceiver for two meters and a Kenwood TS 520 for HF. He has gotten his whole family into ham radio (it can keep a spark in a relationship). Wife Lucy, WA4BVH, Howard, formerly WB4FJQ, Murray, WA4DAN are all hams.

Notes of Interest:

Heber met Gilbert Smith, W4AMC, (our club call sign) in Robersonville in June 1939. Several of the new hams had gone to see his ham station. Gilbert had warned the new hams that if they wanted to work Europe they had better do it soon because war was just over the horizon. As predicted, Germany invaded Poland on September 1, 1939. They had only a couple of years

of hamming before the US got into the war in 1941.

The GARC (Greenville Amateur Radio Club) operated for three years from the late 1950's to early 1960. The main effort was to help fellows obtain ham tickets. They met for two hours every Saturday night at 7 p.m. covering theory and code practice. A number of their students were able to get their license.

Heber met Jim Pepper W6QIF (Quinine, Iodine, Fluorine) in Biarritz, France in the fall of 1945. Jim was taking courses at Biarritz American University. Heber was working at an Armed Forces Network radio station. When Jim completed his courses, he joined the radio station.

They started putting together a ham station in anticipation of the US amateur privileges being restored. They built a 10 meter converter for a 20 meter military receiver and converted a military transmitter to 10 meters. They provided a way for GI's to talk to their families back home. Heber came home in February, 1946 and Jim followed in June. They have exchanged Christmas cards for over 50 years to the present. Heber was able to see Jim in San Jose a few years ago. Jim showed Heber San Francisco including dinner at Fisherman's Wharf. Jim has written several articles for 73 Magazine - one was on a QRP rig. He still loves to design and build his own gear.

I would like to thank Heber for such detailed information. It is interesting and is illustrative of the lure of amateur radio and the personal bonds it builds. The history of amateur radio is Greenville provides insight into how we got here and the effort of those

who came before us. I hope we are doing the same for those who follow us. - K4MHM

Amateur Radio Classes to Start in September

New Amateur Radio classes for Novice and Technician licenses will begin on September 1. A complete schedule will be announced as soon as possible. Be sure to tell your friends that are interested in Amateur Radio that this is an excellent opportunity to get their license. Instructors will meet on July 20 at 7 p.m. If you can help, please let K4MHM know.

Amateur Radio Week Declared

Mayor Nancy Jenkins declared the week of June 20-27 to be Amateur Radio Week.

This was in recognition of the Brightleaf Amateur Radio Club that has existed in Greenville for 32 years. This declaration also commends the more than 300 licensed radio operators in Pitt County. The American Radio Relay League Field Day was held June 26-27 in conjunction with Amateur Radio Week.

K4KBB

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BARC Monthly Minutes - June 1999

Minutes of the June 8 meeting of the BARC

The meeting convened at 7:30 PM. The minutes of the last meeting were approved. The Treasurer reported \$894.86 in our account as of 6/8/99. No report from the secretary.

President Murray Merner, K4MHM, reported that we apparently do not have enough members to remain affiliated with ARRL. He will work on this. If club members will renew their ARRL membership through the club, the club gets some money back. There is a display at Sheppard Memorial Library on Amateur Radio and Field Day (I was over there and it is pretty nice, too; you should go see it)

Committee reports

a. VOA Site C: There is a law suit pending in Baltimore, MD, that impacts Site C here, even though our Site C is not involved. Till that suit is settled, nothing can be done to the site. Agrimedicine's impact on the site will be in the building only. The towers appear to be ok for the time being. Walter Jones has agreed to contact ECU and ask them to keep Amateur Radio in their plans.

b. Special Service Club: No report and nothing heard from John Covington

c. Special Events: Watermelon Festival/August--participants right now should be Garry Gasperini, KU4NQ, Murray Merner, K4MHM, John McCoy, K4KBB, and Ken Graf, N8FF. Question on whether there is any interest in holding a special event station at Site C, possibly in September. Fourteen people indicated an interest and Dave Langley, W4YDY, said some folks from out-of-town were also interested.

d. Health & Welfare--Paul Tripp in New Bern is not too well.

e. Instructor Group: will meeting in July to get materials, etc. Let Murray, K4MHM, know what you want to teach. The first class will be September 9.

f. Programs: The July meeting

is with the Kinston Club. We will meet at the library at 6:30 and the program will include HDTV (Bernie Nobles, WA4MOK, and Kip Campbell, K1PEB) and a DXpedition to St. Peter island from Ron Knapp of Kinston. The library is at Queen and Vernon Avenues in Kinston.

