

HAM CHATTER



Volume 52 Issue 11

An Official BARC, W4AMC, Publication

November 2018

Editor, Joe Jeansonne, WB4JOE

Email: hamchatter @ w4amc.com

Tom Parsons, W4TEP, SK, October 7, 2018

LTC (Ret. US Army) Tom Parsons, **W4TEP**, passed away October 7, 2018, at his home about 11 PM. He was 88. Tom, trustee for the Brightleaf ARC call signs, **W4AMC**, **W4UHS**, **W1VOA**, was a former President of BARC. He also served for several years as the Volunteer Examiner Liaison for the club. Tom was presented a plaque at the Christmas Party on December 11, 2007 and made an Honorary Life Member of the Brightleaf Amateur Radio Club. He was very active at Field Day and many other activities of the club.

Tom was featured in the January 1998 Ham Chatter. His call sign at that time was **KD4AFH**. He later applied for the vanity call sign with his initials and received **W4TEP**. The Ham Chatter article is at <http://www.w4amc.com/hc/pdf/hc9801.pdf>. Tom's daughter, Bonnie Pulver, **KG4CZW**, and son-in-law, Dave Pulver, **KG4CZV**, are long time members of BARC. BARC sends its condolences and prayers to the family.

The following excerpts are from the Wilkerson Funeral Home web site. <https://www.wilkersonfuneralhome.com/obituaries/Thomas-Eugene-Parsons?obId=3360168#/obituaryInfo> Obituary for Thomas Eugene Parsons Lieutenant-Colonel Thomas E. Parsons, 88, died peacefully at his home on Sunday, October 7, 2018.

The funeral service will be conducted at 11:00 am on Tuesday, October 16, 2018 at St. Peters Catholic Church in Greenville. Burial will take place in Arlington National Cemetery at a later date.

Born May 14, 1930 in Durham to Joseph Parsons and Lelia Jackson, LTC

Parsons lived a life defined by his service and love for his family, country and community. He served in the United States Army for 28 years. He was a veteran of the Korean War and the Vietnam War. Following his retirement from the Army, he taught for 20 years as a JROTC instructor at the high schools in Farmville and Kinston.

LTC Parsons was very active in the Greenville community, founding Boy Scout Troop 826 and serving as its Scoutmaster for many years, Instructor for the American Red Cross, while also holding various leadership positions within the Knights of Columbus, American Legion, Veterans of Foreign Wars, and Brightleaf Amateur Radio Club. He was an active member of St. Peter's Catholic Church for over 40 years.

He is survived by his wife of 66 years, Bobbie Parsons of Greenville; brother William (Connie) Parsons of Plant City, FL; daughter, Bonnie (Dave) Pulver of Ayden; son, Thomas (Michele) Parsons of Union Mills, NC; son, Gene (Donna) Parsons of Pflugerville, TX; 6 grandchildren: Jessica Parsons of Raleigh, Lela Walker of Oxnard, CA, Amanda (Richard) Parrish of Fuquay-Varina, Robert Walker of Greenville, Moxie (Leslie) Williams of Savannah, GA and Zebbe Williams of Raleigh; and 8 great grandchildren.

The family will receive friends from 6-8 pm on Monday, October 15, 2018 at Wilkerson Funeral Home.

In lieu of flowers, the family asks that you assist needy animals by donating to Pitt Friends. Checks may be mailed to 2850 E. Fire Tower Road, Greenville, NC 27858.

Next Meeting November 13, 2018

The Brightleaf Amateur Radio Club will have its next regular meeting at 7:00 PM Tuesday, November 13, at VFW Post 7032 on 1108 Mumford Road in Greenville.

Peter Van Houten, N4PVH, will do a demo of the NUE-PSK modem with the Elecraft K2. Elections for 2019 BARC officers will be held. ALSO, there will be voting for peer awards at the Christmas party in December.

Peer awards are BARC Ham of the Year, OM of the Year, YL of the Year, Elmer of the Year and New Ham of the Year. All members, families and guests are invited to attend.

VFW Post 7032 [Map & Pictures](#)
[Google map](#) to VFW Post 7032



Tom Parsons W4TEP

BARC Board Meeting New Start Time 7PM

The next board meeting will be Tuesday, November 27, at 7:00 PM at the Offices of Monday & Monday, (CPA), Suite D, East Victoria Court. All members invited.

