

# HAM CHATTER



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



Volume 53 Issue 12

An Official BARC, W4AMC, Publication

December 2019

Editor, Dave Langley, W4YDY

Email: hamchatter @ w4amc.com

## ARRL Legislative Advocacy Committee Drafting New Bill Addressing Antenna Restrictions



The ARRL Board of Directors Legislative Advocacy Committee is in the process of drafting a new bill to address the issue of private land-use restrictions on amateur radio antennas. The proposed legislation would be the successor to the Amateur Radio Parity Act. The Legislative Advocacy Committee, chaired by Pacific Division Director Jim Tiemstra, K6JAT, will report to the Board soon, once plans are fleshed out. Tiemstra told the ARRL Executive Committee (EC) on October 12 in Aurora, Colorado, that Advocacy Committee members have traveled to Washington to meet on multiple occasions with members of Congress and their staffs to inform them of the committee's plans.

ARRL Washington Counsel Dave Siddall, K3ZJ, told the EC last month that he understands the conditional

exemption of amateur radio licensees from the RF exposure measurement requirements in the FCC's Part 97 Amateur Service rules is proposed to be removed. A Report and Order in FCC Docket WT 13-84 is making the rounds that, if adopted, would make amateur licensees subject to the same requirements as all other FCC licensees. The Report and Order is expected to be released before year's end.

Siddall also reported to the EC that the FCC is poised to address the 60-meter band amateur allocation adopted at World Radiocommunication Conference 2015 (WRC-15). The National Telecommunications and Information Administration (NTIA), on behalf of US government primary users of the band, has insisted that the maximum permitted power for radio amateurs must not exceed that agreed to at WRC-15 — 15 W effective isotropic radiated power (EIRP) or 9.1 W ERP — despite the fact that Canada has authorized its amateur licensees to use 100 W, and eliminate the current discrete channels, which ARRL's petition proposed to retain.

NTIA oversees federal government frequency allocations and users.

Minutes of the October 12 Executive Committee meeting were posted this week on the ARRL website. <<http://www.arrl.org/board-meetings>>. - via [arrl.org](http://www.arrl.org) 11/21/2019

### \*\*\* New Location \*\*\*

## Next Meeting December 10, 2019

The Brightleaf Amateur Radio Club will have its Annual Christmas Party Tuesday, December 10. The meeting location is Room 1200 in ECU Greenville Center - 2200 Charles Blvd. Enter the building on the side closest to Charles Blvd. and Inside here - Go Straight ahead and Room 1200 is at the end on the Left — just ahead of the exit doors. (This building is just North of the State Employees' Credit Union).

Arrive at 6:30 PM for table and food setup. Meal will be covered dishes with beverages furnished by BARC. Attendees should bring a covered dish. It can be from appetizers to main dish, dessert and everything in between.

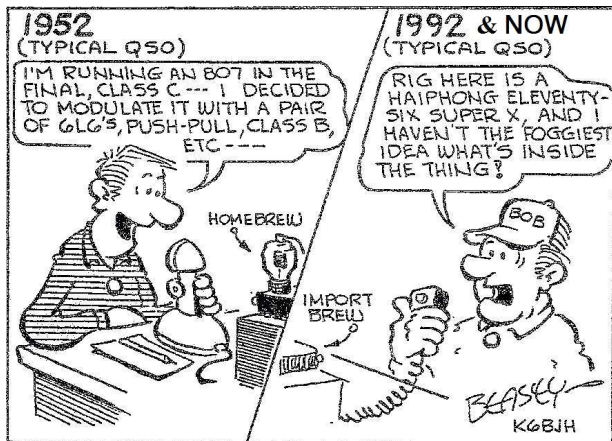
Peer awards will be awarded for BARC Ham of the Year, OM of the Year, YL of the Year, Elmer of the Year and New Ham of the Year. Also certificates will be awarded for the volunteers including 2019 Officers, Volunteer Examiners and other volunteers. Officers for 2020 will be introduced.

*All members, families and guests are invited to attend.*

## Board Meeting December 30, 2019

ONE DAY EARLIER THAN NORMAL  
BECAUSE OF NEW YEAR'S EVE

The next board meeting will be **MONDAY**, December 30, at 7:00 PM at the Offices of Monday & Monday, (CPA), Suite D, East Victoria Court. All members invited.



