



Ham Chatter



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



Volume 50 Issue 7

An Official BARC, W4AMC, Publication

July 2016

Editor, Joe Jeansonne, WB4JOE

Email: hamchatter @ w4amc.com

Steve Horne, II, KB5B, SK



Steve Horne

Steve Horne, II, **KB5B**, passed away June 28, 2016, Tuesday morning at 2:30 AM. The Brightleaf Amateur Radio Club extends its condolences to his wife, Carolyn, and his family.

Steve was the Liaison Volunteer Examiner (VE) for BARC. He had only had his license for a few years but wanted to give back to Amateur Radio. When a new Liaison VE was needed he stepped up and did an outstanding job.

The following is excerpts from the Wilkerson Funeral Home web site on 6/29/16.

A memorial service was held on Thursday at 4 pm in the Wilkerson Funeral Chapel.

Mr. Horne, a native of Rocky Mount, lived in Greenville since 1969. A Veteran of the United States Army having served in Vietnam in the 509th RRG

Tay Ninh, 25th ARVN Division. He was a graduate of East Carolina University with a BS in History, and obtained his Juris Doctorate from the University of South Carolina. Mr. Horne held a law license in North Carolina and South

Carolina and practiced law in Greenville with the law firm of Horne and Horne PLLC for 40 years. He enjoyed being a ham radio operator with the call sign KB5B. He was a member of the Greenville Masonic Lodge # 284 A.F. and A.M. and was a Past Master.

He is preceded in death by his father, Dr. Stephen F. Horne and a sister, Barbara Knight and Marion Horne. He is survived by his: wife, Dr. Carolyn E. Horne; daughters, Michelle Tait of Roanoke, VA, Jensen Horne of Raleigh, and Christina Horne of Greenville; sons, Stephen F. Horne III and wife, Allie, and Barton Horne and wife, Melanie all of Greenville; grandchildren, Conner Tait, Ethan Tait, Tyler Horne and Brandon Horne; mother, Lucy Horne; sister, Laura Horne of Rocky Mount.

The family received friends on Wednesday from 6 - 8 pm at Wilkerson Funeral Home.

Memorials may be made to East Carolina University Educational Foundation, Inc., (Football), Ward Sports Medicine, Bldg., Suite 304, Greenville, NC 27858 or Military Mission in Action, 411 N Judd Parkway NE, Fuquay -Varina, NC 27526. Online condolences at www.wilkersonfuneralhome.com.

Next Meeting July 12, 2016

The Brightleaf Amateur Radio Club will have its next meeting on Tuesday, July 12 at 7:30 PM at VFW Post Home 7032 on 1108 Mumford Road in Greenville. The program will be by Mike Langley, KD4MTT, about Emergency Preparedness. Mike always has a new twist in his programs with a lot of good info on being prepared for any emergency.

All members, families and guests are invited to attend.



BARC Board Meeting

The next board meeting will be Tuesday, July 26th at 7:30 PM at the Offices of Monday & Monday, (CPA), Suite D, East Victoria Court. All members invited.

President's Corner by *Jeffrey A. Meyer*

As usual Field Day was a challenging one but the location and facilities provided by **The Oakwood Schools** were wonderful, with the Saturday meal being excellent. For next year's FD, Bernie has graciously volunteered to chair that activity, so we have much to do to be in a more improved position, operating wise. I told him that we'd work with him to make it better.

Special Note***

If we all can contribute/participate a little more, Field Day will be both easier and even more fun!

Now turning our sights to June's board meeting, there were several initiatives discussed, with the plan to share those topics at July's club meeting. Those topics include:

1. Moving forward towards a cooperative relationship with The Oakwood School, to bring their

station (K4OAK) into full operation and provide a stable flagship club station for both BARC and TOS use. The station to be used as a focal point for training, recruitment, club And school activities as well as having a community based amateur radio station for community exposure and public service activities.

2. Offering Tech classes beginning in October for a 5 week term (hopefully at K4OAK facilities)
3. Cleaning up and improving both the ARES and club trailers for more use
4. Field Day improvements, new coax, new storage totes, better labeling, more organization, etc.

