

Ham Chatter



Amateur Radio
"only fail-safe system"
of communication
K4ZDH



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Editor, Dave Langley, W4YDY - Email: w4amc@qsl.net

Contributing Editor: Murray Merner, K4MHM

Meet the Member Walter Allen, KD4NHZ

Walter was born and raised in Johnson County, NC and graduated from Rosewood High School in next door Wayne County in 1955. Soon after graduation he started store manager training at the Goldsboro Shoe Company and after completion was put in the store at Clifton Forge, VA in 1958 and stayed until 1960. In 1960, he came to Greenville working for the Merit Shoe Company (a division of Endicote Johnson) located on Evans Street. He worked there until Dec 18, 1965. He then started working for the US Postal Service retiring in Jul, 1996 after 31 years, 11 months. At the Postal Service Walter was a Vehicle Operation Maintenance Assistant (VOMA) with 40 trucks under his watchful eye.

He also attended Business School and received a certificate for completing a 160 hour course on Radio and TV and got a certificate for a mechanics class.

While Walter had an early interest in Amateur Radio, he couldn't get into

(Continued on page 6)



Walter Allen, KD4NHZ



JUNE 28/29

When All Else Fails is the slogan for this years Field Day exercise. Field Day started some 70 years ago as an emergency preparedness exercise. Location for BARC Field Day exercise will be behind Carolina East Mall next to Lowe's Hardware. We will start setting up the site at 7:30 AM on June 28. The plans are to setup 2 tribander antennas, the HF Vertical, the screwdriver antenna, the 40 meter dipole and the 75 meter dipole, the 6 meter 3 element beam and the VHF Satellite antenna. We will set up 4 stations plus our GOTA Station (Get On The Air). We also will have tents, generator, power cords, tables, and chairs to setup.

As you can see, there is a lot to do to meet the 2:00 PM start time so if you can come out and help put this together it will be fun and you might even learn something new. The meal will be around 6:00 PM and will consist of barbecued chicken and a covered dish. After the meal is when the fun really starts.

To all the new hams, come out and see what you are missing by not hav-

Next Meeting June 10

The Brightleaf Amateur Radio Club will have its next regular meeting on June 10 at 7:30 PM at VFW Post Home 7032 at 1108 Mumford Road in Greenville. Program will be Field Day planning by Richard Campbell, KG4SNE, Field Day Chairman. All members, families and guests are invited to attend.

The next board meeting is set for June 24 at 7:30. The meeting is open to all members.

BARC Elmer Sessions

An Elmer Session was held May 29 with low turnout and plenty of rain and lightning. They are still studying Morse Code for the next few weeks. They are talking about adding the General text as they study code.

The next Elmer Session will be Thursday, June 19th at 7:00 p.m. John McCoy, K4KBB, will be back to continue the CW class.

This is an excellent time for BARC members to take advantage of these classes and learn the code and upgrade to General. - Taylor, KG4SNC

USA-CA # 1069

W4YDY was awarded USA-CA #1069 on May 31, 2003 for working Amateur Radio stations in all 3077 counties in the United States.

ing HF privileges. To the veterans come and shows us new guys how it is done. Let's make a lot of contacts and have a lots of fun. - 73, Richard KG4SNE

Amateur Radio Week in Greenville



*Office of the Mayor
City of Greenville*

Proclamation

WHEREAS, Amateur Radio Operators provide public assistance by providing emergency radio communications for the City and its residents; and

WHEREAS, there are over 300 licensed radio operators in Greenville/Pitt County; and

WHEREAS, the Brightleaf Amateur Radio Club has existed in the City for 36 years in service to our city; and

WHEREAS, the American Radio Relay League Field Day will be held June 28 - 29, 2003 to practice communication skills;

NOW, THEREFORE, I, Robert D. Parrott, Mayor of the City of Greenville, North Carolina, hereby declare the week of June 23 - 29, 2003 as

AMATEUR RADIO WEEK

in recognition of this important emergency preparedness exercise, and call upon all citizens to pay appropriate tribute to the Amateur Radio Operators of our City.

This the 19th day of May, 2003.

Robert D. Parrott, Mayor



**Happy
Birthday**

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

- | | |
|-----------|-------------------|
| 14 W4TEP | Tom Parsons |
| 19 KB4KR | J. Lawry Bennetts |
| 21 KG4WEX | Mindy Weed |

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

Well Wishes

Thoughts and Prayers go out to the following:

Juanita Humbles, KE4JWK
Wayne Ross, WD4JPQ

BARC Patches Available

Patches are \$2.00 each or 3 for \$5.00. They can be sewn onto hats, shirts, or jackets. Anyone interested in purchasing these can do so at the regular club meetings or contact John McCoy, K4KBB. Power pole connectors were sold out.

President's Corner

Dave, KV4CN

Field Day is ahead, and thanks to the raffle money, we will have a new rig to enjoy during the event. An ICOM IC-706 has been purchased complete with filter and Heil headset. Again thanks to all who helped with the raffle.

