

HAM CHATTER



Amateur Radio
"only fail-safe system"
of communication

K4ZDH



Volume 50 Issue 9

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September 2016

Editor, Joe Jeansonne, WB4JOE

Email: hamchatter @ w4amc.com

Bill Finch, Jr., AI4TN, SK

William Curtis Finch, Jr., 72, (AI4TN) of Greenville, NC, passed away Friday, August, 12, 2016 after a long and courageous battle with leukemia at Vidant Medical Center. He was born on June 15, 1944 in Tupelo, Mississippi.

He was preceded in death by his father, William Curtis Finch, and his mother, Elsie Floyd Finch of Fayetteville. He often conversed with his father on the air. Bill loved talking with his father over ham radio and once said, "The telephone makes it too easy, people don't know what they're missing."

He attended 71st High School in Fayetteville, NC and graduated from the University of North Carolina at Chapel Hill with a BS in Political Science in 1966 and immediately transitioned to the United States Navy serving on active duty honorably for four years until 1970. After the Navy he returned to UNC Chapel Hill and earned his Pharmacy degree in 1972.

Bill's interest in ham radio was ignited by a visit to the Dayton Hamfest and in 2002 he got his Technician's license. After some more studying and practicing Morse Code by mentally spelling out the words on street signs and anything else he saw, he got his General license in 2005.

Bill was an avid hiker and backpacker, spending up to a week with his cohorts, Herb Carlton and Jeff Strickland, on the Appalachian Trail almost annually. Bill also often used a Yaesu VX7 handheld that he hooked to a J-pole antenna while he was

backpacking. Bill had hiked about 400 miles of the Appalachian Trail along with other backpacking adventures and he had said having a radio along had added a whole other dimension to his trips. For countless years he helped his sons, Matthew and Jeffrey, as they participated in Boy Scouts. He also had a love for dogs, evident in the way that he adored his last three, Parker, Jazz, and Ikea.

Upon retirement, he and Ellen made numerous trips to the National Parks where he pursued his love of photography and the outdoors. Bill was a member of the First Presbyterian Church and a lifetime member of the UNC Chapel Hill Alumni Association. He shared a passion for amateur radio with his father (W4EHF), both active members of the Brightleaf Amateur Radio Club, and advanced level radio operators. Bill also loved Carolina basketball.

His pharmacy career included REVCO/ CVS in Durham, Lumberton, and Greenville, other locations were Wayne Memorial Hospital in Goldsboro, Pitt County Memorial Hospital in Greenville, Neil Medical in Kinston, and the Brody School Of Medicine Pharmacy at East Carolina University in Greenville.

He is survived by his wife of 30 years, Ellen Lashmit Finch of Greenville; his children, Jennifer Finch Privott and husband, Keith, of Edenton, Kimberly Finch O'Rourke and husband, Zack, of Wilmington, Matthew William McGowan of Greenville, and CPT Jeffrey Mark McGowan and wife, Jacqueline, of Killeen, TX; and his grandchildren, Dare Privott, Emerson Privott, Finn O'Rourke, Emma Rose O'Rourke, and Jeffrey Mark McGowan, Jr (JJ).

Next Meeting Sept 13, 2016

The Brightleaf Amateur Radio Club will have its next meeting on Tuesday, **September 13** at 7:30 PM at VFW Post Home 7032 on 1108 Mumford Road in Greenville. The program by **Tim Parkin, Batteries + Bulbs**, Greenville Store Manager. His subject is "A new Era of Innovation for Lighting and Batteries." Tim always has a great program of interest to everyone.

All members, families and guests are invited to attend.



Bill Finch, Jr.—AI4TN SK

BARC Board Meeting

The next board meeting will be Tuesday, Sept 27th at 7:30 PM at the Offices of Monday & Monday, (CPA), Suite D, East Victoria Court. All members invited.

