

HAM CHRISTMAS



Volume 38 Issue 12

An Official BARC, W4AMC, Publication

December 2004

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Meet the Member - Terry Monday, KG4WEW

Terry's father, Ralph Monday, was K4ZYD but Terry did not try to get his license until a couple of years ago when John McCoy, K4KBB, told him about the Technician class being offered by BARC. He took the class, passed the Technician exam and received his call, KG4WEW. He later received his General license after passing the exam for that one.

Terry enjoys operating HF phone with his Swan 700CX transceiver. He can also be heard on VHF with his Icom IC-W32A HT.

He has been a regular attendee at club meeting and was just elected to the BARC Treasury position for 2005 replacing K4KBB. Now that's a good way to find new officers, recruit new hams and then turn the reigns over to them! Terry said he is willing to help others put up

antennas and climb towers. He has the safety equipment and he's ready to go.

Terry went to North Carolina State University and received a BS in Industrial Engineering in 1977. In 1985, he finished up the MBA at East Carolina University.

Originally from Claremont, NC, he and his wife Elizabeth now live in Greenville. They have two daughters, Caroline who is attending NCSU and Morgan, a Senior at Rose High School. Terry is a CPA at Monday & Monday, CPA's, PA and he works with his wife who is also a CPA.

The club is very happy to have Terry step in and accept the Treasury position. It really helps the club with more participation from members. Thanks Terry and we all look forward to the coming year with you looking after the club bank account! - W4YDY

Next Meeting December 14

The Brightleaf Amateur Radio Club will have its annual Christmas Party on December 14 at 7:00 PM at VFW Post Home 7032 at 1108 Mumford Road in Greenville.

The new 2005 officers will be presented. Awards will be awarded to Ham of the Year, OM of the Year, YL of the Year, New Ham of the Year and Elmer of the Year. Also certificates will be awarded to others that have contributed to BARC activities.

All members, families and guests are invited to attend.

The next board meeting is set for December 28 at 7:30 PM. The meeting is open to all members.



Terry Monday, KG4WEW

BARC Christmas and Awards Party

Are you feeling the Christmas Rush? Is your tinsel in a tangle? Relax with your Brightleaf Amateur Radio Club Family on Tuesday evening, December 14 with a potluck dinner Christmas and Awards Party. You, your families and friends are invited.

Dinner will be at 7:00 pm. Come early and please bring a dish to share (with a serving utensil). Drinks and tableware will be provided. After dinner will be our traditional awards ceremony. This is a wonderful time for us to enjoy our Ham Radio Friends. See you there!!! - Bonnie, KG4CZW

BARC Officers for 2005

The following members were elected at the November meeting to lead the club in 2005. They are:

President; Mike Langley, KD4MTT (I)
First VP; Byron Highland, K4BMH (I)
Second VP; Dan Drake, KG4ISO (I)
Secretary; Richard Cox, KI4CRD
Treasurer; Terry Monday, KI4WEW
Director; John McCoy, K4KBB
Director; Taylor Millar, W4WTM

Congratulations to all and thanks for an outstanding job to those that served in 2004.

President's Corner - Mike KD4MTT

We are in the midst of the holiday season and 2004 is quickly coming to a close. I would like to take this opportunity to say thank you to all of the people that helped to make it a great year.

Did you ever stop to wonder why clubs such as BARC exist? What drives people to devote time from their busy lives to amateur radio and local clubs?

I know that there are probably as many reasons for being a ham as there are models of radios, and that's a bunch. It is a hobby that spans time and technology using everything from the "archaic" CW to high tech satellites orbiting the earth. Why, we even bounce signals off the moon

just to add variety.

I think one of the reasons that the Brightleaf Amateur Radio Club exists is because caring, talented people provide an environment that fosters the growth of a great hobby. Through participation in public service events like the Farmville Dogwood Festival, work with Scouting organizations, the Teddybear Walk, and Greenville's International Festival, hams get to "give back" a little to the community.

Many of our members also dedicate much of their time in support of ARES activities whenever the need arises. As expected, this year's hurricane

season provided opportunities to serve not only our immediate neighbors, but neighbors from Virginia to Florida. We'll hope that the winter weather season is kind to us, but if called, we will respond.

I look forward to seeing everyone at the holiday party on December 14th. I'm sure that there will be many tasty treats to sample as we bring 2004 to an end and begin preparing for the New Year. Don't forget to come a little early so you won't miss the "good stuff."

