

Ham Chatter



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December 2016

Editor, Joe Jeanson, WB4JOE

Email: hamchatter @ w4amc.com

FCC Affirms Penalty for Unlicensed Amateur Operation, Making False Distress Call

**Next Meeting
December 13, 2016**

The FCC has affirmed a \$23,000 penalty against Daniel Delise of Astoria, New York, for operating without an Amateur Radio license on 147.96 MHz and for transmitting a false officer-in-distress call on a New York City Police Department (NYPD) radio channel. The FCC's December 5 Forfeiture Order follows its August 31 Notice of Apparent Liability for Forfeiture (NAL), which detailed a history of complaints and alleged illegal radio operation by Delise dating to 2012.

"The penalty represents the full amount proposed in the Notice of Apparent Liability for Forfeiture, and is based on the full base forfeiture amount as well as an upward adjustment reflecting Mr. Delise's decision to continue his misconduct after being warned that his actions violated the Communications Act (Act) and the Commission's rules," the FCC Forfeiture Order said. The FCC said Delise's response to the NAL offered "no reason to cancel, withdraw, or reduce the proposed penalty."

Last summer, ARRL Hudson Division Director Mike Lisenco, N2YBB, credited the intervention 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 potential leads," as well as "a system of grass-roots reporting that depicted the current pattern of intentional interference with legitimate amateur communications on local repeaters," coordinated by Richie Ce-

tron, K2KNB, an ARRL Official Observer and Assistant Hudson Division Director. Lisenco said FCC Special Counsel Laura Smith had been "a great help in keeping us informed and in the loop."

The September 15 response to the NAL did not deny that Delise violated the Communications Act and FCC rules but argued that the FCC should reduce or cancel the fine because he is currently incarcerated and has no income or assets of any kind. The FCC turned away that argument.

"We decline to reduce or cancel the forfeiture on this basis," the FCC said in the Forfeiture Order. The FCC said Delise did not provide any documentation to substantiate his claim of inability to pay.

Last April the FCC Enforcement Bureau issued a Notice of Unlicensed Operation, after determining that Delise was transmitting on 147.96 MHz, a repeater input. Not long after, the NYPD informed an FCC field agent that police 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.

The FCC has given Delise 30 days to pay the fine. If he fails to do so, the case "may be referred to the US Department of Justice for enforcement of the forfeiture," the FCC said in its Forfeiture Order. He could have been fined more than \$140,000, under the provisions of the Communications Act. Delise now is serving prison time resulting from the false police call and guilty pleas to other charges.

- via ARRL (<http://bit.ly/2hnQ95d>)

The Brightleaf Amateur Radio Club will have its annual Christmas Party at 7:00 PM with setup starting at 6:30 PM on Tuesday, **December 13**, at VFW Post 7032 on 1108 Mumford Road in Greenville. The Christmas Party will be a covered dish meal which has always been great. The club furnishes beverages, table settings, etc. The program will be peer awards presentations and introduction of 2017 BARC officers after the meal. All members, families and guests are invited to attend.

BARC Board Meeting

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

Elves at OF9X Bring the Spirit of Christmas to Ham Radio

As in past years, Santa Claus will be spreading the spirit of Christmas via Amateur Radio, but this year the elves are taking over the show. Twelve elves are operating OF9X (“Old-Father-Nine-Christmas”) for the entire month of December, each with a 3-letter identification. Radio amateurs can work OF9X on all bands and modes, from 630 meters (where authorized) to 70 centimeters. Each contact is worth 1 point for stations in Europe and 2 points for stations outside Europe. The elves provide the multiplier up to 12 to determine your final score. Only contacts made in 2016 are valid. Logs are available on ClubLog, and the log will indicate which elf was worked, in case you miss the ID.

The elves on the air and their 3-letter IDs are Arto, OH2KW (ART); Arttu, OH2FB (ATU); Jyri, OH2KM (JYR); Martti, OH2BH (MAR); Niko, OH2GEK (NIK); Pauli, OH5BQ (PAU); Pekka, OH2TA (PEK); Pertti, OH2BEE (PER); Raimo, OH2BCI (RAI); Tom, OH6VDA (TOM); Pertti, OH2PM (SIM), and Erik, OH2LAK (LAK).