Much of this issue and the next meeting will be devoted to Field Day. I want to encourage all members to come and participate in Field Day. If you are newly licensed or have recently upgraded this is an excellent opportunity to improve your skills. There will be plenty of elmers to answer questions and help you operate. This year's Field Day will see the return of last year's popular GOT A (Get-On-The-Air) station. The whole purpose of this station is to dedicate a radio and assistance to improve the skills of new or inactive hams.

This month's president's message is short because I only have one message to convey.

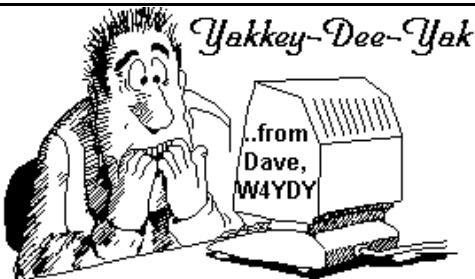
Come and be a part of BARC's 2003 Field Day.

See you at the meeting and Field Day.

73, Dave KV4CN

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Last month in this column, I commented on the first transmitter that I had and there was another story. It was a Harvey-Well TBS-50D that ran 50 watts and it is now a collectors item. It was built before there were many TV sets in operation all over the country and the transmitter had no TVI shielding.

I got along fairly well because I was on CW to start with and there were not many TV sets in Aurora. We had one and the antenna was two stacked 4-element yagis pointed to Norfolk, VA to pick up WTAR-TV, Channel 4, 110 miles to the North. We had a snowy picture 90 percent of the time. It didn't take much of a harmonic signal from the transmitter to cause interference. Even after I got on phone, I didn't get any complaints until..... A couple of weeks after I graduated from high school, I finished building a class C amplifier with an 813 tube running about 300 watts. It was modulated by a pair of 809 tubes for the AM signal. I had it sitting out in the open with no shielding and it was an excellent example of how not to construct a piece of electronic equipment. Being a

teenager and the closest ham 30 miles away, I didn't have too many places to look for answers. I still don't know how I survived all the shocks! By the way, who is that fellow that teaches RF safety for the BARC license classes now? His brain was probably fried when he was a teenager!

Well, I put the thing on the air running *high* power. It got good signal reports. But I also got an S9 plus a whole lot of db's from the living room. My mother said when I went on the air, channel 4 went berserk with a lot of wiggles on the picture and my audio coming through loud! WTAR-TV didn't have a chance. After 4 or 5 days of operating that amplifier, I got a call from one of my high school classmates that lived over 3 blocks away telling me to get that radio off the air. He was trying to watch a program on his TV and I was wiping out the picture and sound! I made up my mind that the end of that amplifier had come. I started to take it apart a few minutes later with the plan to build another with a pair of 813 tubes operating push-pull. That would cancel a lot of the harmonics and also I would add TVI prevention along with a shielded cabinet. That helped quit a bit but it also helped when I bought a Heathkit AT-1 transmitter to drive it instead of the TBS-50D.

I operated the amplifier from 1953 to 1957. In 1957, I went on SSB and rebuilt the am-

plifier again into a grounded class AB linear. It usually ran about 600 to 800 watts and I had put it in a 3 foot rack cabinet. I operated it for about a year and sold it when I bought a Johnson Viking Thunderbolt table top amplifier. It was sold in 1961 and replaced with a

Collins

30L-1 that

I still use

a l m o s t

every day.

But it was

still fun

having the

home built amplifier doing its job when you know you built it from scratch. How many home built amplifiers have you heard on the air lately?



Johnson Thunderbolt

I didn't use the Harvey-Wells much at all the last few years I had it. When my cousin, W4QI, and I went to New York in 1960, we went down to radio row in lower NYC. We went by Harrison Radio to meet the fellows where I had ordered my Collins KWM-2 and Mosley TA-33 beam. I traded the Harvey-Wells in for the Central Electronics MM-2 scope that I am still using along with the Collins and beam. It was designed especially for Amateur Radio. For those that are not familiar with "radio row", it was removed in the late 1960's for the twin towers that were built in the 70's. Harrison Radio was where there is now a big hole! - W4YDY



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60-Meter operation to require operator prudence, caution

When the five channels of the new 60-meter amateur allocation become available later this year, Amateur Radio operators will have to learn some new operating habits and adopt some new on-the-air attitudes. The limited spectrum and stringent bandwidth requirements will mean amateurs will have to demonstrate their best behavior and operating skills if the Amateur Service ever hopes to get an actual band segment at 60 meters.

"In terms of Amateur Radio spectrum, we usually say, 'Use it or lose it,'" said ARRL CEO David Sumner, K1ZZ. "The watchword for 60-meter operators should be, 'Misuse it and lose it.'"