## President's Corner— Dave Wood, W4EJ

## Next VE Session



**Dave Wood, W4EJ**

It's hard to believe it nearly Christmas! The year 2019 has just flown by and it seems like yesterday we were celebrating

New Year's Eve. Our annual Christmas party is December 10th at our new location at 2200 Charles Blvd. in Greenville, NC at 7PM. It's "pot luck" and as in the past please bring one dish plus a desert! We always have a good turn out and I've never gone home hungry!

The club has had a really good year with new radios purchased, a new meeting location, and most importantly, a formal agreement with ECU about the VOA site C. We want everyone to make the party, so if you need a ride please e-mail me and we will make arrangements! <president@w4amc.com>

73 and see you there! *Dave, W4EJ*

### NEW LOCATION

Exams will be held on Tuesday, December 17, 2019 at 2200 Charles Blvd, ECU Greenville Center in Room 1200, in Greenville, NC. Exams will start promptly at 6:30 PM. For more info email Gary, **KK4GC**, at [ve@w4amc.com](mailto: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. \*

Go to <<http://www.w4amc.com/barcinfo.html#VE>> for more information and MAP.

## December is Youngsters on the Air (YOTA) Month



The IARU Region 1 (Europe, Africa, and the Middle East) Youth Working Group has announced that its December YOTA Month

take place again this year.

"We would like to invite you to take part with a call sign with 'YOTA' in

the suffix," the YOTA announcement said. "The idea for this is to show Amateur Radio to young people and to encourage youngsters to be active on the amateur bands."

YOTA said December YOTA Month offers an opportunity to demonstrate ham radio to the world and to invite newcomers. Participants earn certificates by working the various YOTA-suffix stations on the air throughout December. Not a contest, the event is aimed at getting as many youngsters on air from as many countries as possible. The event will take place from 0000 UTC on December 1 until 2359 UTC on December 31. — Thanks to YOTA - via [arrl.org](http://arrl.org) 11/11/2019



**Happy Birthday**

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

- |       |        |                 |
|-------|--------|-----------------|
| 12-02 | W4ZRA  | Rick LaMonica   |
| 12-11 | KG4CCX | Tod LeMoine     |
| 12-13 | KC4RBE | June Highland   |
| 12-15 | K8UR   | Dennis Mitchell |

Please let me know of any additions or corrections. [hamchatter@w4amc.com](mailto:hamchatter@w4amc.com)

## Well Wishes

Thoughts and Prayers go out to the following:

- John McCoy, K4KBB  
Doug Ferris, K4ROK

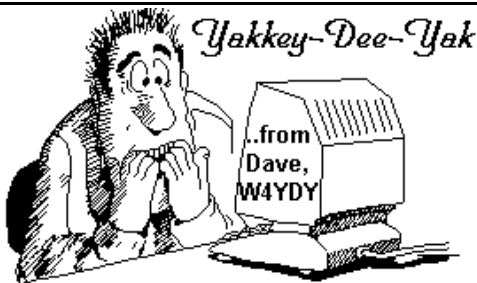


Please inform Peter Van Houten, N4PVH, of any changes.

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**WHY QST?**

The month I got my Amateur Radio license, October 1952, I sent in for my subscriptions for the QST and CQ magazines. Both had a lot to offer and still do.

QST includes ARRL membership and a wealth of information and even more now with the extra internet access for members. Members can get the digital edition of the magazine online with computers, smart phones and most portable devices.

**FCC Invites Comments on Digital AM Broadcasting Proposal**

The FCC has invited comments on a Notice of Proposed Rulemaking (NPRM), that would allow AM broadcasters to transmit an all-digital signal using the HD Radio in-band on-channel (IBOC) mode, known as MA3.1

“We tentatively conclude that a voluntary transition to all-digital broadcasting has the potential to benefit AM stations and provide improved AM service to the listening public,” the FCC said. “We seek comments on proposed operating standards for all-digital stations and the impact of such operations on existing analog stations and listeners.”

The proceeding was initiated by a March 2019 Petition for Rulemaking (Petition) filed by Bryan Broadcasting Corporation. “This proceeding continues the Commission’s efforts to improve and update the AM radio service to provide a better listening experience for consumers and enhanced service offerings, as part of our continuing effort to revitalize AM broadcasting,” the FCC said in the introduction to the NPRM.