BARC Officer Elections

BARC club members will vote on 2019 officers at the November meeting. There has been a slate announced and no other volunteers requested to run for a position. There is one candidate for each position. If anyone wants to be considered, you will have to request a write-in. If there are no other candidates, there will probably be a motion for a unanimous consent vote. The officers nominated are as follows:

President – Dave Wood, **W4EJ**
 1st VP – Peter Van Houten, **N4PVH**
 2nd VP - Louis Demko, **W3LPR**
 Secretary, Gary Coriell, **KK4GC**
 Treasurer, Jeff Meyer, **K4DKW**
 Trustee, Terry Monday, **K4ZYD**
 Trustee, Bill Dawson, **WA4SLC**

BARC Peer Awards

Peer awards are to be selected at the November meeting. Peer awards are BARC Ham of the Year, OM of the Year, YL of the Year, Elmer of the Year and New Ham of the Year. There will be a ballot passed out to club members during the meeting. The award winners will be announced at the annual Christmas party on December 11. You can get a list of members on the club roster at <http://www.w4amc.com/roster.html>. Be thinking about who you will vote for. The Ham of the Year award is not available to anyone that received the award in the past three years. Ineligible are **K4DKW**, **KG4WEZ** and **WA4MOK**. There are no restrictions on the other awards. – W4YDY



Happy Birthdays

Brightleaf Amateur Radio Club members birthdays in November.

03 AF4QY Bob Hanrahan
 05 N4RXX Rita Sumrell
 08 KD4NHZ Walter Allen
 09 K4JRZ Lawrence Behr
 11 W4EJ Dave Wood
 18 KN4LVD Daniel Hayes

Well Wishes

Thoughts and Prayers go out to the following:

Please inform Joe Jeansonne, KB4JOE, of any changes.

Additions or corrections to KB4JOE

Next VE Session

Exams will be held on Tuesday, December 18, 2018 at VFW Post 7032 on 1108 Mumford Road in Greenville, NC. Exams will start promptly at 6:30 PM. For more info email Gary, KK4GC at ve@w4amc.com. (remove spaces) Study material at <http://www.arrl.org/coursestraining>. 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://bit.ly/1FOhE1S>.

NC ARES Internet

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

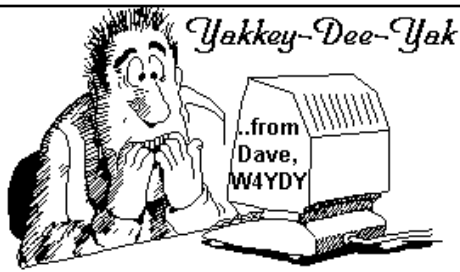
Pitt County ARES
 EC needed!



In this Issue..

Tom Parsons, W4TEP, SK, October 7, 2018	1
BARC Officer Elections	2
Happy Birthdays.....	2
Well Wishes	2
Next VE Session.....	2
BARC on Facebook.....	4
October 2018 BARC VE Session Results.....	4
Ham Ads	5
FCC Fines Amateur Radio Licensee \$25,000 for Operating Unlicensed FM Station	6
US Ham-Astronaut, Russian Cosmonaut Safe in Wake of Soyuz Launch Failure.....	7
BARC - 2018 CALENDAR OF EVENTS	8