The channelized scheme--similar to the 5-MHz experimental operation under way in the United Kingdom<<http://www.rsgb-hfc.org.uk/5mhz.htm>>--puts unfamiliar technical compliance demands on US hams who have, until now, not had to worry much about frequency stability or transmitted audio bandwidth. The FCC has granted amateurs 5332, 5348, 5368, 5373, and 5405 kHz--the last channel common to the UK experimental operation's band plan. These are all "channel center frequencies," the National Telecommunications and Information Administration (NTIA) said in a March 13 letter to FCC Office of Engineering and Technology (OET) Chief Edmond J. Thomas. The NTIA, which administers federal government spectrum, opposed allocation of an actual ham band citing the ongoing spectrum requirements of federal licensees with homeland security responsibilities. The channels will be available to General and higher class licensees.

The NTIA says that hams planning to operate on 60 meters "must assure that their signal is transmitted on the channel center frequency." In general, the NTIA has advised, users should set their carrier frequency 1.5 kHz lower than the channel center frequency. According to the NTIA:

Channel Center	Amateur Tuning Freq.
5332 kHz	5330.5 kHz
5348 kHz	5346.5 kHz
5368 kHz	5366.5 kHz
5373 kHz	5371.5 kHz
5405 kHz (common US/UK)	5403.5 kHz

Manager Paul Rinaldo, W4RI, says the assignment of these channels implies that amateurs now must adhere to certain frequency tolerances for their use. While the international Radio Regulations don't list these for the Amateur Service, he notes, they do stipulate tolerances on the order of 20 to 50 Hz for other services.

"We haven't been told anything specific about frequency tolerances for these channels but would probably annoy federal regulators if we strayed any more than 50 Hz from the assigned carrier frequencies," Rinaldo cautioned.

Keeping one's audio within the 2.8-kHz wide channel to comply with the 2K8J3E emission specification is another important issue. ARRL Laboratory Manager Ed Hare, W1RFI, believes prudence calls for not having baseband audio below 200 Hz nor greater than 2800 Hz--for a total bandwidth of 2.6 kHz. "That will probably keep us out of trouble," he said. Noting that the high-frequency response "can vary a lot from radio to radio," however, Hare recommended that amateurs play it conservatively.

Additionally, the FCC has restricted operation to USB only, with a maximum effective radiated power (ERP) of 50 W. The USB-only requirement stemmed from NTIA interoperability concerns. The NTIA wanted to make sure that federal users could copy and, if necessary, identify any amateur station using one of the 60-meter channels. As a result, the 60-meter frequencies will become the only ones available to the general amateur community that do not permit CW operation.

For the sake of this particular grant, the FCC said it would consider a half-wave dipole to have a gain of 0 dBd. In its letter to the FCC, the NTIA stipulated that radiated power should not exceed "the equivalent of 50 W PEP transmitter output power into an antenna with a gain of 0 dBd."

"Although this is less spectrum than the American Radio Relay League petition requested, this is the best we can do pending a definition of Homeland Security HF requirements," concluded Fredrick R. Wentland in the NTIA's letter to the FCC's OET.

Sumner has predicted that, over time, amateurs can and will "develop a record of disciplined, responsible use of the five channels in the public interest that will justify another look at these rather severe initial restrictions."

Just when amateurs will get their first crack at 60 meters is not yet clear. The changes to Part 97 go into effect 30 days after publication of the Report and Order (R&O) in The Federal Register, which has not yet happened. Publication could take anywhere from a few weeks to a few months. ARRL will announce a specific date as soon as it's known.

The FCC Report and Order in ET Docket 02-98 is available on the FCC's Web site <http://hraunfoss.fcc.gov/edocs_public/attachmatch/FCC-03-105A1.doc>. - via ARRL Letter Online 5/23/03

Two-man ISS crew easing into operational routine



Now a month into their Expedition 7 mission, the crew of the International Space Station has moved beyond an orientation and familiarization schedule and into an agenda of operations that reflects the range of activities they'll pursue during the remaining five months of their flight. Expedition 7 Commander Yuri Malenchenko, RK3DUP, and NASA ISS Science Officer Ed Lu, KC5WKJ, last week completed various maintenance tasks. This week, Malenchenko and Lu--the first two-person crew to stay aboard the ISS--will replace a storage battery in the Zvezda Service Module. As training for a contingency space walk, Malenchenko and Lu will practice getting into--and out of--their American spacesuits, a task they typically had help with during training on the ground. No spacewalks are planned for this increment, however. On May 21 Malenchenko and Lu discussed mission progress and scientific research with the BBC World Service and with WHEC-TV

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Amateur Radio Today sent to members of Congress

A copy of the new Amateur Radio Today CD-ROM video presentation this week went out to all 535 members of the US Congress. The ARRL video tells Amateur Radio's public service story from a non-Amateur Radio perspective. Former CBS news anchorman Walter Cronkite, KB2GSD, narrates the six-minute presentation.

"After viewing the video, I am sure you will agree that hams are a valuable public safety resource, and continued threats to the spectrum they operate on is not in our national interest," say identical letters to their colleagues from US Rep Michael Bilirakis, a Florida Republican, and US senators Michael Crapo, an Idaho Republican, and Daniel Akaka, a Hawaii Democrat. The letters also seek additional cosponsors for The Amateur Radio Spectrum Protection Act of 2003. Bilirakis is the House sponsor of the Amateur Radio Spectrum Protection Act of 2003, HR 713, while Crapo sponsored the Senate version of the bill, S 537. Akaka is an original cosponsor of the Senate measure.