That's all I have for now and see you there.

Jeff , K4DKW

Next VE Session

The next Brightleaf Amateur Radio Club VE session will be held **Tuesday, Aug 16, 2016** at the VFW Post Home 7032 on 1108 Mumford Road and will start promptly at 6:30 PM. Email Steve Horne II, KB5B, VE Liaison at **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!



In This Issue

Steve Horne, II, KB5B, SK	1
President's Corner	2
Yakkey-Dee-Yak from Dave	3
New Emails	3
Patch Program for Girl Scouts	4
VE Session Results	4
Meeting Minutes	6
FCC Says "No"	7



Happy Birthday

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

- | | | |
|----|--------|---------------------|
| 07 | K6BDH | Bruce Hopfengardner |
| 12 | KG4CZW | Bonnie Pulver |
| 13 | K4SKI | Charlie Wells, Jr. |
| 24 | WA4MOK | Bernie Nobles |
| 29 | W4YDY | David W. Langley |

Additions or corrections to WB4JOE

Well Wishes

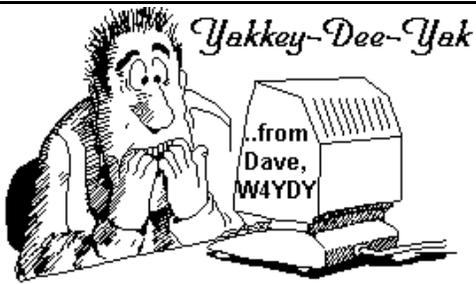
Thoughts and Prayers go out to the following:

Charlie Wells, K4SKI

Please inform Gerry Clayton, K4IDD, [gclayton4 @ suddenlink.net](mailto:gclayton4@suddenlink.net) of any changes.



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Steve Horne, II, KB5B, SK

Very sad that we lost Steve on June 28, 2016. He started December 16, 2014 as VE Liaison. Steve really enjoyed his VE activities. Although he had not had his license very long, he wanted to give something back to Amateur Radio. We need more club members like him. His family said he really enjoyed Amateur Radio. Our condolences to his wife Carolyn and his family. He will be missed by many.

BARC Field Day

Field Day was held again this year at the The Oakwood School on MacGregor Downs Road. Due to a heavy rain Saturday morning, setup was delayed and they didn't have time to put up shelters and the antennas. The antennas were installed with Bernie, WA4MOK, leading the way. The operation was moved inside the school but the equipment was all on emergency power with 3 stations and a GOTO station.

Several visitors came out to the FD site, including State Representative Greg Murphy, MD. That earned 100 points to the contest score and another 100 points for ARRL representation with Susan Langley-Jones, WA4AKB, Raleigh, attending. She is webmaster for the North Carolina ARRL web site. An excellent meal was served about 6 PM Saturday, catered by Linda Westbrook, WA4MOK's soon to be bride.

She served country style steak, string beans, corn on the cob, tea, rolls, banana pudding and apple crisp. I'm sure that was more but my plate was full

before I got to the end of the line. For those that wanted second helpings, there was plenty more. If someone didn't get enough to eat, it was their own fault!

The club got several hits for publicity. An article ran the day before Field Day in the Daily Reflector.

See www.reflector.com/News/2016/06/24/Amateur-Radio-Field-Day-exercise-to-be-held-this-weekend.html. Another article made the front page of the paper with a couple of pictures. See www.reflector.com/News/2016/06/27/Radio-amateurs-serve-as-boots-on-the-ground.html.

The Brightleaf ARC was featured in an internet broadcast at https://youtu.be/lzrPWanX_Pw. It's 5 hours long but the 12 minute segment about BARC can be seen from about **2:11:50** and going to **2:23:30**. It was arranged by Peter Van Horne, KG4WEZ.

Opps, my kxyboard mxssxd up again!!

Doxs Your Club Nxxd You? Xvxn though my typxwritxr is an old modxl, it works quitx wxll xxcxpt for onx kxy. Thrx arx 46 kxys that function wxll nough, but just onx kxy not working makxs thx diffrxnxcx.