August program will be sunspots or contesting. Also, Alan Hoffman of Channel 9's Listen will be present.

g. VE session: next one is June 18, 6:30

h. Equipment no report. Trailer work day before Field Day

I. Publicity no report

j. Ham Chatter: 10 issues are at each Radio Shack and 10 more to Field Day. Looks good in color, doesn't it?

ARES: There are access problems at the hospital still. Doug, K4ROK, is working to resolve them. Eastern Branch and Area 2 checked out their equipment for hurricane preparedness and Wayne, WD4JPQ, and Bernie, WA4MOK, and a couple of others put up poles, etc. for dipoles and other antennas.

New Business

Constitutional Amendment for Absentee Ballots: Nominations will be in September, from the Nominating Committee and the floor. They will be closed at this meeting. In October, pick up the absentee ballots which will include instructions and envelopes. Vote, and either mail them or give them to a committee member. In November, the ballots will be opened and counted with the regular ballots. Write-ins are OK. See May's Ham Chatter for a closer look at the process. **Motion** to adopt the changes to the constitution by Bob, KE4UGC, and seconded by Tom, W4TEP. No discussion. Motion approved, 3 opposed.

Mike Langley, KE4MTT, spent around \$100.00 in gas for the generators at last year's field day. Gary, KU4NQ, made a motion to reimburse him, but he declined so the motion was withdrawn. Thanks to Mike for the gas.

Field Day

James, KD4JOV, is in charge of the shelters and would like to get them up first. Bill, WA4SLC, will pull the trailer to the site. The antennas (John, K4KBB) will be 80 and 40m dipoles, 40-10 folded dipole, with beam optional. Novice-techs can put up a vertical. Two rigs will come from ARES as last year and the club rig will be used for the novice-tech. Ken, N8FF, notes that the desk mike must be wired for the Yaesu or it won't work. Need a tuner for the club rig and a laptop for logging. Remember to use Zulu time.

Jim, KF4VHH, needs more folks to sign up to operate.

Kim, KG4CCY, and Wayne, KG4CCZ, will be cooking grilled chicken and hamburgers, to be ready about 6PM. Their estimated total outlay is \$82.38 (as of this meeting).

Tom, W4TEP, will get gas, oil, water, 1st aid, fans, propane stoves, tanks, gas grills, flag. Tom exercises the generators periodically but they need their oil changed.

Trailer work day will be June 19 at Tom's, 2850 Fire Tower Rd, at 8AM.

Flyers are at Radio Shacks, mayor has proclaimed Amateur Radio Week.

Thanks to Bernie, WA4MOK, for demonstrating how to set up the 40-10 antenna.

Respectfully submitted,

Lily Fainter

KV4AW

ex-KE4UGD

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@arrl.net

For Sale:

Kenwood TS-60 Transceiver, All mode, 6 Meters, 100 watts. Asking \$700. Phone (252) 321-4824
Ken Graf, N8FF

For Sale:

Okidata Microline 92 9-pin dot matrix printer. Like new condition. NLQ (Near Letter Quality). \$50 or make offer. Phone (252) 321-2525
Dave Langley, W4YDY

Special UK Prefixes in Effect

In recognition of the elections in Scotland and Wales in May and the convening of the new Scottish Parliament and Welsh Assembly in July, the UK has instituted special prefixes for use by Scottish and Welsh amateurs through July 31. In Scotland, GM stations may use the 2S, and MM prefixes may use 2A. Those with Novice call signs may use 2T. In Wales, GW stations may use 2C, MW stations may use 2X, and Welsh Novices may use 2Y. Until now, the "2" prefix has been used for UK Novice licensees only. -RSGB - Via ARRL Letter Online 6/11/99