The bills, an ARRL initiative, are on their third try in Congress. HR 713 and S 537 would protect existing Amateur Radio spectrum against reallocations to or sharing with other services unless the FCC provides "equivalent replacement spectrum" elsewhere. That would include reallocation of primary amateur allocations, any reduction in secondary

Next VE Session

The next Brightleaf Amateur Radio Club VE session will be held on **June 20**. Exams will be held at St. Peter's School on 5th Street and will start promptly at 6:30 PM. Tom Parsons, W4TEP, 355-2815. w4tep@arrl.net. Please bring the following:

- ◆ Photo ID (drivers license)
- ◆ Original Amateur Radio License
- ◆ Copy of Amateur Radio License
- ◆ Original CSCE's
- ◆ Copy of CSCE
- ◆ Test fee is \$12.00
- ◆ Proof of Tech Plus if before 3/21/87 and doing paper upgrade to General.

Astronaut thrills hometown youngsters via Amateur Radio

NASA ISS Science Officer Ed Lu, KC5WKJ, told youngsters at his home-alma mater via ham radio this week that zero gravity (G) feels a bit like going over the top on a roller coaster. The May 27 Amateur Radio on the International Space Station (ARISS) contact with Klem

Lu told the youngsters that while Road South School in Webster, New York, he was speaking to them from NA1SS, he was the first for a member of the two-ham ISS Expedition 7 crew and for Lu, who had attended the kindergarten through grade 5 school some three decades ago.

"If you've ever been on a roller coaster and you go over the top of the roller coaster you feel that feeling like you're kinda light--you're floating up on

amateur allocations, or "additional allocations within such bands" that would substantially reduce their utility to amateurs. The chairman of the House Subcommittee on Telecommunications and the Internet has agreed to hear testimony on the House version of the bill later this spring.

The text of HR 713 and S 537 is available via the Thomas Web site <<http://thomas.loc.gov/>>.

Individuals may order a copy of the Amateur Radio Today CD-ROM from the ARRL on-line catalog <<https://www.arrl.org/catalog/?item=8861>> or download it for free. Amateur Radio Today also is available in VHS videotape format. A subtitled (open-captioned) version also is available. - via ARRL Letter Online 5/16/03

actly like that but a lot stronger." Weightlessness "feels great." After some time in zero gravity, however, "it feels like your legs weigh a ton," he added, describing his own post-space shuttle experience.

Lu told the youngsters that while he was speaking to them from NA1SS, he was floating--and relaxing--about a foot above the floor and about to have a lunch of lamb, a chicken omelet and cookies for dessert. "I like the food up here a lot," he remarked later. Most of the current cuisine is Russian, he said, but he anticipated some Chinese and Hawaiian fare to arrive aboard the next Progress supply rocket. The ISS crew typically eats three meals a day, he said.

The lack of gravity does make it necessary to secure everything, including eating utensils, so they don't float off. Another downside of zero G is that the astronauts aboard the ISS must exercise regularly. "If you don't exercise, all of your muscles get smaller, and that includes your heart," he explained in response to one boy's question.

In all, Lu answered about a dozen questions, although apparent signal dropout and noise plagued the last minute or two of the QSO, rendering his replies barely intelligible. Lu advised the youngsters that, while expertise in science and math was most important to becoming an astronaut, skills and specialties vary among

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Email addresses

Please send me your new addresses so I can update my records. I need the correct addresses to notify members when the latest *Ham Chatter* goes online, important notifications and update the email roster on the web site. - W4YDY



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

Meet the Member Walter Allen, KD4NHZ

(Continued from page 1)

it because it required receiving Morse code and he was deaf (after five operations he was able to get some hearing in his left ear). He did get involved in Citizens' Band Radio where his name was "Golden Boy". He later learned that the Morse code requirement was dropped for the Technician license, attended a class and got his license Apr 21, 1992. Dave LeMoine, KV4CN, recently helped Walter renew his license over the internet so he's good to go until May 18, 2012 !

Walter has two 2 meter Kenwood PM241A's in his vehicles and a 2 meter Alinco DJ 580 2 meter / 440 dual bander. Walter primarily listens to the radio and doesn't talk much. He has taken part in some Field Days in the past and is thinking about getting more active in BARC.

Other interests include: his wood shop where he does furniture repair and upholstery and his engine repair shop – both for his own amusement. For 20 years, Walter volunteered at the Belvoir Fire Dept and was secretary for 10 years.

He and wife, Jasa, have two sons Jason in Winston Salem and Bryan in Belvoir. He also has three sons from his first marriage: Andy, Timmy and Todd all who live in the Rosewood area. Unfortunately, Walter was not able to convince any of them to join the Amateur Radio world.