Somxtimxs it sxxms to mx that our group is somxwhat likx my typxwritxr, not all thx kxys arx working proprly. You may say, "Wxll, I am only onx pxrson. It won't makx much diffrxnxcx." But you sxx, thx group to bx xffctivx nxxds thx activx participation of vxry pxrson.

So thx nxxt timx you think you arx only onx pxrson and that your xffort is not nxxdxd, rxmxbxr my

typxwritxr and say to yoursxlf, "I am a kxy pxrson and nxxdxd vxry much!" via RARS Nxws, May 1974 and Ham Chattxr, July 1997

Dave, W4YDY

New Email addresses at @w4amc.com

New email addresses using the **w4amc.com** domain have been added by Mike Monteith, **KM4OLT**, web site editor.

Dave Langley, **W4YDY**, VE Liaison can be reached by using **ve @w4amc.com**.

Joe Jeansonne, **KB4JOE**, *Ham Chatter* editor can be reached by using **hamchatter @w4amc.com**. The old **barc @w4amc.com** now goes to Mike Monteith, **KM4OLT**.

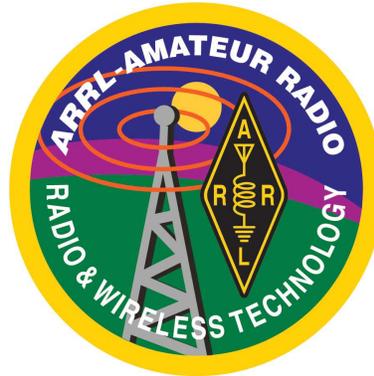
It did go to **W4YDY** when he was web site editor. The **president @w4amc.com** still goes to Jeff, **K4DKW**. (Remove the space before the @ sign in the addresses.)

ARRL Now Offering New “Radio and Wireless Technology” Patch Program for Girl Scouts

The ARRL has begun offering a new Girl Scouts “**Radio and Wireless Technology**” patch program that offers opportunities for participants to learn about wireless technology, including Amateur Radio. Scout leaders and Amateur Radio volunteers associated with the Greater Atlanta Girl Scout Council, and Girl Scouts of the Green and White Mountains developed the program to incorporate information and exploratory activities that provide a backdrop for understanding radio communication. The program will encourage Girl Scouts to take on activities in which they will gain knowledge and skills, as well as kindle an interest in science, technology, engineering, and math (STEM) subjects and careers.

“The initiative for the program came about through my conversations with hams who wanted to work with Girl Scouts as well as Boy Scouts and wanted a patch program that would introduce ham radio, as the ‘Radio’ merit badge does in the Boy Scouts,” said ARRL Education Services Manager Debra Johnson, K1DMJ. “I was introduced to a group of leaders with Girl Scouts of Greater Atlanta who wanted to work in developing a new fun patch program for radio that

would fit with the **Girl Scout Leadership Experience** structure. This group was joined by Jill Galus, KB1SWV, of the Girl Scouts of the



Green and White Mountains in New Hampshire. We collaborated on this over the course of several years.” Galus’s father, “Skip” Youngberg, K1NKR, and a team from the **Nashoba Valley Radio Club** helped test drive the new patch program during “Thinking Day on the Air” this past February with Girl Scouts in Raymond, New Hampshire.

The program defines the requirements for Girl Scouts to earn the patch at the Brownie, Junior, Cadette, Senior, and Ambassador levels. Girl Scouts can learn the fundamentals of

radio communication and wireless technology from broadcasting to smart-phones and apply what they learn to connect people, provide safety, and explore related careers. In addition to acquiring the fundamentals, participants can explore radio science through hands-on learning with Amateur Radio, and use radio to talk around the world and for public service. They also can learn about the role of wireless technology in everyday life and in careers.