Comments are due 60 days after the NPRM appears in The Federal Register. - via [arrrl.org](http://arrrl.org) 11/26/2019

Members can access the QST Archive and Periodical Search, Product Review Archive, Email forwarding and many E-Newsletters. I get a weekly E-Newsletters with the latest Amateur Radio news, ARES newsletter, Contest newsletter and DX newsletter. Some are weekly and others a least once a month.

I don’t do as much contesting as I have in the past, but even if you don’t do any contesting, there are always some outstanding technical articles in the Contest newsletter. It’s one you should get even if you are not a tester. The weekly DX newsletter lists the DX stations on the air from the most wanted countries. A forwarding email address is offered with your call sign @arrrl.net as long as you are a member. Of course, Life Members have it for life!

Members can search QST Archives going back to 1915. Many more

**WSJT-X Development Group Announces Second Bug-Fix Release, WSJT-X Version 2.1.2**

The WSJT Development Group, which just this week announced the release of WSJT-X version 2.1.1, has now issued a second bug-fix release, version 2.1.2. WSJT-X is the free software suite that includes the FT4 and FT8 protocols. According to the developers, an error in the code broke the WSJT-X rig control features for certain Icom radios. The Release Notes detail program changes made since WSJT-X 2.1.0. The WSJT-X 2.1 User Guide has also been updated. Upgrading from earlier versions of WSJT-X should be seamless, with no need to uninstall previous versions or move any files.

Links to installation packages for Windows, Linux, and Macintosh are available. <<http://physics.princeton.edu/pulsar/k1jt/wsjsx.html>> WSJT-X is licensed under the terms of Version 3 of the GNU General Public License (GPL). Development of this software is a cooperative project to which many amateur radio operators have contributed. The WSJT Development Group asks those using the code to let the developers know, as well as to report bugs or suggest improvements to the code. - via [arrrl.org](http://arrrl.org) 11/26/2019

advantages can be found at <<https://www.arrrl.org/join-arrrl-renew-membership/>>.

Starting in 2020, a new digital edition of *On the Air*, a new magazine for new and beginner-to-intermediate-level radio amateurs. The topics that will help you get more experience in radio technology, equipment, project building, operating and emergency communication. Looks like it will be a great addition to the new hams. It’s included with QST.

**WHY LIFE MEMBER?**

I became a Life member in 1968 shortly after it was first offered. At that time, cost was 20 times the annual cost, \$6.50, or \$130. Now that is about the cost for 2 1/2 years. It’s paid for itself many times! Cost of Life Member is now \$1225 or \$49 times 25 years. What will it be years from now! Who knows. It can be paid off quarterly for 2 years to make it less painful. I did it that way. In 1952, QST cost 40 cents on the newsstand. It’s \$6.95 now, a big increase.

*Merry Christmas - W4YDY*

**Boy Scouts Sound Last Call for US Jamboree on the Air Reports**

The Boy Scouts are urging stations that participated in the 2019 Jamboree on the Air (JOTA) to submit a report telling about their experiences. Information will be compiled into the US Jamboree on the Air Report.



If you don’t have exact numbers for some of the information, provide a judicious estimate. An additional page seeks a list of communication modes used at your location as well as your stories, suggestions for improvement, and states/countries worked.

You’ll also have a chance to submit photos and videos. Held every October, JOTA is the largest Scouting event in the world. In 2018, more than 14,700 Scouts and visitors took part in JOTA in the US. - via [arrrl.org](http://arrrl.org) 11/07/2019

## BARC Monthly Minutes - November 2019

Minutes from November 2019 BARC club meeting

Meeting location was ECU Greenville Center at 2200 Charles Blvd in Greenville.

CTO at 7:30 pm

The headcount was 19.

Recited Pledge of Allegiance

Introductions

Minutes from October 2019 board meeting read and accepted.

Treasurer's report

Bill Dawson, **WB4SLC**, gave report on the JOTA event.

Jim Lowe, **AC4JL**, gave report on the Oakwood school radio activities.

Dave Wood, **W4EJ**, discussed the upcoming class at Camp Lejeune in December and read the certificate of appreciation sent to us from the USMC.

Jim Lowe, **AC4JL**, presented the proposed budget for 2020. The budget was approved.

Passed out ballots for the 2020

officers and awards. Received one mail-in ballot from **N4GVK**.

The board was re-elected by a vote of 18-0.