Walter has been on the fringe of Amateur Radio lately, but still has an interest. While he has been a faithful member of BARC, with a little encouragement he may get reinvolved. We hope he will join the comradely of BARC and get on the air more - we need you Walter. - K4MHM

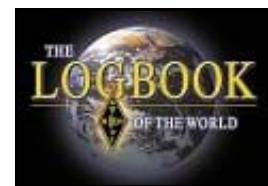
Two-man ISS crew easing into operational routine

(Continued from page 4)

in Rochester, New York, near Lu's home-town of Webster. The following day, they answered questions from students gathered at the Adler Planetarium in Chicago. On May 27, Lu spoke via Amateur Radio with students at the Klem Road South School, his home town alma. (see "Astronaut

ARRL releases updated "Logbook of the World" beta software

"Logbook of the World" (LoTW) beta testers for the most part have reacted positively to the latest version of ARRL's secure electronic contact-confirmation system, but some



users have run into difficulties. Responding to problems encountered by some early beta testers, the League has released an updated beta version of LoTW that should resolve these issues. Beta testers are encouraged to download the new version of the software, 1.02beta, from the LoTW page <<http://www.arrl.org/lotw/>>.

"While most installations and subsequent e-mailing and uploading of log data have gone flawlessly, as expected there have been problems," said ARRL's Dave Patton, NT1N, who's been a part of the LoTW project from the start. He says the LoTW server software failed to recognize many of the new digital mode designations, such as MFSK-16 and JT6M. This caused fatal errors while digitally signing logs.

Patton says the beta update allows users to "map" any mode designation to one of the four main Amateur Data Interchange Format (ADIF) mode categories--CW, phone, image, and digital--without changing the actual log data. He said the beta upgrade also will correct other log data problems that caused fatal errors in signing a log, including allowing the signing process to complete the "good" parts of a log without crashing.

Beta testing got under way May 15. So far, the 1300 or so beta testers have

Thrills Hometown Youngsters via Amateur Radio" on page 5 of this issue). More information on the Expedition 7 crew's activities is available on NASA's Human Spaceflight Web site <<http://spaceflight.nasa.gov/>>.--NASA>. - via ARRL Letter Online 5/30/03

uploaded upward of five million contacts to the LoTW database. Once it's ready later this year, LoTW will provide a way for amateurs worldwide to qualify for awards such as DXCC or WAS without having to first collect and submit hard-copy QSL cards.

One beta tester from Brazil lavished praise on the LoTW project. "I applaud the creators of LoTW," he wrote. "This will be, for sure, the salvation of DXing and award collecting. Please keep up this essential work!" For now, log data are limited to contacts made no more than five years ago (on or after January 1, 1998) to get a representative sampling, Patton explained.

Patton promised "many more bells and whistles" over the weeks ahead. One of those will meld LoTW with DXCC. He noted that a major DXCC software revision, now under way, will need to be completed first.

Logging software developers now can get documentation and a Windows DLL library--as well as complete source code for the TSQL software--at the SourceForge Web site <<http://sourceforge.net/projects/trustedsql/>>.

To join the beta testing program, visit the Logbook of the World--Getting Started site <<http://www.arrl.org/lotw/getstart.html>>. The beta testing period wraps up in mid-July.

All QSO data submitted to LoTW will be deleted when the beta test period ends, and users will have to obtain new digital certificates to submit log data to LoTW once it 'goes live.' As part of the security process for the live system, passwords will be mailed to US licensees at the address that appears in the FCC database. Users should make sure the FCC has their current mailing address.

Amateurs can modify their address online or via US mail by using instructions available on the FCC Web site <<http://wireless.fcc.gov/services/amateur/licensing/changingaddress.html>>. ARRL members may submit license modifications or renewals through the ARRL VEC <<http://www.arrl.org/fcc/forms.html>>. - via ARRL Letter Online 5/30/03

Ohio ham hit with \$12,000 fine in malicious interference case

Cooperation between Canadian and US amateurs has resulted in a \$12,000 Notice of Apparent Liability for Forfeiture (NAL) from the FCC to an Ohio amateur. The FCC has alleged that Ronald E. Sauer, WE8E, of Bedford Heights violated Part 97 rules prohibiting deliberate and malicious interference, transmission of music and failure to identify. The case involved daily interference to the Trans Provincial Net <<http://www.tpn7055.ca/>>, a Canadian net that operates on 7.055 MHz.

"This was no small task and was accomplished with the help of many people from the US and Canada working together," said ARRL Great Lakes Vice Director Dick Mondro, W8FQT, who expressed thanks to all involved. In addition to TPN members, that included Radio Amateurs of Canada (RAC) <<http://www.rac.ca>> officials, Industry Canada, the FCC, ARRL Michigan <<http://www.arrl.org/sections/?sect=MI>> and Ohio <<http://www.arrl.org/sections/?sect=OH>> Section officials, ARRL Official Observers and members of the Cuyahoga Amateur Radio Society <<http://www.cars.org/>>. "This was indeed an example of teamwork in action and proves again that the FCC does care and continues to work with us to stop interference," Mondro added.