PUBLISHED MONTHLY BY THE BRIGHTLEAF ARC, P. O. BOX 8387, GREENVILLE, NC 27835 * NON-COPY-RIGHT MATERIAL CONTAINED HEREIN MAY BE REPRINTED WITHOUT PRIOR PERMISSION WITH CREDIT GIVEN TO THIS PUBLICATION * PRESIDENT - GARY CORIELL, KK4GC, 414-9858 * FIRST V. PRESIDENT - DAVE WOOD, W4EJ, 399-9988 * SECOND V. PRESIDENT - PETER VAN HOUTEN, KG4WEZ, 412-8115 * SECRETARY - BILL DAWSON, WA4SLC, 946-4760 * TREASURER - JEFF MEYER, K4DKW, 717-9442 * BOARD MEMBER - PAT WILLIAMS, KG4NSC, 916-2047 * BOARD MEMBER - BERNIE NOBLES, WA4MOK, 756-0020 * VE LIAISON - GARY CORIELL, KK4GC * PUBLIC RELATIONS/PUBLIC SERVICE COORDINATOR PAT WILLIAMS, KG4NSC * W4AMC/W1VOA/W4UHS TRUSTEE, BILL DAWSON, WA4SLC * HAM CHATTER EDITOR - JOE JEANSONNE, WB4JOE * WEB SITE EDITOR - MIKE MONTEITH, KM4OLT * CONTRIBUTING WEB SITE AND HAM CHATTER EDITOR - DAVE LANGLEY, W4YDY * EMAIL ADDRESSES ON BARC WEB SITE * OPINIONS BY WRITERS MAY NOT NECESSARILY BE THAT OF THE BRIGHTLEAF ARC * CONTRIBUTIONS ARE TAX DEDUCTIBLE.



BARC Peer Awards for 2018

BARC club members will have a chance to select Peer awards for 2018 at the November club meeting. Peer awards are BARC Ham of the Year, OM of the Year, YL of the Year, Elmer of the Year and New Ham of the Year. The awards will be presented at the Christmas party in December. Check out the article in this issue for more information.

Well Known Contester Falls from tower

The Reverend Paul Bittner, W0AIH, of Fall Creek, Wisconsin, died doing what he loved on October 31, when a tower-climbing mishap claimed his life at his well-known antenna farm. Via ARRL Letter. Paul was 84. He loved climbing his towers and was working on his 100 foot 40 meter tower that has a 3 element beam. Reports are that he was being winched up to the top and the rope that held the pulley failed when he was at about 70 feet. He was preparing for the ARRL Sweepstakes CW Contest.

A lot of posts on the internet has been made about Paul and how he helped many set up their stations. He moved to a 120 site that was called an 'antenna farm'. There are over 50 towers and poles, some up to 200 feet tall. He has a web site at <http://www.qth.com/woaih/> showing all his antenna setups and sta-

tions for each band. It reminds you of a small VOA site with all the towers! It could be one of the largest Amateur Radio stations ever built. The station was entered in many contest as a multi/multi entry, some with over 10 operators. There are many videos on the internet of his towers, antennas and stations. Just saw one where a crane lifted the 40 meter beam to the top of the 100 foot tower. A drone showed Paul with 2 others on the beam. Paul, wearing the red coveralls, crawled out on the boom almost to the ends to release the guide ropes. The boom looked like it was parts of a Rohn tower. He was using a safety harness and being very careful. The video is at https://www.youtube.com/watch?time_continue=219&v=KlC5-lFzBQE no spaces. There is another video just before this one showing it on the ground and being lifted to the top of the tower.

Paul was on the cover of the June 1991 CQ Magazine at his operating position. That was nine years before he moved near Fall Creek, Wisconsin in 2000 to his 120 acres where he built the 'antenna farm'. He was

on CQ Magazine covers more than once.

If you have ever worked some contests, you have probably contacted W0AIH. I read that Paul liked to work 160 during many of the contest. I checked my computer log and I worked W0AIH seventeen times on 160, 40, 20, 15 and 10 meters using SSB nine times, CW seven times and RTTY one time from 1993 to 2014 in ten different contest. Seven of the contacts were confirmed on Logbook of the World. I have not worked any contest much since 2014. I'm sure I talked to him personally on 160 because ten of the seventeen contacts were on that band.

There is an excellent five page article about him starting on page 15 of the Gray Line Report at <http://www.tcdxa.org/News-letters/December2014Grayline.pdf>. It is about how he got interested in Amateur Radio during World War II. He got his license in 1949 and held the same call sign the rest of his life. W0AIH will really be missed on the contest bands and also by many friends and family.

- **W4YDY**



W0AIH 'antenna farm'

BARC on Facebook

At the last BARC meeting, it was suggested for BARC members to try and use Facebook to coordinate and communicate about BARC issues and activities.

To that end, I have started a W4AMC Facebook page that you can find with #W4AMC hashtag in the search function in Facebook. Members of the group can post comments, observation, suggestions and see the activities calendar.