Save the Date

THE CHILDREN OF
LINDA LANGLEY WESBROOK
AND
WILLIAM BERNARD NOBLES
WA4MOK

INVITE YOU TO THE WEDDING CEREMONY OF THEIR PARENTS
SATURDAY OCTOBER FIFTEENTH
TWO O'CLOCK IN THE AFTERNOON
ST JOSEPH U. M. CHURCH
200 WEST CHURCH ST
PIKEVILLE, NC
REQUEST NO GIFTS
CASUAL ATTIRE
RECEPTION FOLLOWS
AT SAME ADDRESS

Next VE Session

The next Brightleaf Amateur Radio Club VE session will be held **Tuesday, Oct 18, 2016** at the VFW Post Home 7032 on 1108 Mumford Road and will start promptly at 6:30 PM. Email VE Liaison at [ve @ w4amc.com](mailto:ve@w4amc.com). Walk-ins welcome.

Please bring the following **required**:

- ◆ **Photo ID** (drivers license)
- ◆ **Original** Amateur Radio License
- ◆ **Copy** of Amateur Radio License
- ◆ **Original** CSCE's
- ◆ **Copy** of CSCE
- ◆ Test fee is \$15.00 .
- ◆ Proof of Tech Plus if before 3/21/87 and doing paper upgrade to General.
- ◆ SS Number will be needed if you don't have an FRN number. *

* **More info** at <http://www.w4amc.com/barcinfo.html#VE>.

NC ARES Internet

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

Pitt County ARES
EC needed!



*Happy
Birthday*

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

01	KG4NSC	Pat Williams
05	KQ2V	Br. Simon Jaworski
06	KD4MTT	Mike Langley
07	KG4ZVM	Brad Brechtelsbauer
08	N4JNC	Joseph Swigert
14	WA4DAN	Murray Adams
20	W4FA	John Schultz
24	ex-W4OZV	Hassell Bailey
26	KC4HHW	Billy Elks
29	WA7FXB	Al Sanchez
29	KC3X	Hollis Thigpen

Well Wishes

Thoughts and Prayers go out to the following:

Charlie Wells, K4SKI

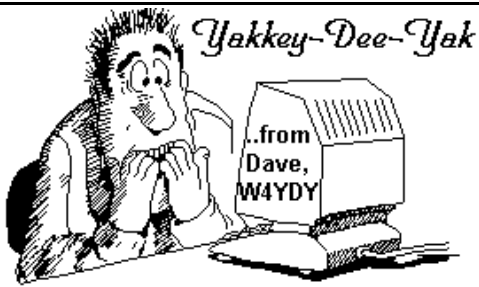
Please inform Gerry Clayton, K4IDD, gclayton4 @ suddenlink.net of any changes.



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2016 Officers

At the September meeting, the 2016 BARC Officers will be nominated. All positions have not had any nominations yet. If you are interested, please let a club officer know. A special notice to the Amateur Radio operators that have not been licensed for very long: Step up and get active in the club. The club needs new ideas for continuing growth. It's also a way to learn more about Amateur Radio from all standpoints and to build up Amateur Radio friendships. In the past couple of years, two newer hams have stepped up to help the club, Joe Jeansonne, **WB4JOE**, took over as editor of Ham Chatter and Mike Monteith, **KM4OLT**, is the new web site editor. He is still working on the new look. Why can't some others volunteer to help the club by being an officer of the club? It does not take much time but you will gain much more from the hobby than just setting back and watch others. Some do come out for events and they always have a good time, especially on Field Day held in June.

New Technician Class

A class for the Technician class will be held on the five Saturdays in October. Let you family and friends know. The location has not been confirmed yet but on of two will be selected soon. A class for the General Class license may be held in

2017. Contact Terry Monday, **K4ZYD**, for the latest information.

ARES Trailer

Peter Van Houten, **KG4WEZ**, has been putting a lot of time and work on the ARES trailer. He had done a lot of painting of the trailer, inside and out, and rewiring the equipment connections. He has added a solar panel on top of the trailer and it will keep a battery charged up for the 12 volt radios. It will also have a generator for 120 volt service. It will be an Amateur Radio station on wheels covering all bands and voice, CW and digital when the modifications are completed. Plans are to take it to locations and events to demonstrate Amateur Radio to the public and especially young people to get them interested in the hobby.

