

Ham Chatter



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Editor, Joe Jeansonne, WB4JOE

Email: jljeansonne775@my.pittcc.edu

FCC Invites Comments on Proposed Rules for New LF and MF Amateur Allocations

The FCC is inviting comments on its recent proposals to authorize Amateur Radio operation on two new bands -- an LF allocation at 135.7 to 137.8 kHz (2200 meters), and an MF allocation at 472-479 kHz (630 meters). Amateur Radio would be secondary on both bands. Comments are due August 31. Reply comments -- ie, comments on comments filed -- are due by September 30. The FCC allocated 135.7 to 137.8 kHz to the Amateur Service in accordance with the Final Acts of the 2007 World Radiocommunication Conference (WRC-07). The proposed new allocation at 472 to 479 kHz would implement decisions made at WRC-12.



"The Commission is proposing service rules for the Amateur Service in the 135.7-137.8 kHz and 472-479 kHz bands with the principal goal of enabling sharing of this spectrum among licensed amateur stations and unlicensed PLC systems," the FCC said on April 27 in a 257-page Report and Order, Order, and Notice of Proposed Rulemaking. The combined proceeding addresses three dockets -- ET-12-338, ET-15-99, and IB-06-123 -- affecting various radio services in addition to the Amateur Service. The detailed proposals appeared in The Federal Register on July 2.

Amateur Radio stations are not permitted in either band until the FCC adopts, on the basis of comments, specific technical and operational Part 97 rules. Power line carrier (PLC) systems operated by utilities to control the power grid already operate under Part 15 of the FCC rules in both fre-

quency ranges, particularly the lower of the two.

With respect to the new 630 meter band, the FCC has concluded that Amateur Radio and PLC systems "can successfully coexist in the band," and noted that there has been no reported interference to PLC operation resulting from experimental operations there.

The FCC said PLC systems and anticipated Amateur Radio use of both 630 meters and 2200 meters "have characteristics that make coexistence possible." In general, the FCC wants to hear from the public regarding power limits, antenna placement and height, and geographical limitations for operation in the proposed LF and MF allocations. The FCC has said that the "cornerstone" of the technical rules it's proposing for both bands is "physical separation between amateur stations and the transmission lines" carrying PLC sig-

nals. The FCC has said that if it concludes, after considering the record, that Amateur Radio and PLC systems cannot coexist on 135.7-137.8 kHz, it would "defer the adoption of service rules, and amateur users will have to continue to use the experimental licensing process to operate in the band."

In 2012, the ARRL submitted a Petition for Rule Making asking the FCC to allocate 472-479 kHz to the Amateur Service on a secondary basis and to amend the Part 97 rules to provide for its use. Several countries, including Canada, already have ac-

Next Meeting - July 14, 2015

The Brightleaf Amateur Radio Club will have its regular meeting at 7:30 PM on Tuesday, July 14, at VFW Post Home 7032 on 1108 Mumford Road in Greenville. The program will be "LED Lighting, The True Cost of Using Old Technology" by Tim Parkin, Greenville store manager of Batteries Plus Bulbs. All members and guests are invited to attend.

The next board meeting will be Tuesday, July 28 at 7:30 PM at the Offices of Monday & Monday, (CPA), suite D, East Victoria Court. All members invited.

cess to the band.

The FCC said the addition of the new LF and MF allocations "would provide new opportunities for amateur operators to experiment with equipment, techniques, antennas, and propagation phenomena but with signals having larger bandwidth and higher power."

In addition, the FCC has raised the secondary Amateur Service allocation at 1900 to 2000 kHz to primary, while providing for continued use by currently unlicensed commercial fishing vessels of radio buoys on the "open sea." The Commission is seeking comment on technical requirements to govern operation of the Part 80 radio buoys.

Interested parties may submit comments, identified by ET Docket No 15-99, via the FCC Electronic Comment Filing System (ECFS). The ARRL will file comments in this proceeding. -via ARRL (<http://bit.ly/1NG2Amc>)

Ohio ARES "NVIS Antenna Day" Concludes That the Truth is Up There

Ohio ARES NVIS Antenna Day on April 25 attracted participation from some 100 Buckeye State stations in an effort to determine which configurations of near-vertical incidence skywave (NVIS) antenna offer the best results. ARRL Ohio Section Emergency Coordinator Stan Broadway, N8BHL, said that while the results of the unscientific test were inconclusive, some configurations did seem superior.