73's and Holiday Wishes

Mike, KD4MTT



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Happy Birthday

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

- 2 W2YBN John Mentha
- 2 W4ZRA Rick LaMonica
- 8 KG4ISP Kim-Hoa Drake
- 11 KG4CCX Tod LeMoine
- 12 KI4DEF Kevin Miller
- 13 KC4RBE June Highland
- 16 N8FF Ken Graf
- 21 KI4DCQ Jeff McLaughlin
- 21 N8OVD Jim Reeves
- 29 George Pollock

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

"Hamming it up" and great food!

Look what you're missing if you don't go to the Annual BARC Christmas Party.

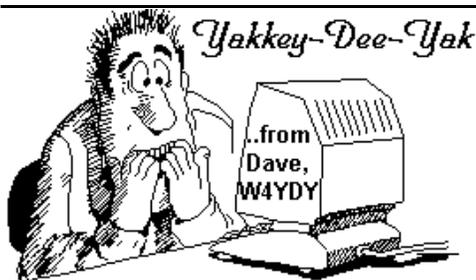
Well Wishes

Thoughts and Prayers go out to the following:

- Jeff Hardee, K4RJF
- Gail Manning, wife of Mac Manning, KD4AFL
- Bernice Turnage, WA4SLD



Please inform Bryon Highland, K4BMH, of any changes.



It's hard to believe that another year is almost gone. As usual, BARC has again been very active with Field Day and other projects. The officers of the club have done another outstanding job keeping interest up and members included in the activities. The club is sure to have another great year in 2005 and with the addition of a couple of new officers from those that have not been in Amateur Radio for a long time, the club is sure to benefit from their experiences.

Everyone be sure to come out to the BARC Christmas party in December. If you haven't been, you are missing a good time. It's really a good chance to socialize with the families and see the annual awards passed out. Everyone really enjoys the great food. Potluck is the best!

I was about to think that Greenville had moved to Benson on hamfest day! I think I saw at least ten to fifteen club members there, all looking for a bargain. Looks like one or two got bargains from what I heard later. I remember some folks I saw from the club or Greenville area, WA4MOK, K4KBB, WA4SLC, KG4WEW, KG4WEZ, KG4ZVM, K4ROK, W4EHF, N8FF, KE4TZN, KD4MTT, K4MHM, KG4OXD, AF4QY and W4UEF. There may have been others that slipped my "mind" or I did not see. I also visited with many old friends, some that I first contacted on the radio back in 1953 while I was still in high school.

I enjoyed chatting with Robert, NC4ME, (Tarheel Antennas) and Ray, WA4OMM, (Rosewood Company). As most know Robert makes the great Tarheel Antennas and Ray sells Amateur Ra-

dio books and CD's and also deals with some used Amateur Radio equipment.

Also enjoyed seeing some of the fellows that I talk to regularly on 75 and 160 meters. Some of those that I saw were N4GTJ, Siler City: AB4QB, Lenoir; KF4FMX, Pittsboro (my cousin), K4WIX, Lizard Lick, and K4ULV, Amelia, VA. Also I was very glad to see Stuart, K4QDQ, and his brother Raymond, W4GXT from Raleigh. We use to have some good experiences in the late 1950's. I gave Stuart his Amateur Radio license exam in 1957 or 58 and we were surprised he got K4QDQ. When we were on the air together, it was W4 Yakkey-Dee-Yak and K4 Quackey-Dee-Quack! Also I saw my daughter, WA4AKB, and I told her I was looking forward to a big Thanksgiving dinner at her house in a few days! She said she had the 'bird' ready to go! (The dinner was goooood!!!!)

As you can see, what I enjoy mostly about hamfests is seeing the many friends that I have made over the years due to Amateur Radio. I have moved

several times in my career and I have always been able to get on the air and before long, make new friends in the new area. I think Amateur Radio has a big advantage in that area.

I understand that the ham store from Wilmington was selling out and the Benson Hamfest was their last day. Some picked up some bargains or 'almost bargains'. Looks like KG4WEZ picked up a bargain in a new Kenwood transceiver. Who else out there got a bargain at the hamfest? Not me. I just bought some ARRL log books and a couple of hundred feet of rope. Hope to get that 30 meter antenna up soon since I have all the parts now.