TPN Assistant Manager Jim Taylor, VA3KU, said the interference to the net had gone on for several months. "Our break came when the jammer decided to intensify his efforts by going to his local library and sending out repulsive and threatening e-mails to a few of our members," Taylor said. He and other Canadian hams were able to determine that the e-mails had come from a public library terminal in the Cleveland, Ohio, area. Taylor contacted CARS President Bob Check, W8GC, for assistance in zeroing in on the jammer.

Tracking down the signal source involved mobile direction-finding work by three CARS members, who passed along their findings to the FCC's Detroit Office late last January. Already alerted

to the situation, the FCC's Detroit Office had called on the Commission's High Frequency Direction Finding (HFDF) facility in Maryland. The HFDF group monitored jamming and the playing of music and narrowed down the search to an area near the intersection of Interstates 480 and 77 in the Cleveland area.

In the meantime, the FCC received the CARS report indicating that the interference was coming from Sauer's residence. On January 31, an FCC agent also used direction-finding techniques to track the source of the interference on 7.055 MHz to Sauer's home and conducted an inspection. The FCC said Sauer "admitted that he had been playing music and deliberately jamming the frequency of 7.055 MHz." Sauer "further admitted to jamming and playing music on this frequency on previous days."

Based on its findings, the FCC concluded that the \$12,000 fine was justified. The FCC ordered Sauer to pay the fine within 30 days or file a written statement seeking a reduction or cancellation of the proposed forfeiture. - via *ARRL Letter Online* 5/23/03

(Continued from page 5)

those in the Astronaut Corps. "The common thing among all of them is that all of them did pretty well at whatever it was they chose to do," he said.

With the ISS was over Hawaii at the time, radio contact with NA1SS was established via Nancy Rocheleau, WH6PN, in Honolulu, who arose before 3 AM to serve as control operator for the QSO. An MCI teleconferencing circuit linked the school with WH6PN. ARISS is an international program with participation by ARRL, AMSAT and NASA. - via *ARRL Letter Online* 5/23/03

Please send me information to put in Ham Chatter. Because you didn't, I couldn't think of anything to put here! The big type almost filled it.

FCC affirms hefty fine for amateur in interference case

The FCC has affirmed a \$12,000 fine against Technician-class Amateur Radio operator Scott E. Kamm, N0UGN. The FCC released a Forfeiture Order May 7 alleging willful and repeated interference, broadcasting of music and failing to identify with his call sign. The FCC's Kansas City office had released a Notice of Apparent Liability for Forfeiture (NAL) on January 24, but Kamm never filed a response, the FCC said. The Commission ordered Kamm to pay the fine within 30 days.

Kamm's station was in Waterbury, Nebraska, at the time he was cited last fall, although the FCC granted his February 27, 2002, application to change his mailing address to a location in Sioux City, Iowa.

Responding to complaints of continuing interference on the input of a 2-meter repeater, FCC agents monitored the machine's input frequency last December 9. They observed a very strong signal on 146.31 MHz "consisting of music, sound effects and unmodulated carriers" and no station ID. The FCC said the transmissions were interfering with amateur communications already in progress.

The FCC twice tracked similar signals to Kamm's residence in Waterbury, Nebraska, inspected his station and found a transceiver capable of operating on 146.31 MHz, the FCC said. Kamm claimed no transmissions were made from his station.

During 2002, Kamm was the target of several letters and an FCC Warning Notice from Special Counsel Riley Hollingsworth. Last fall, the FCC's Wireless Telecommunications Bureau set aside Kamm's amateur license renewal based upon complaints about the operation of his station and questions regarding his qualifications to be a licensee. Kamm's amateur license expired last September 29, and his license renewal application, filed August 8, has reverted to pending status. - via *ARRL Letter Online* 5/9/03

BARC Monthly Minutes - May 2003

BARC Monthly Meeting Minutes

Tuesday, May 13, 2003

7:30 pm at the VFW hall

Dave LeMoine, KV4CN, called the meeting to order, and asked everyone to introduce themselves with their name, call letters, and city location.

SECRETARY'S REPORT: Taylor Millar, KG4SNC, mentioned the Williamston Swap Fest to be held on Saturday, May 17th.

TREASURER'S REPORT: John McCoy, K4KBB, reported that the raffle of the Holland grill was very successful. Members applauded this fine report. John mentioned that the board members had suggested the club purchase an Icom 706 radio with the raffle money. He also thanked everyone who helped with the raffle especially those selling the tickets.

HEALTH AND WELFARE: Bernie Nobles, WA4MOK, gave a report on Wayne Ross's, WD4JPQ, condition and his expected upcoming treatments. We all need to keep him in our thoughts and

prayers, and visit him if and when possible.

EQUIPMENT: Dave LeMoine, KV4CN, mentioned the board's discussion of getting a new Icom 706 radio with the money from the raffle. After a brief discussion the club voted to purchase an Icom 706 radio with a good headset and speaker. Also it was voted to allocate up to \$ 930.00 for this purchase of radio and accessories.

It was reported that the installation of the tower for Oakwood School was progressing.