"The goal was simple: Try different antennas, see which work," Broadway explained. "Each station was responsible with providing accurate signal reports, so performance could be evaluated. Results would be tallied and digested in hopes of creating a short list of winners that ARES teams could keep in their toolboxes."

Most operation was Field Day-style on 40 meters. "This was not a contest," Broadway pointed out, "so, groups gathered not only to test antennas, but to cook out and enjoy each other's company." He said one group had so much fun making contacts on their first dipole that they abandoned any further antenna work and just had fun.

Groups most frequently deployed simple dipoles. End-fed and longwires were popular too, as well as a handful of loops. A half-dozen antennas were based on the

military AS-2259 design — crossed inverted Vs with about 10 feet of elevation in the middle. Other designs included antennas erected above ponds, inverted Ls, and even a Moxon aimed straight up.

"For our operation, there just wasn't that much difference between the more specialized NVIS designs and any good antenna," Broadway concluded. The longwire was among those at the bottom of the list, with signal reports uniformly 2 or 3 S-units below other choices, according to Broadway.

"But contacts weremade, and communication took place," he added. It's a very portable antenna too. Determining the "best" antenna turned out to be harder. Dipoles — flattops or inverted Vs — installed at lower heights in keeping with NVIS concepts, provided reasonable reports, but erecting them at a low height didn't seem to make much difference. If any antenna topped the list, it was those fashioned after the AS-2259 configuration.

"These all performed very satisfactorily for their owners, and were uniformly given good signal reports," Broadway said.

"They weren't 40 dB above the competition, but they were solid." While the NVIS antenna experiment had inconclusive results, "we did prove that our hobby can be a lot of fun, even for the old heads, when we get back to some basics — experimenting, equipment and team building, and trying our stuff out," Broadway said. Concluded Jefferson County participant Gregory Day, N8GD, "After 34 years, ham radio is still fun!"



Happy Birthday

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

- 7 K6BDH Bruce Hopfengardner
- 12 KD4CZW Bonnie Pulver
- 13 K4SKI Charlie Wells
- 24 WA4MOK Bernie Nobles
- 29 W4YDY Dave Langley

Well Wishes

Thoughts and Prayers go out to the following:

Charlie Wells, K4SKI

Tom Parsons, W4TEP

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



June 2015 BARC VE Session Results

Two candidates came to the June 16, 2015 BARC VE session and were successful. Robert E. Freuler, KM4JEG, Tarboro, upgraded to General Class from Technician and Gary W. Turner, Kinston, passed the Technician exam. Gary's new call sign is KM4LKR and it was effective June 23, 2015. Congratulations Robert and Gary.

The VE's that attended were VE Liaison Steve Horne II, KB5B, Dan Wallace, K4HMW, Morris Lewis, AK4MU, Thomas Styron, KB7L and Dave Langley, W4YDY.

The next regular BARC VE session is scheduled for August 18, 2015. Details at <http://www.w4amc.com/barcinfo.html#VE>

NC ARES Internet

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

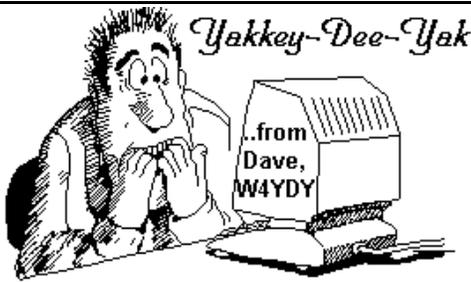
Pitt County ARES
EC needed!



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Yakkey-Dee-Yak

OJOB on Market Reef Logs Hundreds of 2 Meter Moonbounce, Meteor Scatter Contacts

Three of my good Amateur Radio friends passed away recently. First it was Weldon Fields, **W4AJT** in May. He was over 100 years old. Weldon was the oldest known Ham in North Carolina and the longest licensed amateur radio operator in our State having received his license in 1930. Weldon made many contributions to our Country, our State, and to Amateur Radio during his lifetime. He was a founding father of the Tar Heel Emergency Net in 1947, which continues operations to this day.

In September of 2011, the Order of the Long Leaf Pine was bestowed upon Weldon. The Order of the Long Leaf Pine is among the most prestigious awards conferred by the Governor of North Carolina and it is presented to outstanding North Carolinians with a proven record of service to the State or other special achievement. In 2014, Weldon was awarded the Congressional Gold Medal -- the highest civilian honor -- for his service to the Civil Air Patrol during World War II.