The DownEast Hamfest at Kinston will probably be the next one I get to and then a few weeks later, over to Raleigh for their annual hamfest at the NC State Fairgrounds. Get ready to mark those on your calendar.

I hope everyone has a Merry Christmas and a very Happy New Year.-
W4YDY

Society marks 100th anniversary of electronics

The AVS Science & Technology Society this week marked the 100th anniversary of electronics during its 51st International Symposium and Exhibition through November 14-19 in Anaheim, California. The Society considers November 16, 1904, the start of the electronic age. On that date, British scientist John Ambrose Fleming applied for a British patent for his invention of the first practical electronic device--the thermionic diode, also known as the "Fleming valve." Fleming discovered that his simple vacuum tube, containing only two electrodes--a cathode and a plate--could convert alternating current to direct current. His later research with the thermionic valve was important to the development of radio. A special AVS

symposium session November 16 celebrated Fleming's seminal invention and the subsequent evolution of electronic components based on vacuum devices.--submitted by William Ricker, N1VUX - via ARRL



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HF propagation fizzles, 6 meters explodes

As HF radio conditions drifted in the doldrums over the past week, the Space Environment Center (SEC) <<http://www.sec.noaa.gov/SWN/index.html>> reports that geomagnetic storm activity spiked into the "extreme" (G5) category November 9. A result of disturbances in Earth's geomagnetic field caused by gusts of "solar wind" blowing past the planet, geomagnetic storms adversely affected HF radio propagation during much of the week and even resulted in limited radio blackouts. The SEC estimates that G5-scale geomagnetic conditions will occur on just four days of each 11-year solar cycle. Things calmed to "minor" (G1) by week's end, and the near-term prediction was for geomagnetic storm activity to

dwindle. Even at the G1 level, geomagnetic activity can cause weak power grid fluctuations, possibly affect satellite operations and still generate aurora at higher latitudes.

At the same time, HFers were suffering, however, VHF enthusiasts were exulting in the propagation of the space weather generated on 6 meters. Chip Margelli, K7JA, in California says that as ARRL November Sweepstakes (CW) was coming to a close, many HF signals exhibited auroral characteristics. Six meters, however, was becoming a hotbed of DX. Early on November 8 (UTC), he says, KH6SX reported on the 50 MHz Propagation Logger <<http://www.dxworld.com/50prop.html>> that he

was hearing the K6FV beacon.

"I quickly rotated my beam in his direction, and with one call I had him in the log," Margelli reported. "His signal was full of rapid aurora flutter, which is astounding for a path to Hawaii!"

Margelli says the opening later shifted to the west and north, and additional stations were able to add Hawaii to their 6 meter WAS list. A path then opened between Hawaii and Alaska (BP51) and ultimately between Hawaii and Japan.

The recent space weather conditions resulted in auroral displays visible as far south as the Middle Atlantic states. - *excerpts via ARRL Letter Online 11/12/04*

Next VE Session

The next Brightleaf Amateur Radio Club VE session will be held on **December 17**. 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.

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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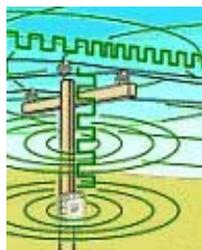
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ARRL disappointed with administration over BPL Report and Order



The ARRL has expressed its disappointment with the Bush administration's failure "to prevent radio spectrum pollution by BPL systems." In a November 1 letter to Secretary of Commerce Donald L. Evans copied to President George W. Bush, ARRL President Jim Haynie, W5JBP, recalled Evans' assurances on the administration's behalf earlier this year "that we are responsible and sensitive to valuable incumbent [radiocommunication] systems." Haynie told Evans the FCC's BPL Report and Order (R&O) in ET Docket 04-37--adopted October 14 and released two weeks later--suggests otherwise.

"Despite excellent work conducted by the technical staff of your National Telecommunications and Information Administration (NTIA) to document the extensive harmful interference that will occur if BPL systems are deployed at the radiated emission limits presently permitted by the FCC rules," Haynie said, "it appears that the NTIA concurred in the FCC's decision not to tighten those limits."

The FCC maintains that BPL emissions are localized and at low enough levels to preclude harmful interference in the first place, and it has left the door open to possibly upping the limit in the future.