Three awards are available: SKC Award (Santa is King of Christmas) at least 50 points; WMC Award (Warm and Memorable Christmas) at least 35 points, and RNS Award (Remember those Red Nose

Elves) at least 20 points.

E-mail your log and your point calculation by January 5, 2017. Full-color award certificates will be sent via return mail. Include the name to be printed on the award and your e-mail address.

High-scoring operators and their children on each continent will be offered an opportunity to speak with Santa during Christmas week. Details will be available on the OF9X QRZ.com profile page.

This year’s OF9X activity will commemorate ARRL President Emeritus Jim Haynie, W5JBP (SK), who conceived of “The Big Project” to get Amateur Radio into classrooms. The project became the present-day ARRL Education & Technology Program.

The OF9X Santa Activity patron is Finland’s Prime Minister Juha Sipil, who has said that “using the latest technology to promote Santa is valuable support for Finland and helps make this Christmas a special one.” The OF9X activity is supported by the Finnish Telecommunications Regulatory Authority and the Finnish Amateur Radio Association (SRAL), and is organized by Radio Club of Pusula, OH9W, with Radio Arcala, OH8X, of Oulu in the frozen North.

-via ARRL (<http://bit.ly/2hGRQK9>)

Next VE Session

Exams will be held on **Tuesday, December 20, 2016** at VFW Post 7032 on 1108 Mumford Road in Greenville, NC. Exams will start promptly at 6:30 PM. For more info email Dave, W4YDY at ve@w4amc.com. (remove spaces) Study material at <http://www.arrl.org/courses-training> 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!



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Happy Birthday

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

02	W4ZRA	Rick LaMonica
11	KG4CCX	Tod LeMoine
11	AK4MU	James Lewis
13	KC4RBE	June Highland
24	KK4HHY	Ervin (Erv) Davis
31	W4DXJ	Vashti Forrest

Well Wishes

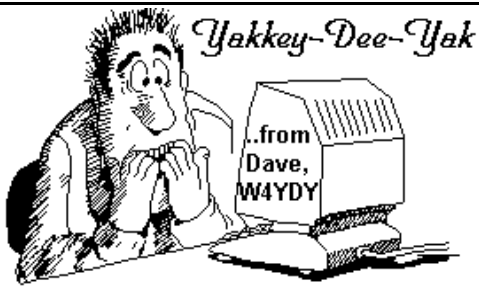
Thoughts and Prayers go out to the following:

Charlie Wells, K4SKI

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



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Christmas Party

Where does the time go?? It's Christmas Party time again at the next meeting. It will be the usual covered dish meal which has always been great. The club furnishes beverages, table settings, etc. After the meal, the program will be the presentation of Peer awards for 2016. The BARC officers elected at the November meeting will also be introduced. They are President Jeff Meyer, K4DKW; First Vice President, Dave Wood, W4EJ; Second Vice President, W4YDY; Secretary Albert Sanchez, WA7FXB; Treasurer Terry Monday, K4ZYD; Trustee Pat Williams, KG4NSC;

and Trustee Byron Highland, K4BMH.

VFW facility back to normal

The flood damage has been repaired at the VFW facility. We are back to regular meetings and VE Sessions at that location. Thanks to The Oakwood School for letting us use their facility for our November meeting. BARC is working with them on getting their station and antennas in top condition. We look forward to many more projects together.

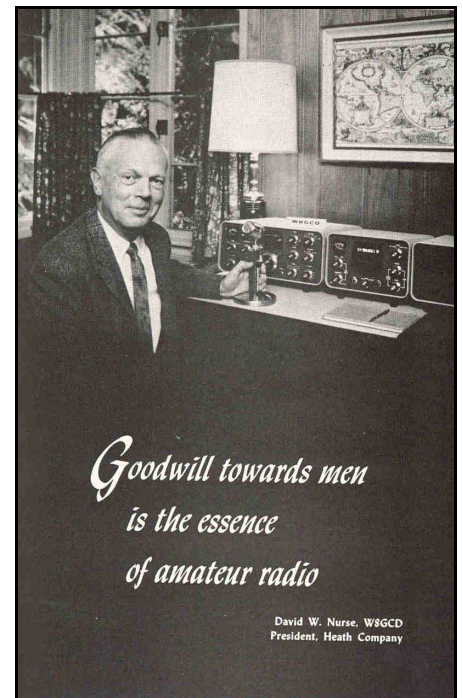
BARC and Pitt County Emergency Services

Allen Everette, Pitt County Director / Community Emergency Coordinator presented an outstanding program about their work during and after Hurricane Matthew. He had a slide presentation of

the areas flooded. Someone needs to step up to lead the ARES. It has been without a leader for several years now. Allen is anxious to resume the coordination between BARC and Pitt County. Meetings are in the planning stage and he will have another program for the club on 2017.