I first talked to Weldon in June 1953 using AM right after I graduated from high school. SSB was not around back then, just a few experimenters. My last contact was in 2014 when he called me to chat a few minutes during the NC QSO Party. We sat together at the September 2014 QCWA meal and meeting in Siler City and talked about old times. He was a



W4EHF and W4AJT meeting for the first time at the 2010 RARSfest

The recent Market Reef OJOB expedition resulted in 462 contacts via 2 meter Earth-Moon-Earth (EME) and meteor scatter activity with stations on all continents. The activity this month was a somewhat belated 50th anniversary celebration of the historic first 2 meter EME contact. More than 50 US and Canadian hams were among those that worked OJOB on 2 meter EME. The OJOB activity shut down on June 15 after making more than 8200 contacts on all bands and modes.

Project leaders dedicated the activity to VHF pioneer Lenna Suominen, OH1NL (SK), who had experimented with EME in the 1960s and made the first-ever 2 meter EME contact, as well as the first transatlantic (Europe-US) on any band above 50 MHz, with Bill Conkel, W6DNG, in 1964. OJOB used JT65B mode, developed by Joe Taylor, K1JT. Former ARRL President Joel Harrison, W5ZN, was one of the lucky US stations to work OJOB, and Harrison served as one of the pilots for the activity. All contacts have been uploaded to ClubLog and OQRS.

very nice guy.

At the Raleigh hamfest in April 2010, Bill Finch, **W4EHF**, (SK) and Weldon, both in their late 90s, had just met for the first time. Weldon told Bill that he bet he was older than Bill. I told Weldon he just lost a bet. Bill had him beat by a couple of years in age but Weldon had Bill beat by 5 years for the oldest license, 1930 vs. 1935. Bill was 101 when he passed in 2013.

In June, a very good friend, Charlie Brown, **W4VFJ**, Wake Forrest, passed away. He was a year older than me but we had been friends since 1953 and talked back then using the AM rigs. Charlie was very active on CW and also was active as a Volunteer Examiner. We kept in touch on the air, email and at hamfests. He said he missed me at the Raleigh hamfest in April. I had another commitment that weekend. My last email from him was just 3 weeks before he passed. I didn't know he had been sick for a while. He was always up-beat.

Also in June, Bill Lambert,

Suominen, an early VHF pioneer, was deeply involved in the science of VHF communication and strongly believed that 2 meter EME contacts — dismissed by experts as being out of reach for radio amateurs — were indeed possible. His 2 meter EME contact with W6DNG in California proved the skeptics wrong, scoring more than one VHF "first."

Departure from Market Reef was reported to have been "challenging." It took six Zodiac trips to the boat to transfer all gear, antennas, and operators.

Market Reef (JP90nh) is located between Finland and Sweden. The Finnish Lighthouse Society has been restoring the Market Reef Lighthouse there, which is now fully automated. Dedicated quarters on the reef are available for Amateur Radio operation, with power from generators and solar arrays. — Thanks to Martti Laine, OH2BH, and Jarmo Jaakola, OH2BN

-via ARRL (<http://bit.ly/1NG1Hds>)

AK4H, Benson, passed away. He was the Benson/Raleigh repeater guy and it had his call sign. He was active in the Benson club and hamfest. I worked at the Benson FAA Radar site 10 miles North of Benson for 15 years and left in 1975. Bill lived about 2 miles from the site and came over to visit me a number of times and I saw him often at the Benson and Raleigh hamfests. I had known Bill for about 45 years. I'm already missing all three of my friends.

W4AMC.COM - I have put up some new BARC Field Day pictures on the web site. They include the Field Days from last year and this year. Peter, **KG4WEZ**, sent me some pictures for 2015 FD.

6 METERS - The 6 meter band had a lot of openings in June. Hope it will last a while longer especially for the CQ VHF Contest coming up July 18/19. In the last 10 days in June, I worked 24 stations in 10 states from Florida to Maine to California. Also picked up 19 new counties for a total of 139 on 6 meters. I knew Bernie would want to know about the counties! - **W4YDY**

States, Counties, Communities Recognize the Value of Amateur Radio, Field Day

Several US states, counties, and communities this month took the opportunity to formally recognize the value of Amateur Radio and the occasion of ARRL Field Day.

Connecticut Gov Dannel Malloy has proclaimed June 22-28 as Amateur Radio Week. His proclamation noted that the ARRL is headquartered in Connecticut and has been "promoting and advancing the art, science, and enjoyment of Amateur Radio" for more than 100 years. Gov Malloy cited Amateur Radio's public service contributions as well as its role in providing "a bridge between peoples, societies, and countries."