There are polls that help the board get answers to what we should be doing. Please be nice, if what you are going to post on the page would hurt someone, then don't do it. No political rants, no commercial interests or promotions either. Let's be civil to each other and keep the language clean.

I have it such that you can post right now without a review board but can put that in if I have to. Remember folks, this is just a hobby! Let's keep it fun and start doing more interesting things with each other. I look forward to the fun we can all have in this hobby.

The W4AMC Page is here:

<https://www.facebook.com/w4amc/>

I also created two Facebook groups: one for internal communications of the club, comments, answers and suggestions trying to help run the club:

<https://www.facebook.com/groups/BrightleafARC/>

and one for general amateur radio interest for all local area hams that does not need to be a member of BARC.

<https://www.facebook.com/groups/W4AMC/>

When you go there, ask to join the two groups. If you join the Brightleaf group first, I think I set it up so that you are automatically part of the W4AMC-Friends group as well.

It should ask for your call sign as a check that you are a ham. Let's give this a shot and see if this makes communicating and having fun better and easier.

73, Peter, **N4PVH**

Peter Van Houten
kg4wez (at) me.com

New BARC Call Sign Trustee

Bill Dawson, **WA4SLC**, is now the Brightleaf Amateur Radio Club trustee for the 3 call signs, **W4AMC**, **W4UHS** and **W1VOA**. They were effective October 23 and October 24, 2018. Any questions concerning the call signs should be referred to Bill. – W4YDY

October 2018 BARC VE Session Results

On the October 16, 2018 BARC VE session, there were two candidates passing the FCC exams. Judy Taber, **KN4PWV**, Greenville, and Mike Piantanida, **KN4PWU**, Snow Hill, passed the Technician Class license exam to earn their Amateur Radio license. They both aced the exams getting all 35 questions correct. Welcome to Amateur Radio Judy and Mike and congratulations for your accomplishment. The FCC assigned their new call signs on October 24, 2018.

The VEs present were VE Liaison Gary Coriell, **KK4GC**, Gerald Sighman, **KN4CKL**, and Dave Langley, **W4YDY**.

The next regular BARC VE session is scheduled for December 18, 2018. Go to <http://www.w4amc.com/barcinfo.html#VE> for the latest information. - W4YDY



VEs grading Alan's exam. In the picture above, L-R, Alan, **KK4GC**, **N4PIR**, **K4HMW**, **K4GOE**, **KN4CKL**, **W4YDY** behind the camera!

Ham Ads

Monday & Monday, CPA's, PA

Certified Public Accountants

TERRY A. MONDAY, CPA, CVA, EA
K4ZYD

105-D East Victoria Ct.
Greenville, NC 27858

Phone (252) 321-6007
Fax (252) 321-2991

MARK'S MARINE, INC.



Mark Langley
Mike Langley
KD4MTT

Hwy. 33 East
Greenville, NC
252 758-3309
Fax 252 758-1396

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 Jeansonne
or email to: hamchatter@w4amc.com(no spaces)

ITEM	DESCRIPTION	PRICE
IC7000	ALL FBAND HF/VHF/UH	\$600.00
TARHEEL II HP	MOBILE ANT 40 THRU 10	\$200.00
SEVERAL SPEAKER TRIPODS	WITH MOUNTS FOR PORTABLE ANT USE	\$40.00 EACH
TARHEEL MODEL 100	80 THRU 10	\$200.00

H&R BLOCK®

Pat Williams, KG4NSC
Senior Tax Advisor 5

Buyers Market
2400 S Memorial Dr
Greenville, NC 27834
Tel 252.756.1209 Fax 252.756.6378
patrick.williams@tax.hrblock.com
www.hrblock.com

K4KBB
J & P Machine Works, Inc.