PUBLICITY: Pat Williams, KG4NSC, reported that the notice about our meeting place and time was placed in the Sunday Daily Reflector, and that the Field Day Kits have been ordered.

VE SESSIONS: Tom Parsons, W4TEP, reported that the next VE session will be held on June 20th at St. Peter's School on 5th Street at 6:30 pm. He reported getting 3 e-mails from persons wanting to take tests at the next VE Session.

ARIES: Bernie Nobles, WA4MOK, reported happenings from a recent meeting in Columbia. He reported that there

will be drills this coming summer concerning terroism.

One will be held in Onslow County, one in the Charlotte area, and one in Greensboro.

SKY WARN: Dave LeMoine, KV4CN, mentioned the special newscast made by our local television station at his house last week talking about emergency communication, etc.

ELMER SESSIONS REVIEW: John McCoy reported that the Morse Code class for General Class was going good with the use of the computer. The next classes would be on May 15th and May 29th at 7:00 p.m.

HAM CHATTER: Dave Langley, W4YDY, reported getting an e-mail from QSL.NET asking for a donation so that they could keep the web page and e-mail addresses going. The club voted to send them \$30.00 this year from the miscellaneous fund.

DOGWOOD FESTIVAL: Byron Highland, K4BMH, reported that the Dogwood Festival was a success with 19 club members turning out for this event. There were 44 contacts in 22 states and one foreign

(Continued on page 9)

BARC Board Minutes - May 2003

BARC Board Meeting: May 27, 2003

Attending: Jeff Hardee, K4RJH, Dave LeMoine, KV4CN; John McCoy, K4KBB; Mike Langley, KD4MTT; Pat Williams, KG4NSC; Dave Langley, W4YDY; Taylor Millar, KG4SNC; Richard Campbell, KG4SNE, and Byron Highland, K4BMH.

TREASURER REPORT: John McCoy, K4KBB, reported on the income received during the month. He also reported on dues collected recently plus patches sold. He reported the number of new members and paid up members. The raffle of the Holland grill was so successful that we should have another raffle in the future, he reported.

HEALTH & WELFARE: It was mentioned that Dr. Charlie O'Rear was now a silent key who leaves his wife Janice and son Chip. Charlie was a former club

member and member of the board. Wayne Ross, WD4JPQ, is still in the hospital.

EQUIPMENT: Byron Highland, K4BMH, reported on the purchase of the new ICOM 706 radio and accessories for the club. This radio will be shipped and set up in time for Field Day. Byron was commended for handling the ordering and purchasing of this equipment for the club. Cleaning up the trailer and getting maintenance items done on it is scheduled for Saturday, June 7th. This will be done at Mark's Marine at 11:00 a.m.

PUBLICITY: Pat Williams, KG4NSC, reported that the Field Day kits have come in. He reported that he has letters going out to all elected officials in Pitt County inviting them to Field Day. Byron Highland reported that the proclamation has been issued by Mayor Parrott to declare Radio Week during the week of Field Day. It was mentioned inviting

Mayor Parrott to our club meeting.

ELMER SESSION CLASSES: John McCoy, K4KBB reported that the next Elmer Session is scheduled for May 29th at 7:00 p.m. We are to review code learned so far.

The meeting after that is scheduled for Thursday, June 19th.

FIELD DAY- Will Be Our Next Meeting Topic: The Field Day event is scheduled to be next to Lowe's again this year on June 28th & 29th. Field Day will be discussed in more detail at the next meeting.

ADJOURNMENT: With no further business, the meeting adjourned at 8:44 PM.

Respectfully submitted,

Taylor Millar, KG4SNC

BARC Monthly Meeting Minutes

(Continued from page 8)

country which was Costa Rica. Most contacts were on 40 meters, he reported.

SPECIAL SPEAKER – HAM FROM THE NETHERLANDS: Mr. Evert de Danshutter told us about the factory he is building at DSM here in Greenville. He told about his background in radio. He also told what is happening with radio in the Netherlands, Europe and England. He talked a good bit about homebrew radios which was building ham radios at home, and the different types of licenses and exams in Europe. He also reported that the numbers of Hams were decreasing in all of Europe.

FIELD DAY CHAIRMAN: Richard Campbell, KG4SNE, Chairman of the Field Day Event reported that he has a cook, and chicken will be on the menu. He discussed banners, radios, computers, chairs, tables and antennas. It was mentioned getting tables from Jarvis Methodist Church. Another trailer cleanup is scheduled for the first Saturday in June. Greg Hackett, new area coordinator, is to be invited. The Greenville Mayor is to make a proclamation for Radio Week.

BOARD MEETING: The next board Meeting will be on May 27th at 7:30 pm at Mike's Marine on Highway 33 east. All members are invited.

ADJOURNMENT: With no further business, the meeting adjourned at 9:15 p.m.

Respectfully submitted,

Taylor Millar, KG4SNC



Ham Ads

Ham Ads will be run, free of charge in Ham Chatter for three months for each renewal. Ads must be received by the last week of the month to be included in the following issue. Send ads to: **Ham Chatter, PO Box 8387, Greenville, NC 27835, ATTN: Dave Langley** or email to: **w4ydy@qsl.net**

For Sale:

Joe Alekxa, KQ4BN, SK, Estate.