Florida Gov Rick Scott has proclaimed June 21-27 as Amateur Radio Week in his state. Scott cited Amateur Radio as a "critical communication link in the event of a disaster," noting the services that Amateur Radio Emergency Service volunteers provide in Florida's three ARRL sections. Gov Scott also expressed appreciation for SKYWARN volunteers, many of them radio amateurs, who serve as weather spotters to assist the National Weather Service.

Indiana Gov Mike Pence has declared June 22-28 as Amateur Radio Week in his state. Indiana Section Public Information Coordinator Joe March, KJ9M, said Field Day-oriented public service announcements are airing on radio stations throughout the Hoosier State. Efforts have been under way in Indiana to disseminate media releases on Field Day.

Iowa Gov Terry Branstad has proclaimed June 22-28 as Amateur Radio Field Week. He cited Amateur Radio's contributions in times of emergency and natural disaster and its role in

moving forward radio communication and the science of electronics. His proclamation also noted the role of many radio amateurs as volunteer weather spotters. Cedar Rapids, Iowa, is the home of Rockwell Collins Radio Company, where employees will take part in a "Take Your Radio to Work Day" on June 26, with tours of the company's two Amateur Radio club stations, N0CXX and W0CXX.

Kansas Gov Sam Brownback has recognized June 27-28 as Kansas Amateur Radio Field Day and encouraged all with an interest in Amateur Radio to visit a Field Day site. The governor's proclamation cited the role of Field Day in emergency preparedness.



New Hampshire Gov Maggie Hassan proclaimed June as Amateur Radio Month. She cited Amateur Radio's role in serving as "a bridge between peoples, societies, and countries by creating friendships and the sharing of ideas" as well as its value in public service during emergencies and public events. She encouraged New Hampshire citizens to recognize Field Day weekend as a "demonstration of the radio amateur's skills and readiness to provide self-supporting communications without further infrastructure required."

Oklahoma Gov Mary Fallin has proclaimed the week of June 21 as Amateur Radio Week and urged all Oklahomans "to pay tribute to the Amateur Radio operators of our state." Fallin's proclamation cites ham radio's "significant role in the development of

worldwide radio communication as well as its public service contribution. It notes that Field day "promotes the honing of radio amateurs' emergency preparedness skills." Speaking with ARRL Oklahoma Section Manager Lloyd Colston, KC5FM, Gov Fallin cited recent severe weather that Oklahoma has experienced in recent months, including tornadoes and flooding.

Washington Gov Jay Inslee has proclaimed the week of June 21 as Amateur Radio Week. He cited Amateur Radio's contributions to the public in times of emergencies and disasters. "Amateur Radio operators deserve our recognition and a salute for hundreds of jobs well done," the proclamation said.

Wisconsin Gov Scott Walker has proclaimed June 27-28 as Amateur Radio Week. Gov Walker recognized Amateur Radio's public service role and Field Day as "a 24-hour emergency preparedness exercise and demonstration" of skill and readiness to provide "self-supporting communication."

The Butts County, Georgia, Board of Commissioners has declared June 22-28 as Amateur Radio Week in the county.

Crossville, Tennessee, Mayor James Mayberry has proclaimed the week of June 22-28 as Ham Radio Week, in advance of Field Day.

In Idaho, the Kamiah City Council has proclaimed the week of June 22-28 as Amateur Radio Week. The Council also waived the fee for use of the city park for the Three Rivers Amateur Radio Club's Field Day operation. Local broadcasters are airing Amateur Radio promotional announcements.

- via ARRL (<http://bit.ly/1IrtAQ0>)

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 Jeansonne** or email to: barc@w4amc.com (no spaces)
NOTE: Commercial rates on page 5.

FOR SALE: IC-91AD D-star handheld. It is in mint condition, having been used very little. It was bought when I lived in the Columbia, SC area where there were 5 D-star repeaters, but I

very soon moved to Greenville, NC from there and it has just sat around. It does also work on standard FM repeaters, but I also had a Yaesu FT-60 and I use it exclusively for local work. I know there are no D-star repeaters in the area except for Rocky Mount and Raleigh, but someone may want that capability or know someone who does. It works on 2 meters and 440 both FM and D-star digital and receives several other bands too. I am asking \$350 for it after looking around on the internet at going prices. It originally sold for more than \$600. Included with the IC-91AD are the following; Instruction manual, Quick Reference booklet, Configuration disk, Programming cable, Wall charger, Drop-in charger and Car charger.
 Al Mullis, K4GOE,
 252-940-0510, k4goe@arrl.net

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BARC Regular Meeting Minutes - June 2015**Date:** 06-09-2015

Call to Order: Our President, Terry Monday, K4ZYD, called the meeting to order at 7:40 pm. Terry reported that Taylor Millar, W4WTM, had volunteered to finish out the year for the Secretary position vacancy. We had the Pledge plus everyone introduced themselves with their name, call letters and city.