The program supports the Girl Scout Leadership Experience by enabling participants to discover, by exploring the natural world to learn about radio communications and wireless technologies; to connect by using knowledge of wireless technology to understand its capabilities and its limitations, and by becoming an informed citizen who understands how wireless technologies are regulated and used, and to take action to make a difference in their communities by making friends through radio contacts, providing public service and emergency communication, and raising awareness of career opportunities.

-via ARRL(<http://bit.ly/29IYan9>)

June 2016 BARC VE Session Results

On the June 21, 2016 BARC VE session, four candidates passed Amateur Radio exams.

Megan Duley, Alexandria, VA, William Gunther, Midway Park, NC and Jonathon Collins, Nashville, NC, passed Element 2 to earn the Technician license. Their new call signs will be posted here when the FCC grants them. James Murdock, **WD6EY**, Wakefield, VA,

passed Element 4 to upgrade to the Amateur Extra Class license. BARC congratulates all for their accomplishment.

The VE's that attended were Acting VE Liaison Dave Langley, **W4YDY**, Morris Lewis, **AK4MU**, Dan Wallace, **K4HMW**, and Thomas Styron, **KB7L**. *FCC Support (877) 480-3201* **FREE**

The next regular
BARC VE session is
scheduled for
August 16, 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

1. New never used **Wouxun KG-UVD1P** Dual Band transceiver with desktop charger, antenna, Li-ion battery. \$100
 2. **Tar Heel Model 100 Screwdriver antenna** with MFJ programmable controller. The Lexan cover is cracked at the top. \$350. Or best offer.
 I would also be interested in trading my Model 100 for a **Little Tarheel II HP** with mount or a good mobile HF Radio.
 Randy Davenport, KA4NMA, Email pastor.spaceboy@gmail.com or Phone 252-375-9379.

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BARC Regular Meeting Minutes—June 2016

6/14/2016

The meeting was called to order by President Jeff K4DKW at 7:30 PM. There were 20 present. The Pledge of Allegiance and introduction of members and guests followed. The treasury balance was reported by Jeff.

The “13 Colonies event” was announced, coming up (July 5 or 6). See the sample certificate of participation: <https://s3.amazonaws.com/files.qrz.com/s/ku2us/2016S.jpg> Dave W4YDY presented video from previous field day events including: World Amateur Radio Demonstration. Field Day on Arlington Blvd. 2009. Mayor Pat Dunn tried the W4AMC station and it was covered by WNCT. Also, 2010 Field Day was included, showing participants and activities.

Jeff brought up the current field day, (Oakwood School on Jun 25-26). We will use the 3A category; 1 cw 1 sb and 1 digital, (PSK31, RTTY). Last year we used the (Mosley) 33 jr beam and 2 wire antennas. Bernie WA4MOK would like to put up a 75 m loop (256'). It doesn't need a balun, but may need a external tuner. Doug K4ROK has the club trailer and will get it to Oakwood School Saturday by 8AM. We will get on air at 1400 hours with all stations in an air conditioned school room. Food can be served in the school which also has restrooms. Bernie (and fiancé') will bring food.

Dave KG4CVZ has an ARES trailer with a tarheel antenna. Peter may go to get it. Terry will arrange it with Dave. We need to get informa-

tion about another trailer with Noel Lee- Emergency management. Peter KG4WEZ is trying to set up a kid's club. About 8 in the BARC expressed enough interest to spend an hour or two on a rotating basis to work with kids to introduce them to ham radio.

The school (Oakwood) has a tower, and it was suggested he get a G5RV wire antenna. There is a need to put equipment and learning materials in a locked cabinet somewhere. They have an ICOM 735 and a 2 meter rig with a cross polarized 2m/440 antenna. They might work to contact the International Space Station. The meeting adjourned by 9PM.

Respectfully submitted

Bob Hanrahan **AF4QY**, secretary.