4291 US 264 East
Greenville, NC 27834
252-758-1719 Fax 758-9031

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

All batteries & light bulbs for home & business

- Huge selection of Duracell® Ultra Batteries & Bulbs
- FREE & quick installs on car/truck batteries* Smartphone, tablet, & iPod® repairs
- **FREE** battery test & systems check
- Battery & light bulb recycling
- FREE laptop battery testing
- Business accounts welcome

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

Batteries + Bulbs

740 Greenville Blvd. SE, Suite 500-A
Greenville, NC
252.353.8143

Store Hours Mon-Fri 8-6, Sat 8-7, Sun 11-6 bp167@batteriesplus.net

www.batteriesplus.com

Asheville Radio Museum Annual Fund Drive

We teach. We preserve. We demonstrate. We inspire. All with a small group of unpaid volunteers who do it for the love of radio. Admission is always free. With no source of funding, other than infrequent sale of duplicate equipment, we need help.

North Carolina hams please stand with us! Use the Donate button on our home page (www.avl-radiomuseum.org). It accepts Paypal or a credit card. Or, mail your check to The Asheville Radio Museum, 315 Elm Building, 340 Victoria Road, Asheville NC 28801. Your help will keep the spirit of ham radio alive in North Carolina. Every small donation helps. Thanks for your support!

FCC Fines Amateur Radio Licensee \$25,000 for Operating Unlicensed FM Station

In an FCC Enforcement Bureau case going back to early 2015, a Paterson, New Jersey, Amateur Radio licensee has been penalized in the amount of \$25,000 for allegedly continuing to operate an unlicensed FM radio station. The FCC issued a [Forfeiture Order](#) on October 30 to Winston A. Tulloch, KC2ALN, a General class licensee. The fine followed an April 2018 Notice of Apparent Liability for Forfeiture (NAL) issued to Tulloch for alleged “willful and repeated violation” of Section 301 of the Communications Act of 1934, as amended, by operating an unlicensed FM radio station on 90.9 MHz in Paterson. Tulloch did not respond to the NAL, the FCC indicated.

“Commission action in this area is essential because unlicensed radio stations do not broadcast Emergency Alert Service messages and therefore create a public safety hazard for their listener,” the FCC said in the Forfeiture Order. “Moreover, unlicensed radio stations create a danger of interference to licensed communications and un-

dermine the Commission’s authority over broadcast radio operations.”

Following up on February 2015 complaints regarding pirate radio operations in Paterson, FCC agents spotted a signal on 90.9 MHz that “appeared to be an unauthorized radio station.” Agents determined the signal was emanating from a multi-family dwelling and noticed an FM antenna on the structure. The measured field strength exceeded the limits allowed for Part 15 unlicensed devices.

Through a solicitation broadcast on the station for advertisers and a vehicle parked outside the building, the FCC agents were able to determine that the telephone number in the announcement belonged to Tulloch, and the car was registered in his name. FCC agents made several visits to Paterson in late 2015 and early 2016. In October of 2016, agents returned to Paterson and determined that the signal source had relocated to another nearby multi-family structure. A Notice of Unlicensed Operation (NOUO) was posted

on the door of the building and the following month, the FCC mailed an NOUO to Tulloch.

Subsequent visits revealed that the station was still in operation, and, at some point, had moved back to its prior location. Additional NOUOs were issued. Finally, on September 15, 2017, two agents returned to Paterson and determined that the station no longer was on the air.

In the Forfeiture Order, the FCC incorporated by reference the details of the investigation spelled out in the earlier NAL.

The Tulloch case is among dozens that the FCC Enforcement Bureau has initiated in the past couple of years in efforts to shut down pirate broadcasters across the US, the vast majority of which are not FCC amateur licensees.

- via ARRL (<https://bit.ly/2RIgf44>)

US Ham-Astronaut, Russian Cosmonaut Safe in Wake of Soyuz Launch Failure

A Russian Soyuz spacecraft crew launch to the International Space Station (ISS) suffered an emergency booster failure shortly after lift-off from Kazakhstan on October 11, but the crew is safe. On board the Soyuz MS-10 were US Astronaut Nick Hague, KG5TMV, and Russian Cosmonaut Aleksey Ovchinin. NASA Administrator Jim Bridenstine was in attendance at the launch in order to discuss with Russian space agency Roscosmos a mysterious hole that had apparently been drilled through the side of the last Soyuz vehicle. That spacecraft had successfully carried cosmonaut Sergey Prokopyev, and astronauts Serena Auñón-Chancellor, KG5TMT, and Alexander Gerst, KF5ONO, to the ISS last spring. In a statement, Bridenstine promised “a thorough investigation” into the cause of the October 11 aborted launch.