Secretary's Report: n/a

Treasure's Report: Account balances were reported.

Equipment Report: Richard Campbell, W4JNC, mentioned the new club radio on display on the front table. It is the new HF Kenwood TS 480. He said that we also needed a pelican box for this radio. Richard also mentioned that the oil needs to be

changed in the club generator.

Next VE Session: It was announced that our next VE Session will be next Tuesday at 6:30 pm.

Ham Chatter: Dave Langley, W4YDY, mentioned the new Ham Chatter editor Joe Jeansonne. Dave said that he would continue putting breaking news on the web site.

New Business: Peter told about the Yahoo Groups on the Web. It is a way to show photos and other information that would interest the group. Other information will follow.

Field Day: June 27th and 28th. We will be setting up at the Oakwood School location. We will operate as 3A plus 1. We are to have 3 Stations plus a GOTA. Food for

the Saturday night meal will include chicken, barbecue, and ham. Everyone is asked to bring desserts. Bring your lawn chairs for supper and to sit in. We will be ready to set up at 8 AM Saturday and be on the air by 2 PM at the start of the contest. It was mentioned that Night operators are needed. This will also a good time to make lots of contacts.

Antennas: Several mentioned their ideas on antennas. Bernie, WA4MOK, told about his 6 meter beam, dual 75 Tarheel, and 40 meter dipole. Plans were mentioned for the laptops. It was also mentioned to contact Pitt Community College people who might like to attend.

Respectfully submitted by:

Taylor Millar, W4WTM, Secretary

BARC Board Meeting Minutes—June 2015**Date :** 06-30-2015

CALL TO ORDER: President, Terry Monday, K4ZYD, called the meeting to order at 7:30PM.

A review of the recent Field Day happenings was made. They mentioned the storms on Saturday. The weather on Sunday was good. The location at Oakwood School was good. There was no background noise on the radios. It was also mentioned that this might be a very good location for the QSO party. The beam at the school needs repairing was noted. It

was mentioned that we might need to approach the school to get the station up and running, and set up classes possibly on Saturdays for technician courses.

BOARD MEMBER RICHARD CAMPBELL: Richard, W4JNC, reported that we need adapters for a radio plus a head set. We are OK on filters.

The new HF radio tested good at field day and it has been a good addition to the club.

SECRETARY REPORT: No report.

VE REPORT: One passed the General and joined the club. One passed the Tech-

nician exam.

HAM CHATTER: No Report.

WEB SITE EDITOR: Dave Langley, W4YDY, reported that Joe was getting a Ham Chatter together.

Tim from Batteries Plus will have the program at the July meeting.

The Shelby Ham Fest will be in Shelby on September 5th/6th.

ADJOURNMENT: 8:30 PM**Respectfully submitted by:**

TAYLOR MILLAR, W4WTM

“Founders and Patriots of the Republic” is Theme of Annual 13 Colonies Event

The annual Independence Day week “13 Colonies Special Event” gets under way June 30 at 1300 UTC and will continue until July 5 at 0400 UTC. The theme for the 2015 event is “Founders and Patriots of the Republic.”

The object is for operators to contact 1 × 1 call sign special event stations in each of the 13 British colonies that became the US in 1776. The contact count for last year's event was nearly 109,000.

Certificates and endorsements will be available for working the 13 colonies stations, with a sticker for contacting all 13 and an endorsement for contacting WM3PEN in

Philadelphia, where independence was declared in 1776.

Those working WM3PEN will have a Liberty Bell added to their 13 Colonies certificates.

The stations on the air this year will be

K2A in New York**K2B in Virginia****K2C in Rhode Island****K2D in Connecticut****K2E in Delaware****K2F in Maryland****K2G in Georgia****K2H in Massachusetts****K2I in New Jersey****K2J in North Carolina****K2K in New Hampshire****K2L in South Carolina****K2M in Pennsylvania**

In addition to WM3PEN, UK special event station GB13COL will operate from Durham, England,



with members of the Durham and District Amateur Radio Society participating.