New VE

LaSalle Boston, **KM4BNR**, is now a Volunteer Examiner. We look forward to seeing him at the BARC VE sessions. Congratulations LaSalle.

Future BARC programs

The September program will be by Tim Parkin, Batteries + Bulbs, Greenville Store Manager. His subject will be "A new Era of Innovation for Lighting and Batteries." He the battery guy! The October program will be by Robert Young, **NC4RY**, from Fuquay-Varina. Robert is the founder, designer and technical support for the screwdriver Tarheel Antennas. He's the an-

tenna guy! Hopefully in November we will have a program about emergency communications from the Pitt County director.

What do all the 1's and 0's below represent? Hint: Think about binary!

1001001
Dave, W4YDY

HAM HELPS

A	B	C	D	E	F	G
<small>DIT-DAH</small>	<small>DAH-DIT-DIT-DIT</small>	<small>DAH-DIT-DAH-DIT</small>	<small>DAH-DIT-DIT</small>	<small>DIT</small>	<small>DIT-DIT-DAH-DIT</small>	<small>DAH-DAH-DIT</small>
H	I	J	K	L	M	N
<small>DIT-DIT-DIT-DIT</small>	<small>DIT-DIT</small>	<small>DIT-DAH-DAH-DAH</small>	<small>DAH-DIT-DAH</small>	<small>DIT-DAH-DIT-DIT</small>	<small>DAH-DAH</small>	<small>DAH-DIT</small>
O	P	Q	R	S	T	
<small>DAH-DAH-DAH</small>	<small>DIT-DAH-DIT-DAH</small>	<small>DAH-DAH-DIT-DAH</small>	<small>DIT-DAH-DIT</small>	<small>DIT-DIT-DIT</small>	<small>DAH</small>	
U	V	W	X	Y	Z	
<small>DIT-DIT-DAH</small>	<small>DIT-DIT-DIT-DAH</small>	<small>DIT-DAH-DAH</small>	<small>DAH-DIT-DIT-DAH</small>	<small>DAH-DIT-DAH-DAH</small>	<small>DAH-DAH-DIT-DIT</small>	
1	2	3	4	5	6	
<small>DIT-DAH-DAH-DAH-DAH</small>	<small>DIT-DIT-DAH-DAH-DAH</small>	<small>DIT-DIT-DIT-DAH-DAH</small>	<small>DIT-DIT-DIT-DIT-DAH</small>	<small>DIT-DIT-DIT-DIT-DIT</small>	<small>DAH-DIT-DIT-DIT-DIT</small>	
7	8	9	0			
<small>DAH-DAH-DIT-DIT-DIT</small>	<small>DAH-DAH-DAH-DAH-DIT</small>	<small>DAH-DAH-DAH-DAH-DAH</small>	<small>DAH-DAH-DAH-DAH-DAH</small>			

Remade by Fattredd
<http://www.learnmorsecode.info/2010/12/a-cool-new-way-to-learn-morse-code/>

FCC Proposes Substantial Fine for Unlicensed Amateur Operation, False Police Call

A New York City man faces a fine of \$23,000 for operating on Amateur Radio frequencies without a license and for transmitting a false officer-in-distress call on a New York City Police Department (NYPD) radio channel. The FCC issued a Notice of Apparent Liability for Forfeiture (NAL) on August 31 to Daniel Delise of Astoria. It details a history of complaints and alleged illegal radio operation on Delise's part that dates back to 2012.