BARC Board Meeting Minutes—June 2016

6/28/2016

The meeting was called to order by Jeff KD4DKW at 7:30 PM. Dave W4YDY, John K4KBB, Terry K4ZYD, Bob AF4QY, Pat KG4NSC and Gerry K4IDD were also present

Jeff has written up a proposal for having classes for kids using the room at Oakwood School that we used for Field Day. They would have an operating radio available, we could have weekend hours for giving them hands- on experience. Foreign exchange students could hear news from back home, and we could work with Boy and Girl scouts as well as school students. Terry suggested we have 5 sessions (instead of 4) and stay with the tech. If we could have it at Oak-

wood school, maybe we could leave learning materials there during the week. The best time was thought to be between October and Thanksgiving. (Sat AM or Sun Afternoon).

The club still has vacancies for Public service, Health and wellness and PR (publicity)

We had a state representative, (Greg Murphy) and an ARRL rep (Susan- Dave's daughter) at Field Day. Peter KG4WEZ did an online interview and a newspaper reporter wrote up our ad in the Sunday paper.

We should find the BARC banner? It used to be in the ARES trailer.

Next, Dave reviewed possible programs for the rest of the year.

Bernie WA4MOK will be next years' Field Day Chairman. The

tower needs bracing to be safely used and that may prove difficult to do for insurance reasons.

Officers will need to be chosen at the Nov meeting, nominees in Oct. Gerry suggested maybe the beam or the coax were not functioning properly. Signal were noisy and variable. He went home and got better results with his home equipment. Operators had trouble pulling out signals from the noise. Gerry suggested spending a couple hundred dollars on good coax.

For the all night operators, we should have some cots or hammocks for next year.

The meeting adjourned by 9PM.

Respectfully submitted

Bob Hanrahan **AF4QY**, secretary

FCC Says "No" to Lifetime Amateur Radio Licenses

The FCC has denied the petition of an Arizona radio amateur, who had petitioned for lifetime Amateur Radio licenses. Mark F. Krotz, N7MK, of Mesa, had filed his *Petition for Rule Making (RM 11760)* with the FCC last November, and the FCC invited public comments in February. Krotz wanted the FCC to revise § 97.25 of its rules to indicate that Amateur Radio licenses are granted for the holder's lifetime, instead of for the current 10-year term. Hundreds of radio amateurs commented on the petition, but the FCC was not swayed by those favoring the idea.

"Based on our review of the record, we are not persuaded that the petition discloses sufficient grounds for the requested rule change," the FCC said in a June 21 *Order*. "Krotz's primary argument is that extending the term of amateur licenses to the lifetime of the holder would reduce the Commission's administrative and personnel costs, but it is not clear to us that the proposal actually would enhance administrative efficiency." That's because the vast majority of license renewals are submitted online and processed automatically by the Universal Licensing System (ULS), "with minimal staff involvement," the *Order* said.

The FCC said it had further re-

duced its overhead by no longer routinely mailing out paper licenses. "[I]f license terms were extended to the holder's lifetime, we likely would receive more cancellations on account of the licensee's death, which are labor-intensive, because staff must carefully verify the deceased's identity and licenses in order to guard against erroneous cancellations," the FCC said in its *Order*, signed by Wireless Telecommunications Bureau Deputy Mobility Division Chief Scot Stone.

Krotz argued that the General Radiotelephone Operator License (GROL) already is issued on a lifetime basis, but the FCC said that's not a comparable situation, because an Amateur Radio license is both an operator's license and a station license, "and there is no Commission precedent for issuing a lifetime station license."

In 2014 the FCC granted lifetime credit for examination elements 3 and 4, but applicants seeking relicensing under that provision still must pass examination element 2. The FCC pointed out in its *Order* that this was done to address the concerns of commenters that a licensee who had not renewed also may not have maintained or expanded his or her knowledge and skills.

-via ARRL (<http://bit.ly/28YCrlo>)

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

Jul 12..... Regular Meeting
 Jul 9/10IARU HF World Championship
 Jul 26 Board Meeting
 Aug 9 Regular Meeting
 Aug 16 VE Exam
 Aug 30 Board Meeting
 Sep 2/4 Shelby Hamfest
 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 20 VE 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 1 V O A - W 4 A M C - W 4 U H S



JULY 2016
Next Meeting
June 12, 2016

To:



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