- via ARRL (<http://bit.ly/1IrsEBq>)

Pattern of Contact Padding Prompts Disqualifications, CQ Review of All Past Contest Logs

The CQ World Wide Contest 2008, when UT5UGR placed third in Committee said this week that it plans to review all past contest logs, after its investigation revealed a pattern of routine QSO padding on the part of one top-scoring CQ World Wide Contest operator. This follows in the wake of the disqualifications of some two dozen 2014 CQ WW SSB contest operators in April, and another 30 contestants in the 2014 CQ WW CW event. Among the latter group of DQs was the entry of Dmitry V. Stashuk, UT5UGR, of Kiev, Ukraine, for unclaimed use of assistance. TO7A had claimed the top Single-Operator, High Power score.

“During the public discussion around this disqualification, a section of the log on 160 meters was pointed out as being suspicious,” the committee said.

“Further checking revealed a run of 47 QSOs that were added to the log when TO7A could not be detected on the air by RBN [Reverse Beacon Network] or SDR recordings. In total, as many as 123 QSOs representing 22 additional multipliers were padded into the log.” The CQ WW Contest Committee said the “particular pattern” of the suspicious contacts made it clear that they were added deliberately after the contest to fill in rest or break periods.

“Radiosport competition is built on a simple foundation — the expectation that all contacts are made over the air and correctly logged,” the committee said. “Since operations are performed from the privacy of our stations and without supervision, we all trust that everyone is playing by the same rules.”

The contest committee subsequently decided to dig more deeply into past contest logs submitted by UT5UGR, many of them competitive entries, including one for a record continental score, and it uncovered evidence of log padding going back to

the world in the Single-Operator, High Power category from V31WA in the CQ WW CW.

As a result, CQ has disqualified UT5UGR’s entries in which they detected log padding and removed them from the official score database. In addition, any entry into a CQ-sponsored contest until July 2020 in which UT5UGR is the operator or listed as a participant will be reclassified as a check log.

UT5UGR’s entries as TO7A into the 2009 and 2010 in the CQ WW SSB, and his 2011 and 2014 CQ WW 160 Meter Contest SSB entries under his own call sign have been disqualified. In addition to his 2008 V31WA CQ WW SSB entry from 2008, CQ also disallowed UT5UGR’s TO7A 2014 CQ WW SSB and CW entries, as well as his TO7A entries in the CQ WW CW events in 2011, 2012, and 2013.

“This violation of the trust that underlies radiosport competition cannot be ignored,” CQ said. The CQ WW Contest Committee has announced that new log checking processes are being developed to improve the detection of log padding. “We intend to test these methods against all submitted logs from 2011-2014. If other entries are found to have added unverifiable QSOs, we will address them on a case by case basis,” CQ said.



“The CQ World Wide Contest Committee is committed to protecting the integrity of the competition as best as we can,” the CQ post said, adding that it hoped the contesting community would do the same.

- via ARRL (<http://bit.ly/1GXQfrl>)

**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 11/12..... IARU HF World Championship
 Jul 14..... **Regular Meeting**
 Jul 28..... **Board Meeting**
 Aug 11..... **Regular Meeting**
 Aug 18..... BARC **VE** Session - **Tuesday**
 Aug 25..... **Board Meeting**
 Sep 5/6..... Shelby Hamfest **
 Sep 8..... **Regular Meeting**
 Sep 12..... Virginia Beach Hamfest
 Sep 26/27..... CQ WW RTTY Contest
 Sep 29..... **Board Meeting**
 Oct 11..... Maysville Hamfest ** ***
 Oct 13..... **Regular Meeting**
 Oct 24/25..... CQ WW SSB DX Contest

Oct 27..... **Board Meeting**
 Nov 7/8..... ARRL CW Sweepstakes
 Nov 10..... **Regular Meeting**
 Nov 21/22..... ARRL SSB Sweepstakes
 Nov 22..... Benson Hamfest ** ***
 Nov 24..... **Board Meeting**
 Nov 28/29..... CQ WW CW DX Contest
 Dec 5/6..... ARRL 160 Meter Contest
Dec 8..... BARC Christmas Party
 Dec 12/13..... ARRL 10 Meter Contest
 Dec 29..... **Board Meeting**
 Jan 2/3..... ARRL RTTY Roundup

Regular Meeting - 2nd Tuesday @ 7:30 PM **Hamfests
Board Meeting - Last Tuesday @ 7:30 PM *** Date not confirmed

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 2015
Next Meeting
July 14, 2015

To:



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