Haynie pointed out that both international treaty and US law entitle licensed radiocommunication services to protection from harmful interference that unlicensed systems like BPL might generate. "Despite this," he continued, "the FCC has shifted the burden for initiating interference mitigation from the BPL system operator to the radio licensee." The NTIA's September 13 submission to the FCC shows that at FCC Part 15 limits, the probability of harmful interference is essentially 100 percent within 200 to 400 meters (approximately 660 to 1300 feet) of a power line carrying BPL signals--depending on the operating frequency.

"Amateur Radio stations are typically located in residential areas,

nearly always well within such distances," Haynie noted. "The FCC's Report and Order provides no assurance that when interference occurs--as it unquestionably will--it will be promptly eliminated."

As part of the Commerce Department, the NTIA not only administers radio spectrum allocated to federal government users but advises the White House on telecommunications policy. On June 24, President Bush extolled BPL during a speech on technological innovation even while acknowledging interference concerns.

Haynie said the League will continue efforts to improve the R&O. Calling the HF spectrum "a unique and priceless resource," the ARRL president expressed regret that the administration "is willing to squander such a unique natural resource in order to provide a short-range broadband connection that can easily be provided by several other non-polluting means."

ARRL CEO David Sumner, K1ZZ, echoed Haynie's concerns. The FCC R&O, he said, "shifts the burden to licensed operators to react to interference rather than adopting rules to prevent interference from occurring." The R&O advises locating "sensitive receiver antennas" as far as practically possible from power lines. Additionally, the FCC admonished ARRL that in cases where its members experience RF noise, "such noise can often be avoided by carefully locating their antennas."

Reacted Sumner: "If a BPL system operator wants to meet its obligation by picking up all of the costs of relocating a licensee's antenna, it's free to make the offer."

If interference occurs, the new Part 15 rules will require BPL system operators to employ "interference avoidance techniques" such as "frequency band selection, notching, or judicious device placement." Notches would have to be at least 20 dB--slightly more than 3 S units--below applicable Part 15 limits on HF and at least 10 dB below Part 15 limits on VHF--not much protection for weaker signals common in HF work.

"We might be more optimistic if

there had, to date, been a single instance when the FCC had ordered a BPL system to terminate operation for causing harmful interference," Sumner said. "The Commission continues to be in denial, despite hundreds of pages of documentation of ongoing interference."

Sumner said the ARRL was gratified that the FCC R&O recognized that BPL devices have significantly greater interference potential than other Part 15 devices and that the Commission will require certification of BPL systems rather than the less-stringent verification. Additionally, Sumner said, the League was pleased that the FCC-mandated public BPL system database will require systems to be listed several weeks ahead of actual implementation so that amateurs and others have advance notice.

ARRL officials continue to mull possible formal responses to the R&O. The ARRL Executive Committee already has okayed the filing of a Petition for Reconsideration. It further authorized ARRL General Counsel Chris Imlay, W3KD, to "prepare to pursue other available remedies as to procedural and substantive defects" in the BPL proceeding.

For more information on BPL, visit the Broadband Over Power Line (BPL) and Amateur Radio Web page <<http://www.arrl.org/bpl>>. - via ARRL Letter Online 11/5/04

Annual Dues are Due January 1

Regular Member	\$20.00
Family Member	\$2.00
Associate Member (Non-Licensed)	\$5.00
Honorary Member	\$0.00
New Hams: 18 and younger	
(1 st year)	\$5.00
New Hams: 19 and older	
(1 st year)	\$10.00

Please mail your dues, along with member application form to: **Brightleaf Amateur Radio Club, P.O. Box 8387, Greenville, NC 27835**

Those that have not paid by the last weekend in March will be dropped from the roster to be printed in April. Also, *Ham Chatter* will be discontinued and email notifications will cease.

BARC Monthly Minutes - November 2004

BARC Monthly Meeting 11-09-2004
VFW Hall - Mumford Road

Mike Langley, KD4MTT, Club President, welcomed everyone to the meeting. He asked us to introduce ourselves giving our name, call letters, and town. The book was passed around for all to sign in. Mike reported that call sign updates might be slow coming back due to software computer problems.

The club meeting minutes from the last meeting were approved.

SECRETARY'S REPORT: Taylor, W4WTM, reported receiving the newsletters from both the Greensboro and Kinston clubs. He also mentioned the rebate check from Food Lion Stores, and the importance for members to register with them for the club to get a bigger rebate.