1. Ten Tec Omni VI Plus Transceiver, \$1500, Power Supply PS 960, \$150, Ten Tec desk mike, \$40, all for \$1650. Offers considered

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

For Sale:

Mosley TA-33 HF Beam. 10, 15, 20 and 40 meters. 3 elements with 40 meter extension. Reduced to a bargain \$150.

Wayne, WD4JPQ, 756-7719

For Sale:

Mosley Classic 33 \$100. The center part of the reflector was bent in hurricane Floyd. I worked on it and got it as straight as I could.

Bill Dawson, WA4SLC, 946-4760 or dawsonw@mail.ecu.edu).

LeMoine's on TV

Dave LeMoine, KV4CN, and his sons Tod, KG4CCX, and Scott, KG4PZQ, were featured on WNCT-TV News in early May talking about Amateur Radio and its functions on emergency communications and weather spotting.

The announcer commented, "When severe weather hits home, these weather watchers are often a first line of communication." "It's what amateur radio is about, service," said Tod. The announcer replied, "And they're standing by, ready to report whatever's on the horizon."

It was a very good presentation on the 11 PM news.

Commercial Ad Rates

1/8 page, Business Card Size

\$10 per Month - \$100 per Year

Send ads to: **Ham Chatter, PO Box 8387, Greenville, NC 27835**

ATTN: Dave Langley or email **w4ydy@qsl.net**

Help support *Ham Chatter*. **Donations accepted!**

NETS

VHF

- ◆ BARC Net, Mondays, 2000 on 147.09 MHz, W4GDF Repeater.
- ◆ Pitt County Emergency Communications Net, Mondays, 2100 on 147.09 MHz. (131.8 Hz Tone)
- ◆ Kinston Amateur Radio Society Net, 1,3,4 Tuesdays, 2000 hrs. on 145.47 MHz., W4OIX repeater in Kinston.
- ◆ Eastern North Carolina Traffic Net, Every night, 2030 on 146.685 MHz.
- ◆ Wilson Amateur Radio Club Net, Monday 2030 on 146.76 MHz.
- ◆ Piedmont Coastal Traffic Net, Nightly 2030 on 146.88 MHz.
- ◆ Newport WFO SKYWARN Net, Tuesday, 2100 on 145.21 MHz
- ◆ Carteret County ARS (CCARS) Emergency Net, Tuesdays, 1930 on the Newport 145.45 (-) MHz.
- ◆ Coastal Emergency Linking Net, Wednesday, 2100 ET on Williamston 145.410 & 444.250, Columbia 146.835 & 443.300, Rocky Mount 147.120, Ahoskie 146.910, Franklin, VA 147.300, Farmville 145.270
- ◆ Beaufort County Emergency Communications Net, Thursday 2000 on 147.345 MHz. Preceded by Newsmen at 1930.

HF

- ◆ Tar Heel Emergency Communications Net on 3923 kHz Nightly 1930.

NTS CW Nets

- ◆ 3.695 2000 hours, slow speed (5-8 wpm) Carolinas Slow Net
- ◆ 3.573 1900 hours, high speed (20 wpm)
- ◆ 3.573 2200 hours, slow speed (12-14 wpm), South Carolina/North Carolina

BARC

CALENDAR OF EVENTS

June 10	Regular Meeting	Aug 2	<i>Ham Chatter Deadline</i>
June 14-15.....	ARRL VHF QSO Party	Aug 12	Regular Meeting
June 20	BARC VE Session	Aug 15	BARC VE Session
June 24	Board Meeting	Aug 26	Board Meeting
June 28	<i>Ham Chatter Deadline</i>	Aug 27	<i>Ham Chatter Deadline</i>
June 28-29.....	ARRL Field Day	Aug 30-31.....	Shelby Hamfest
July 8	Regular Meeting	Sep 9	Regular Meeting
July 12-13.....	IARU HF World Championship	Sep 13-14.....	ARRL VHF QSO Party
July 19	Cary Swapfest	Sep 27-28.....	CQ/RJ WW RTTY Contest
July 19-20.....	CQ WW VHF Contest	Sep 30.....	Board Meeting
July 29	Board Meeting		
			Regular Meeting - 2nd Tuesday @ 7:30 PM
			Board Meeting - Last Tuesday @ 7:30 PM

BARC 2 METER NET - MONDAY NIGHTS AT 8:00 PM - 147.09 W4GDF REPEATER - 131.8 Tone
 PCEC 2 METER NET - MONDAY NIGHTS AT 9:00 PM - 147.09 W4GDF REPEATER - 131.8 Tone
 BRIGHTLEAF AMATEUR RADIO CLUB STATIONS

W 4 A M C - W 1 V O A

Printing courtesy of Xerox



June 28-29

June 10
Next Meeting
June 2003

TO:



Greenville, NC 27835
PO Box 8387

Ham Chatter