“Shortly after launch, there was an anomaly with the booster and the launch ascent was aborted, resulting in a ballistic landing of the spacecraft,” Bridenstine said. “Search-and-rescue teams were deployed to the landing site. Hague and Ovchinin are out of the capsule and are reported to be in good condition.” The pair was returned to the Baikonur Cosmodrome in Kazakhstan en route to Gagarin Cosmonaut Training Center in Star City. This was Hague’s first launch and Ovchinin’s second.

Bridenstine and the NASA team are monitoring the situation carefully, the space agency said, adding that NASA is working closely with Roscosmos.

Early this month, NASA issued a statement regarding the late-August discovery of a mysterious 2-millimeter hole in the wall of the Soyuz capsule that is now docked to the ISS. The resulting air pressure leak has since been repaired. There is no indication the launch failure and the mystery hole in the last Soyuz launched are connected.

Roscosmos said the hole was not drilled by accident, opening the possibility of sabotage. Roscosmos Director General Dmitry Rogozin earlier ruled out a manufacturing defect.

“[This] indicates that this is an isolated issue which does not categorically affect future production,” the NASA statement said. “This conclusion does not necessarily mean the hole was created intentionally or with mal-intent.”

Roscosmos has claimed the hole may have been drilled by a technician on the ground. NASA and Roscosmos continue to investigate the incident to determine the cause. A November spacewalk was planned in order to gather more information.

In the wake of the Soyuz failure, operations to transport ISS crew members have been suspended. The current ISS crew of Auñón-Chancellor, Gerst, and Prokopyev is scheduled to return to Earth in December.

-via ARRL (<https://bit.ly/2QtNTdG>)

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 (20wpm)
- ◆ 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 - 2018 CALENDAR OF EVENTS

SARL 80M QSOP Apr 05
 SP DX Apr 07
 Club Meeting Apr 10
 JIDX CW Apr 14
 Oakwood Topics Apr 14
 VE Apr 17
 Holyland DX Apr 20
 ES OPEN HF Apr 21
 CQMM DX Apr 21
 YU DX Apr 21
 Board Meeting Apr 24
 ARI Intl DX May 05
 CQ-M Intl DX May 12
 Club Meeting May 08
 Oakwood Topics May 12
 Board Meeting May 22
 CQ WW WPX CW May 26

Asia Pacific Sprint SSB Jun 09
 GACW WWSA DX CW ... Jun 09
 Club Meeting Jun 12
 Oakwood Topics Jun 16
 All Asian DX CW Jun 16
 VE Jun 19
 ARRL Field Day Jun 23
 Board Meeting Jun 26
 RAC Canada Jul 01
 Marconi HF Jul 07
 Club Meeting Jul 10
 Oakwood Topics Jul 14
 IARU HF Jul 14
 Jakarta DX 40M Jul 21
 Board Meeting Jul 24
 RSGB IOTA Jul 28
 European HF Aug 04

Southern Africa HF SSB .. Aug 05
 WAE DX CW Aug 11
 Club Meeting Aug 14
 Oakwood Topics Aug 16
 NA QSOP SSB Aug 18
 VE Aug 21
 YO DX HF Aug 25
 SARL HF CW Aug 26
 Board Meeting Aug 28
 All Asian DX SSB Sept 01
 WAE DX SSB Sept 08
 Club Meeting Sept 11
 Oakwood Topics Sept 15
 Scandinavian CW Sept 15
 UK/EI SSB Sept 22
 Board Meeting Sept 25
 SARL 80M Oct 04

Oceania SX SSB Oct 06
 Club Meeting Oct 09
 Oakwood Topics Oct 13
 Oceania DX CW Oct 13
 VE Oct 16
 Asia Pacific CW Oct 21
 CQWW SSB Oct 27
 Board Meeting Oct 23
 Club Meeting Nov 13
 Oakwood Topics Nov 17
 Board Meeting Nov 27
 Club Meeting Dec 11
 Oakwood Topics Dec 15
 VE Dec 18
 Board Meeting Dec 25

To:



November 2018
Next Meeting
November 13, 2018



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