Merry Christmas & Happy New Year.

Dave, W4YDY



David W. Nurse—W8GCD
President, Heath Company

Amateur Radio “Uniquely Situated” to be at Leading Edge Again, Conferees Told

The dawn of so-called “smart” or cognitive radio has presented Amateur Radio with an opportunity to regain the leading edge in radio technology in the near future. It will also alter our view of spectrum as a limited resource. Those points and others were part of a forward-looking, tag-team Sunday Seminar presentation, “Spectrum (It’s the frequency crunch for real),” by Michelle Thompson, W5NYV, and Bob McGwier, N4HY, at the 2016 ARRL and TAPR Digital Communications Conference (DCC), September 16-18 in St. Petersburg, Florida. Thompson heads the AMSAT Ground Terminal Team, a component of the Phase 4B geosynchronous satellite project. McGwier is chief scientist at the Hume Center for National Security and Technology at Virginia Tech. This week, HamRadioNow made the entire 3-hour presentation available as part of its conference coverage: HamRadioNow Episode 276 Parts 1, 2, and 3.

“If you put the smarts in the radio, what can possibly go wrong?” quipped Thompson, pointing to an example that demonstrated how sufficiently complicated technology is also more likely to fail.

Thompson said cognitive radio technology will alter the paradigm of treating spectrum as if it were land. “Spectrum is immediately reusable,” she said, “and land is not.” Regulation and spectrum allocation have been necessary to manage interference among services, but smart radios can avoid collisions among users, she said.

“[I]t hasn’t been until fairly recently that we’ve been able to inexpensively and quickly reconfigure a radio,” she said. Thompson’s Phase 4B project will take maximum advantage of cognitive radio technology, which can among other things determine an optimal clear frequency, mode, and path on the fly, transparently, and without human intervention.

McGwier called the computer “the tidal wave that has swept over Amateur Radio.” And, he predicted, “It is going to bring us back to becoming technical innovators.” He said radio amateurs “are uniquely situated to be the leading edge in radio again.”

McGwier said the innovation needed in Amateur Radio will come about

through what he called “Amateur Radio freedom,” that encourages experimentation and thinking outside the box. “It’s the ultimate democratic assignment of frequencies in the world,” he said.

He painted a picture of intelligent radio technology that will operate like the human brain. “It’s going to design the radio on the fly, from scratch, without a subject-matter expert involved,” he said. “The radio will be done by artificial intelligence, from beginning to end. The object becomes not the radio, but the activity it allows.”

Responding to a question, McGwier conceded that today’s hams may balk at this sort of paradigm shift, since it’s far removed from how most Amateur Radio communication takes place today. But he said embracing smart radio technology is what will attract a younger generation of new hams.

“We need to not limit what these kids can do with Amateur Radio,” he maintained. “They are going to outdo us, if we only allow them. We can’t limit them, because this is a fundamental paradigm shift.”

-via ARRL (<http://bit.ly/2hxsH8G>)

October 2016 BARC VE Session Results

On the October 18, 2016 BARC VE session held at The Oakwood School, two candidates passed Amateur Radio exams.

Larry Nutt, Jr., **KM4YPF**, Castle Hayne, NC, and Joshua Schudt, **KM4YPH**,

Greenville, NC, passed the Technician exams and their new call signs were issued by the FCC on October 27, 2016. BARC congratulates Larry and Joshua for their accomplishment.

The VEs that attended were VE Liaison Dave Langley, **W4YDY**, Morris Lewis, **AK4MU**, Thomas Styron, **KB7L**, and Gary Coriell, **KE5ACR**.