TREASURER'S REPORT: John, K4KBB, reported a good 50/50 amount going to the bank. He also reported on expenses and income for the month flat with no other activity. He gave total balances on hand in the bank account.

HEALTH AND WELFARE: Byron, K4BMH, asked Pat, KG4NSC, to report on Jeff Hardee who is still at Life Care in Rocky Mount and doing good. He was expecting to be released before Thanksgiving.

PUBLICITY: Pat, KG4NSC, reported that the fliers were on the table about signing up for the Food Lion rebate program.

TECHNICIAN CLASS: Bob reported now having three students who are meeting at his home. He has gotten the course material in from ARRL, and he is happy with it.

EMERGENCY COMMUNICATIONS: Bernie, WA4MOK, reported on the state wide SET held on Saturday, October 30th. Each area came up with their own simulated emergency. Bernie also mention an upcoming meeting in Columbia of Areas 1& 2, plus another Raleigh meeting for Emergency Managers. Dec. 7th at 7:30 PM will be a Winter Weather Shop on Tarheel Net and other repeaters which will last about an hour. Also a power point presentation will be e-mailed out so you can follow along with the program on the net. Dave Pulver told about the 4 hour SET in Pitt County. Doug, K4ROK, mentioned that special plans were now being made for Special Olympics to be held in Greenville on March 18, 19, and 20th. It was announced that Net Control Operators are needed for the Monday night nets. Also needed was for everyone to check in on the nets.

HAM CHATTER: Dave Langley, W4YDY, reported that the deadline for the December issue is 4 days earlier than usual and will need all Ham Chatter information as soon as possible.

VE SESSIONS: Tom Parsons, W4TEP, announced the date for the next VE Session as Friday, Dec. 17th, and it will be held at St. Peters School on 5th Street as usual.

NEW BUSINESS: Dan, KG4ISO, reported on the future North Pole Network to be held for the children at the hospital. Approval was given, but we can have less than 5 people at a time participating. Dan offered to organize this program. Our Dec. 14th meeting will be our Christmas Party at 6:30. Everyone can bring a covered dish with serving utensils and desserts.

ELECTION OF OFFICERS: Officers for the coming year were elected, and ballots were passed out for peer elections. Officers elected for next year are Mike Langley for President, Byron Highland for VP, Dan Drake for 2nd VP, Richard Cox for Secretary, Terry Monday for Treasurer, John McCoy and Taylor Millar for Board Members.

EQUIPMENT: Mike mentioned a list of equipment needs for the club. After much discussion the club voted to purchase these items.

TONIGHT'S PROGRAM: John McCoy gave a power point presentation based on one of his recent trips, and Peter Van Houten showed us photos he took at a recent air show.

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

Respectively submitted by

Taylor Millar, W4WTM

FCC approves first software defined radio

The FCC announced November 19 that it has approved, for the first time, use of a software defined radio (SDR) device in the US. This new class of equipment allows users to share limited spectrum, increases flexibility and reduces interference concerns. "This is the first step in what may prove to be a radio technology revolution," said FCC Chairman Michael K. Powell. "The industry's pioneering work to find more creative and efficient use of our airwaves will

continue to bring benefits to consumers." The Laboratory Division of the Commission's Office of Engineering and Technology issued a Grant of Certification to Vanu Inc, a software development company, for a cellular base station transmitter. SDRs can change frequency range, mode or output power without resorting to hardware changes or switches. This programmable capacity permits radios to be highly adaptable to changing needs, protocols and environments. The FCC says Vanu has demonstrated that its device complies with the Commission's rules and has shown that its software has

sufficient controls that the device cannot be modified to operate outside its Commission-approved parameters. An FCC rule making proceeding, ET Docket 03-108, is pending to further streamline SDR requirements, and the Commission is working with each applicant on a case-by-case basis to facilitate compliance with current rules. The ARRL has told the FCC that Amateur Radio "is a fertile testing ground" for SDR technology and that the technology would be especially valuable to facilitate disaster communications. - Via ARRL 11/19/04

FCC fines CB operator-Amateur licensee, CB Shop



The FCC has imposed large fines on a Washington CB operator who now holds a Technician class amateur license and on an Ohio CB shop that's run by an apparent amateur licensee. In an October 18 Forfeiture Order (NOF), the Commission levied a \$10,000 fine on Robert A. Spiry, now KD7TRB, of Tacoma, for unauthorized operation on 11 meters that also involved the use of uncertificated equipment and the use of an illegal external RF power amplifier. The alleged violations occurred in 2002.