"The Commission previously warned Mr Delise that unlicensed operation of this station was illegal and that continued operation could result in further enforcement action," the FCC said in the NAL. "Mr Delise's deliberate disregard of the [Communications] Act and the Commission's warning warrants a significant penalty."

ARRL Hudson Division Director Mike Lisenco, N2YBB, credited the intervention earlier this year of New York Rep Peter King with getting the case "off the back burner and up to the front of the line." Lisenco and ARRL General Counsel Chris Imlay, W3KD, met with the Republican congressman in January to discuss ongoing interference issues in the Greater New York City/Long Island area. King subsequently wrote FCC Chairman Tom Wheeler to urge "timely and visible enforcement."

Lisenco also praised the direct involvement of FCC Enforcement Bureau Region 1 Director David C. Dombrowski "and his willingness to work with us and to use information we provided as poten-

tial leads," as well as "a system of grassroots reporting that depicted the current pattern of intentional interference with legitimate amateur communications on local repeaters," coordinated by Richie Cetron, K2KNB, an Official Observer and Assistant Hudson Division Director. Lisenco said FCC Special Counsel Laura Smith "has been a great help in keeping us informed and in the loop."

The FCC reported receiving "numerous complaints" that Delise was transmitting on different frequencies, issuing two official warnings in 2012. The Commission said complaints about Delise continued through 2013 and 2014, but, the FCC said, an investigating agent "was not able to confirm a rule violation." Still more complaints alleged that Delise was transmitting without authority on 461.225 MHz, a frequency licensed to NYC City Wide Disaster Services, the FCC recounted. In 2014, the FCC received 10 more complaints identifying Delise by name, plus another nine in 2015 and one more in 2016.

Last April, field agents monitoring in Delise's Astoria neighborhood detected a strong voice transmission on 147.96 MHz. They were able to track the signal to the building where Delise resided, and, ultimately, went to his apartment and confronted him.

The FCC said Delise admitted making the transmissions on 147.96 MHz and acknowledged that he did not have an Amateur Radio license. As a result, the FCC's New York Field office issued a Notice of Unlicensed Operation.

A couple of weeks later, the NYPD informed an FCC field agent that it had taken Delise into custody for "sending out false radio transmissions" over the NYPD radio system and for possessing radios capable of operating on NYPD frequencies, in violation of state law. According to the NYPD, a call had gone out reporting an officer in need, and the responding officer spotted Delise speaking into a radio. The police report said Delise admitted to making the transmission and that he told officers that he had more radios and would continue to transmit on police frequencies. Obtaining a warrant, the NYPD confiscated all radio transmitting equipment from Delise's apartment, including 14 radios capable of operating on NYPD frequencies.

The FCC concluded that Delise apparently transmitted without a license on Amateur Radio frequencies, even after being warned not to do so, and that he apparently transmitted false or fraudulent distress signals on NYPD frequencies. Both violations were "willful," the FCC said.

Delise could have faced a penalty of more than \$140,000, under the provisions of the Communications Act. The NAL gave Delise 30 days to pay the fine or to file a written statement seeking a reduction or cancellation of the proposed forfeiture. The FCC fine may not be at the top of Delise's list of worries, however. According to Lisenco, Delise now is serving prison time resulting from the false police call and his guilty pleas to other charges.

-via ARRL (<http://bit.ly/2c9nD7q>)

August 2016 BARC VE Session Results

On the August 16, 2016 BARC VE session, three candidates passed Amateur Radio exams.

Jonathon Collins, **KM4VDG**, Nashville, NC, passed Element 3 to upgrade to General Class license. Joe Frazier, **KM4WHZ**, Greenville, NC, and Jason Oliver, **KM4WHY**, Kinston, NC, passed the Technician exams and their new call signs were granted by the FCC

on August 26, 2016. BARC congratulates all for their accomplishment.

Also BARC welcomes Joe and Jason as new club members.