The next regular BARC VE session is scheduled for December 20, 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 IC-756PROII including switching 30A power supply with cable, instruction book. No mic. Like new. Used as my backup radio. \$890. Org price about 3K. Dave, W4YDY, Ph 252-341-1733 or w4ydy@arrl.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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Senior Tax Advisor S

Buyers Market
2400 S Memorial Dr
Greenville, NC 27834
Tel 252.756.1209 Fax 252.756.6378
patrick.williams@tax.hrblock.com
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BARC Regular Meeting Minutes—November 2016

BARC Regular Meeting

11/15/2016 Oakwood School

The meeting was called to order by Dave Langley, **W4YDY** at 7:40 PM.

There were 18 members and guests present. The Pledge of Allegiance and introduction of members and guests followed.

Dave gave the VE report. The next session will be Dec 20 at the VFW Hall.

In the Equipment report, a tuner and power supply is to go to Doug, **K4ROK** for the BARC trailer which was still at his home. Peter, **KG4WEZ** reported on his repair/remodeling of the ARES trailer. The equipment at Oakwood School was displayed to the members. We are not charged to use this facility. Skywarn programs, the International Space Station, school club roundups were all mentioned as possible Oakwood activities.

Health and Welfare: Albert, **WA7FXB** was reported to be recovering, and Byron, (**K4BMH**)'s wife June, **KC4RBE** is recovering after knee surgery.

Our meeting was advertised in the Sunday newspaper. Future meetings will be held (again) at the VFW Hall on Mumford Rd.

Dave announced some future programs including Batteries plus Bulbs in January, and on the Christmas party- we need someone to coordinate the event. The Benson Hamfest (Nov 19,20), and NOAA open house at Newport (Dec 3) were announced.

The election of 2017 officers was made by acclamation:

President Jeff Meyer, **K4DKW**, 1st VP, Dave Wood, **W4EJ**, 2nd VP, Dave Langley, **W4YDY**, Secretary, Albert Sanchez, **WA7FXB**, Treasurer, Terry Monday, **K4ZYD**, Trustee, Byron Highland, **K4BMH**, Trustee, Pat Williams,

KG4NSC. Officers for 2016 and 2017 will be recognized at the December Christmas party.

Ballots were distributed and collected for OM, Elmer, Ham, New Ham and YL of the year.

Allen Everette from Pitt County Emergency Services Coordinator presented an interesting program about the Structure, Preparedness and History of emergency service events over the recent past.

The meeting adjourned at 9PM

Respectfully submitted,

Bob Hanrahan **AF4QY**, secretary

BARC Board Meeting Minutes—November 2016

BARC Board Meeting

November 29, 2016

The meeting was called to order by Jeff Meyer, **K4DKW** at 7:30 PM.

Attendees included Jeff; Terry Monday, **K4ZYD**; Pat Williams, **KG4NSC**; Dave Langley, **W4YDY**; Bob Hanrahan, **AF4QY**; Doug Ferris, **K4ROK**, Dave Wood **W4EJ**; Gerry Clayton, **K4IDD**. The next general BARC Meeting will be the Christmas Party at the Mumford Rd VFW on Dec 13.

The treasury checking account balance was given and noted. Charges for a power supply, 2 tires and wheel bearing packing are pending for the BARC trailer. Paul Fletcher needs to be contacted about a possible boy scout activity for clean up at the VOA site C owned by ECU.

Equipment: Jeff and Terry will be testing the Oakwood antennas with

an analyzer. According to Dave Wood, the power supply was probably struck by lightning and needed several repairs

The tubes for Econco, (a California company), have been sent and received.

Jeff, Bob Hanrahan and Peter Van Houten, **KG4WEZ** will go to Newport this Sat to discuss programs for Oakwood School and observe the SKYWARN activities. "Touch a Truck" is a good activity for children to see radio equipment. The International Space Station requires an application with children's questions in a 60 day window, (which is already expired), and will need a great deal of publicity.

Presentations of topics on the list circulated at the previous BARC meeting will likely start in Jan. We need to contact Allen Everett and others about our local repeaters and

a SKYWARN net.

We need synergies with the Pitt Community College Radio Club to get some young blood in local amateur radio.