Following up on "numerous complaints of interference to home electronics equipment" from CB transmissions, agents from the FCC's Seattle Field Office tracked the interfering transmissions to Spiry's home and vehicle. "The agent observed signal levels that appeared to be significantly higher than those expected from a legal CB transmitter," the FCC said in a subsequent Notice of Apparent Liability (NAL).

The FCC says its agents conducted inspections of Spiry's station in April and November 2002 and determined that Spiry was operating uncertificated transmitters and using a linear amplifier attached to his CB transmitter in violation of Part 95 rules. The FCC said it advised Spiry that his use of unauthorized and non-certified equipment voided his blanket authority to operate his CB station, but he continued to operate anyway.

The Commission said that when Spiry responded to the December 2002 NAL, he did not dispute the facts as the FCC had presented them. But, Spiry told the FCC that he had given up CB, removed his CB antenna and obtained an Amateur Radio license. Spiry's ham ticket was granted December 2, 2002.

Spiry also said he didn't realize that the fine for such violations could be so high and that he is unable to pay it. The Commission says Spiry presented no evidence to back up that claim, however, and it's not persuaded that Spiry's "remedial efforts" warrant any reduction in the fine.

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: Old but working TS-520 & FT-101. Sell or trade for middle aged computer stuff. David Gaytko, WD4KPD, 252-946-6393

For Sale: Icom IC-745 Price \$400 negotiable. Bill Dawson, WA4SLC, 946-4760 or dawsonw@mail.ecu.edu.

In an unrelated case, the Commission issued an NOF October 21, fining Paladen Communications Inc, of North Jackson, Ohio, \$7000 for "willfully and repeatedly" selling illegal CB external RF power amplifiers.

During a July 2003 visit to Paladen, agents from the FCC's Detroit office reported observing a Palomar CB linear on sale for \$250. The agents informed Arthur L. Dunderf, now apparently KC8ZQI, and Preston L. Dunderf, now apparently KC8ZKE, of Paladen, that CB linears could not be legally sold and, in October 2003, issued a Citation informing Paladen of the violations and penalties that could result. Both men obtained Technician tickets in April 2004.

In a response, Paladen proprietor Preston Dunderf told the FCC that Paladen was unaware it was violating marketing rules and would not violate them in the future. But last January, the Detroit Office received a complaint that Paladen was continuing to sell CB linears. An agent who followed up on the report was offered a Palomar 100 W linear amplifier for \$124.

The FCC says Paladen did not respond to a May 2004 NAL alleging willful and repeated violation of the Communications Act and §2.815 of its rules. As a result, the Commission affirmed the forfeiture based on the information before it.

The FCC gave Spiry and Paladen Communications 30 days to pay the fines. - via ARRL Letter Online 11/5/04

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ATTN: Dave Langley or email w4ydy@qsl.net

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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

NC ARES Internet

<http://www.ncarrl.org/ares/>

BARC

CALENDAR OF EVENTS

Dec 11-12..... ARRL 10 Meter Contest
 Dec 14..... **Christmas & Awards Party**
 Dec 17..... VE Session
 Dec 28..... **Board Meeting**
 Jan 1..... **Ham Chatter Deadline**
 Jan 4-5..... ARRL RTTY Roundup
 Jan 11..... **Regular Meeting**
 Jan 25..... **Board Meeting**
 Jan 29-30..... CQ WW CW 160M Contest
 Jan 29-30..... ARRL VHF Sweepstakes

Jan 29..... **Ham Chatter Deadline**
 Feb 8..... **Regular Meeting**
 Feb 12-13..... CQ WPX RTTY Contest
 Feb 19-20..... ARRL CW DX Contest
 Feb 22..... **Board Meeting**
 Feb 26..... **Ham Chatter Deadline**
 Feb 26-27..... CQ WW SSB 160M Contest
 Mar 6..... DownEast Hamfest, Kinston
 Apr 17..... RARSFest, Raleigh

Regular Meeting - 2nd Tuesday @ 7:30 PM
Board Meeting - Last Tuesday @ 7:30 PM

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

W 4 A M C - W I V O A

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Christmas Party!
December 14

December 2004

To:



PO Box 8387
 Greenville, NC 27835

Ham Chatter