The VE's that attended were VE Liaison Dave Langley, **W4YDY**, Morris Lewis, **AK4MU**, Dan Wallace, **K4HMY**, and Gary Coriell, **KE5ACR**.

The next regular
BARC VE session is
scheduled for
October 18, 2016.

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: Joe Jean-sonne** or email to: hamchatter@w4amc.com(no spaces)


For Sale: Icom 7000, with a 7 inch video display, including box. \$875. Bernie, WA4MOK. Ph 252-531-4112 or wa4mok@embarqmail.com.

For Sale: Icom 756PROII including switching 30A power supply with cables. No mic. \$1090. Dave, W4YDY. Ph 252-341-1733 or w4ydy@arrrl.net

For Sale: Yaesu VR-5000 All Mode Communications Receiver. \$300. Covers 0.1 to 3000 MHz. Yaesu price was \$995. Contact Vern at Batteries Plus Bulbs for more info. 252-353-8143 or bp167@batteriesplus.net.

For Sale: Ten Tech Argonaut with P/S Call Scott Worley, KA4DMW, for details @ 252 752 67881405 Brownlea Dr., Greenville, NC 27858

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Greenville, NC
252 758-3309
Fax 252 758-1396

Mark Langley
Mike Langley
KD4MTT

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*with purchase of car/light truck battery on most vehicles at participating locations

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www.batteriesplus.com

Team USA Heads to World Amateur Radio Direction Finding Championships

Fifteen top US on-foot hidden transmitter hunters are packing their bags to join more than 400 other competitors from 39 nations taking part in the 18th World Amateur Radio Direction Finding (ARDF) Championships in the Black Sea resort of Albena, Bulgaria. Competitors are divided into six age categories for males and five for females, in accordance with International Amateur Radio Union (IARU) rules for ARDF competition. Team USA includes nine men and six women from six states. Ranging in age from 26 to 74, they won their places on the team by their excellent performances in the 2016 USA ARDF Championships in Texas and the 2015 USA ARDF Championships in Colorado.

"This is the 10th time that the US has fielded a team for the World Championships, which take place in even-numbered years in various countries," said ARRL ARDF Coordinator Joe Moell, K0OV.

"The last time that Bulgaria hosted was in 2006, when Team USA won its first World Championships medal." That year, Nadia Scharlau of North Carolina captured bronze in the 80 meter classic event, which

required her to find four transmitters scattered within 2700 acres of forest.

Competition in Bulgaria gets under way on August 30 with the 80 meter classic ARDF World Cup event, an optional competition for individuals. Five members of Team USA will participate. World Cup events over the next 3 days (2 meter classic, sprint and foxoring) serve as world-class training and an opportunity for individual medals.

World Cup competitors get a day of rest on Saturday, September 3, as the remaining World Championships participants arrive. The following day is devoted to foxoring, the first official World Championships event. Participants in all events seek medals both as individuals and as members of national teams, which are limited to three participants per age/gender category from each country.

The World Championships continue with the sprint on Monday, September 5, and classic events on Tuesday and Thursday; Wednesday is set aside as a free day and cultural tour, offering a break between the classics. Banquets and medal award ceremonies follow each day's competition,

and everyone goes home on Friday, September 9.

Moell said Team USA's best year to date was 2012 in central Serbia, when the US fielded 13 competitors. Six of them collected a total of 13 medals in the World Cup and World Championships that year. The latest information on how Team USA is faring in Bulgaria will be posted on Moell's "Homing In" website. Details on the 18th World Amateur Radio Direction Finding Championships are on the World ARDF Championships website.

The Bulgarian Federation of Radio Amateurs (BFRA) is hosting the event. The Bulgarian seaside has been the host of previous international ARDF competitions, and this year's event organizers say they have chosen new areas where ARDF competitions have not taken place in the past.

Visit the Homing In website of ARRL Amateur Radio Direction Finding Coordinator Joe Moell, K0OV, for more information on ARDF.