Dave reported on future programs including:

Pictures of officers on our website

The Jan program by Carl Bowen Robert Young- Carolina Tarheel Antennas

Allen Everett- Pitt County Emergency Coordinator

Tim Parkin from Batteries plus Bulbs

The meeting adjourned at 9 PM.

Respectfully submitted,

Bob Hanrahan, **AF4QY** (secretary)

ARRL Expands Initiative to Fire Up Collegiate Amateur Radio Clubs

A growing number of campus radio clubs and student radio amateurs have begun to share ideas and suggestions on the ARRL Collegiate Amateur Radio Initiative (CARI) Facebook page, which is aimed at sparking renewed participation, activity, and idea-sharing among this special sector of the Amateur Radio community. The now-expanded initiative stemmed from two well-attended ARRL New England Division Convention forums for radio amateurs attending college, one hosted by the Amateur Radio clubs at Harvard (W1AF) and Yale (W1YU). As the forum explained, the activity level at campus Amateur Radio club stations can vary wildly from one year to the next, as students graduate and newcomers arrive.

"The most common difficulty stems from uneven interest over time," said ARRL CEO Tom Gallagher, NY2RF, in his "Second Century" editorial, "Cheers for College Amateur Radio: Sis-boom-bah!" in December 2016 QST. "Even the strongest leaders in college Amateur Radio graduate every 4 years, sometimes leaving their clubs without adequate continuity or leadership succession."

Gallagher pointed out that "recognized" student activities require students in order to maintain that status. However, even officially recognized college club stations may find themselves at the mercy of administrations in terms of space for a station and antennas, and some clubs have had to move more than once to accommodate their schools' space requirements. Issues involving safety and security can also affect college radio clubs.

In a recent post, Kenny Hite, KE8CTL, a graduate teaching assistant at West Virginia University, said the university's Amateur Radio club, W8CUL, has been unable to

participate in recent on-the-air events "due to lack of working equipment and questionable antenna setups," as he put it. "We are working to identify working equipment/coax lines." Another poster, Dennis Silage, K3DS, who's associated with the Temple University Amateur Radio Club (K3TU), said, "A key to a successful and long-running college club seems to be faculty involvement for stability and recognition." He invited other CARI participants to check out the club's website to see what members have been doing.

"It occurred to us that, if college Amateur Radio could galvanize [mutual interests], then colleges might just provide the ideal bridge between youthful interest in the subject and lifelong participation in our community," Gallagher wrote.

Some ideas are already being suggested, and the Facebook page has spurred communication among an ever-widening network of those involved or interested in Amateur Radio on campus, from students, faculty members, and administrators to college radio club alums. One suggestion has been to harness the competitive nature of colleges to organize operating events - perhaps with "conferences" resembling those for sports - to keep interest alive.

ARRL received permission to rebrand the Collegiate Amateur Radio Operators Facebook group, initially organized by Sam Rose, KC2LRC, as the ARRL Collegiate Amateur Radio Initiative. All collegiate radio amateurs, clubs, and alumni are invited to participate and to get involved in activities that advance the art and enjoyment of Amateur Radio. All suggestions are welcome.

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

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

Dec 3-4	ARRL 160 Meter Contest	Feb 28	Board Meeting
Dec 10-11	ARRL 10 Meter Contest	Mar 4/5	ARRLSSB DX Contest
Dec 13	BARC Christmas Party	Mar 14	Regular Meeting
Dec 20	VE Exam	Mar 25/26	CQ WW SSB WPX Contest
Dec 27	Board Meeting	Mar 28	Board Meeting
Jan 1	ARRL Straight Key Night		Regular Meeting - 2nd Tuesday @ 7:30 PM
Jan 7/8	ARRL RTTY Roundup		Board Meeting - Last Tuesday
Jan 10	Regular Meeting		
Jan 27/29	CQ WW CW 160M Contest		
Jan 31	Board Meeting		
Feb 11/12	CQ WPX RTTY Contest		
Feb 14	Regular Meeting		
Feb 18/19	ARRL CW DX Contest		
Feb 21	BARC VE Session		
Feb 24/26	CQ WW SSB 160M Contest		
Feb 26	NC QSO Party		

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



**DEC 2016
Next Meeting
Dec 13, 2016**

To:



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Brightleaf Amateur Radio Club
PO Box 8387
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