Editors Note: On 6/12/99, I had a QSO with Alex Donaldson, 2S0LYM, (GM0LYM) located in Scotland. He told me about the special call signs and I received his QSL card and an info page about Scotland history two weeks later! -W4YDY

Spectrum Protection Bill Adds Cosponsors

There are now 76 cosponsors for The Amateur Radio Spectrum Protection Act, HR 783. The measure would require the FCC to provide "equivalent replacement spectrum" should the agency reallocate any Amateur Radio or Amateur Satellite service allocations to another service.

"Our regular visits to Congressional offices on Capitol Hill indicate that, while most members of Congress understand and appreciate the benefits of Amateur Radio, some are reluctant to sign onto such a technical piece of legislation without some indication of support from their own constituents," says ARRL Legislative and Public Affairs Manager Steve Mansfield, N1MZA.

HR 783 still must make it out of the House Telecommunications Subcommittee and its parent House Commerce Committee before it goes to the House floor. There's a lot of pending legislation already in the pipeline, however, so that could take some time.

Hams wishing to help the effort to move HR 783 can do so by writing to their member of Congress. Visit ARRLWeb, <http://www.arrl.org/govrelations/hr783.html> for a sample letter and addresses.--Steve Mansfield,

Next VE Session August 20

The next Brightleaf Amateur Radio Club VE session will be held on August 20. Exams will be held at St. Peter's School on 4th Street. Exams will start promptly at 6:30 PM. - KQ2V
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 \$6.45

Commercial Ad Rates

1/8 page, Business Card Size
\$10 per Month - \$100 per Year

Send ads to: **Ham Chatter
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Greenville, NC 27835,
ATTN: Dave Langley**

or email w4ydy@sprintmail.com
Help support *Ham Chatter*. Get some ads to offset the higher printing and mailing costs. 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)
- ◆ Eastern North Carolina Traffic Net, Every night, 2030 on 146.685 MHz.
- ◆ New Bern Amateur Radio Club/ Eastern NC 220 Association for the WD4JMS & WA4DAN Net, Monday, 2000 on 146.61 and 224.84 MHz
- ◆ Wilson Amateur Radio Club Net, Monday 2030 on 146.76 MHz.
- ◆ Piedmont Coastal Traffic Net, Nightly 2030 on 146.88 MHz.
- ◆ Newport WFO SKYWARN Net, 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 1930.

NTS CW Nets

- ◆ 3.715 1800 hours, slow speed (5-10 wpm)
- ◆ 3.573 1900 hours, high speed (20 wpm)
- ◆ 3.573 2200 hours, slow speed (12-14 wpm), South Carolina/North Carolina

BARC

CALENDAR OF EVENTS

July 13.	Regular Meeting at Kinston	September 28	Board Meeting
July 10-11	IARU HF Championship Contest	October 2.	Ham Chatter Deadline
July 17.	Cary Hamfest	October 12.	Regular Meeting - Pick up ballots
July 20.	BARC Instructors Meeting	October 15.	BARC VE Session @ 6:30PM
July 27.	Board Meeting	October 16.	JOTA
July 31.	Ham Chatter Deadline	October 26.	Board Meeting
August 10	Regular Meeting	October 30.	Ham Chatter Deadline
August 20	BARC VE Session @ 6:30PM	October 30-31.	CQ WW SSB DX Contest
August 31	Board Meeting	November 9.	Regular Meeting - Elections
September 4-5	Shelby Hamfest	December 14	Christmas Party - Club Awards
September 5.	Ham Chatter Deadline		Regular Meeting - 2nd Tuesday @ 7:30 PM
September 14.	Regular Meeting - Nominations		Board Meeting - Last Tuesday @ 7:00 PM
September 18-19	VA Beach Hamfest		

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

July 1999

**July Meeting
at Kinston!**

To:



PO Box 8387
Greenville, NC 27835

Ham Chatter