-via ARRL (<http://bit.ly/2c9p9q6>)

BARC Board Meeting Minutes—August 2016

The meeting was called to order by chair Jeff Meyer at 7:30 PM.

Present: Dave Langley W4YDY, Bernie Nobles WA4MOK, Jeff Meyer K4DKW, Terry Monday K4ZYD, John McCoy K4KBB, Gerry Clayton K4IDD, Pat Williams KG4NSC, Bob Hanrahan AF4QY, Peter Van Houten KG4WEZ.

New BARC Members identified were Joe Frazier KM4WHZ and Jason Oliver KM4WHY.

Nominating committee: The committee will meet in next two week and candidates will be introduced at the September 13 meeting.

Three large tubes from VOA have been given to us and we have been offered \$500/ tube from a company in NY. Jeff was instructed to pursue the sale.

ARES Trailer: Peter identified the need for a 6.5 kw generator and for AC power. The bench was uncomfortable with splinters, and it was sanded and painted. He found the BARC Amateur Radio demon-

stration banners and fixed them with ties. He repainted the back and put PVC pipes on it to support an open tarp roof (more comfortable with better air circulation). White paint on the roof led to a 40 degree temp drop in the sun. Black paint was used on the tongue and the antenna mast, and the mast was marked for HF bands. Holes in the trailer were weatherproofed. HF, VHF, and UHF multiplexers and switches were installed. Other features include left- and right- sided stations. Aircraft frequency, Coast Guard frequencies, Wifi using an antenna and a modern digital rig with built in software (no laptop needed) will be available. Five antennas were installed on the roof and labelled. An uninterruptible power supply will work with solar, a deep cycle battery, a generator and 110V AC for all rigs in the trailer. Power poles are needed, three new tires, including a spare, wheel bearings need servicing, maybe a 12V led system should be installed for lighting. Peter should be con-

gratulated for his hard work and expert refurbishing of the ARES trailer which hopefully will stimulate interest in the club. Liability insurance is needed on the trailer, perhaps an umbrella policy to cover those using and towing the trailer.

Need an Elmer program for training new licensees. The inability of many new licensees to get on the air was discussed.

Our interface with ARES, EOC, VIPER and MARS was discussed. Jeff wants to develop our outreach and education programs in parallel with an emergency communications presence until we are better established. Maybe we can get Pitt County EOC Chris Evert to present a program to the BARC membership.

Radio classes are scheduled to start on Oct (4 weeks) at the library or at Oakwood school if we can get it.

The meeting was adjourned at 9:30.

Respectfully submitted,
Bob Hanrahan AF4QY

Jamboree on the Air (JOTA) Stations Encouraged to Register and File Post-Event Reports

Scouting's Jamboree on the Air (JOTA) officials are asking JOTA 2016 participants not only to register for this year's event, but to follow up with a post-JOTA report. As an incentive, all stations filing reports will automatically be entered to win an Icom ID-51A hand-held transceiver. The 59th annual JOTA takes place October 14-16.

"Last year we had 400 stations register but only 200 stations file a report," said JOTA Coordinator Jim Wilson, K5ND. "We're going to improve that this year. Icom America and Ray Novak, N9JA, have stepped up to help us with a considerable incentive."

Wilson pointed out that only BSA stations will be eligible to win. "These prizes are for the station. It's up to you to determine who gets it or how you share it," he said. "Of course, everyone who files a report will receive the 2016 Jamboree on the Air Certificate."

More than 1 million Scouts in 150+ countries — at nearly 18,000 stations — are expected to take part in JOTA 2016, engaging with other Scouts to talk about Amateur Radio and their Scouting experiences. "JOTA is about conversations across town and around the world, rather than about contacts," Wilson said.

The JOTA reporting system will open right after JOTA weekend; reports are due on November 1, with the prize drawing held that week. "Designate someone on your team to collect the information needed for your report," Wilson recommended, pointing to

a list of "best practices" to ensure a report that "truly captures your event."

JOTA Guidelines for Amateur Radio Operators are available online. Among other advice, the operating guide points out that US Scouts may speak directly with Scouts in other countries as long as a third-party agreement exists between that country and the US. A Scout station spotting cluster also will be available this year, to show who's on the air and where. Dave Edwards, KD2E, and Andy O'Brien, K3UK, have developed a Scout scheduling page for teams to post their frequencies.

JOTA stations have been asked to avoid other operating activities taking place over the October 14-16 weekend, including the Worked All Germany contest-free zones. Four state QSO parties also take place over JOTA weekend — Illinois, Iowa, New York, and South Dakota.

Wilson also asked for the cooperation of contesters. "As you participate in these or other contests that weekend, please keep in mind that Scouts will be on the air at the same time," Wilson advised competitors. "For most, this will be their first experience with Amateur Radio. Please be courteous and where possible provide some contest free space around their ongoing QSOs near the Scouting frequencies. After all, they are the next generation of ham operators — or not."

-via ARRL (<http://bit.ly/2c9p7i5>)

NETS VHF/UHF

- ◆ BARC Net, Mondays, 2000 on 147.09 MHz, W4GDF Repeater.
- ◆ Newport SkyWarn Tues. nights 2100E Grifton-146.685-88.5 tone Newport-145.450.....
IRLP 8561 links to Columbia Jacksonville-147.000- 88.5 tone Oriental-147.210-151.4 tone 444 Newport-444.825- 88.5 tone Swansboro-146.760- 88.5 tone
- ◆ Grantsboro-145 230 - 85.4 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, Thursdays @ 2000 on 146.76 MHz.
- ◆ Piedmont Coastal Traffic Net, Nightly 2030 on 146.88 MHz.
- ◆ Carteret County ARS (CCARS) Emergency Net, Tuesdays, 1930 on the Newport 145.45 (-) MHz.
- ◆ Coastal Emergency Linking Net, Wednesday, 2100 ET on Ahoskie 145.13, Buxton 145.15, Columbia 146.835 & 443.30, Elizabeth City 146.655, Greenville, 145.35, Hertford 147.33, Williamston 145.41 & 444.25

HF

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

NTS CW Nets

- ◆ 3.571 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

Greenville repeaters
147.09/69 - 145.35/144.75
444.8/449.8
All use 131.8 tone

BARC CALENDAR OF EVENTS

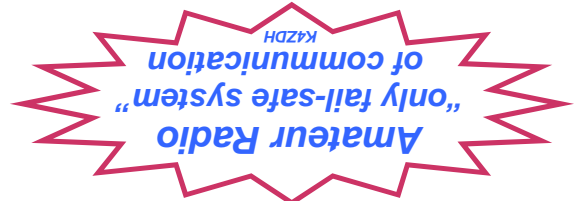
Sep 13 Regular Meeting
 Sep 24/25 CW WW RTTY DX Contest
 Sep 26 Board Meeting
 Oct 9 Maysville Hamfest
 Oct 11 Regular Meeting
 Oct 18 VE Exam
 Oct 25 Board Meeting
 Oct 29/30 CQ WW SSB DX Contest
 Nov 5/6ARRL CW Sweepstakes
 Nov 8Regular Meeting
 Nov 19/20ARRL SSB Sweepstakes
 Nov 26/27CQ WW CW DX Contest
 Nov 29Board Meeting
 Dec 3-4ARRL 160 Meter Contest
 Dec 10-11ARRL 10 Meter Contest
Dec 13BARC Christmas Party

Dec 20VE Exam
 Dec 27Board Meeting

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

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

W I V O A - W 4 A M C - W 4 U H S



**SEPT 2016
 Next Meeting
 Sept 13, 2016**

To:



Ham Chatter
 Brightleaf Amateur Radio Club
 PO Box 8387
 Greenville, NC 27835