Presentation by David Sourdis, **K1KK/HK1A**, on antenna and EM wave relationships.

Meeting adjourned at 9:15pm.

Gary Coriell, **KK4GC**  
kk4gc.gary@gmail.com

## BARC Board Minutes - November 2019

Minutes from November 2019 BARC board meeting

CTO at 7:20 pm

Attendance: Peter Van Houten, **N1PVH**, Dave Langley, **W4YDY**, Gary Coriell, **KK4GC**, Jim Lowe, **AC4JL**, Gerald Seighman, **KN4CKL**, Terry Monday, **K4ZYD**, Dave Wood, **W4EJ**, (by phone)

Minutes from November club

meeting read and approved.

Treasurer's report

Report from Paul Fletcher, **KS4YF**, that ECU will provide two card-keys for the VOA facility and that we are OK for the Christmas party on Dec 10.

USMC class in December was rescheduled to January 27-31 and that they have a special event scheduled for January 11 and 12.

Peter is coordinating with the Dash for Cash organization to plan for possible support from the club on December 8.

Proposed to move the December board meeting from December 31 to December 30.

Meeting adjourned at 7:43pm.

Gary Coriell, **KK4GC**  
kk4gc.gary@gmail.com

## W1AW to Commemorate 98th Anniversary of First Amateur Radio Signals to Span the Atlantic

December 11 marks the 98th anniversary of the success of ARRL's Transatlantic Tests in 1921, organized to see if low-power amateur radio stations could be heard across the Atlantic using shortwave frequencies (i.e., above 200 meters). On that day, a message transmitted by a group of Radio Club of America members at IBCG in Greenwich, Connecticut, was copied by Paul Godley, 2ZE, in Scotland.

While the first two-way contact would not take place until 1923, the 1921 transatlantic success marked the beginning of what would become routine communication between US radio amateurs and those in other parts of the world — literally the birth of DX.

To commemorate this amateur radio milestone, Maxim Memorial Station W1AW will be on the air through the day on December 11 with volunteer operators. The goal is to encourage contacts between radio amateurs in the US and Europe while showcasing the significance

of the transmissions that pioneered global communication and laid the groundwork for technology widely used today. The event will run from 1300 until 0000 UTC. Some details are still being worked out, but operation will focus on 40 and 20 meters (SSB). Contact Clark Burgard, **N1BCG**, for more information. - via [arrl.org](http://arrl.org)



**\*Strays\*** - As one little electron said to another when they bumped into each other on the grid: "I don't know you from atom!" - Hoffman Transmitter - via *October 1952 QST*, page 130.

**QST**  
PUBLISHED IN THE INTERESTS OF POPULAR WIRELESS  
BY THE AMERICAN RADIO RELAY LEAGUE, INC.

**TRANSATLANTIC TESTS SUCCEEDED!**

The Atlantic Ocean has been bridged by the signals of American amateur stations - not one but dozens of them! Paul F. Godley, sent overseas with American equipment by the ARRL, set up his station at Ardrossan, Scotland, and there copied the signals of the following stations:

SPARK	
IARY	Burlington, Vt.
IAAW	Illegal Station, not yet located
IBDT	Atlantic, Mass.
2BK	Yonkers, N.Y.
2DN	Yonkers, N.Y.
CAN.	3BP Newmarket, Ont.
C.W.	
IRU	West Hartford, Conn.
IRZ	Ridgefield Conn.
IARY	Burlington, Vt.
IBCG	Greenwich, Conn.
IBDT	Atlantic, Mass.
IBGF	Hartford, Conn.
IBKA	Glenbrook, Conn.
IXM	Cambridge, Mass.
1YK	Worcester, Mass.
2EH	Riverhead, N.Y.
2FD	New York City
2FP	Brooklyn, N.Y.
2ARV	Brooklyn, N.Y.
2AJW	Babylon, N.Y.
2BML	Riverhead, N.Y.
3DH	Princeton, N.J.
3FB	Atlantic City, N.J.
8BU	Cleveland, Ohio.
8ACF	Washington, Pa.
8XV	Pittsburgh, Pa.

This accomplishment is epoch-making and opens the door to unguessed possibilities in private radio communication. We will publish the **COMPLETE STORY IN OUR NEXT ISSUE - DON'T MISS IT!**

January 1922 20-Cents

## Preparations Resume for 3Y0I Bouvet Island DXpedition



Another attempt to activate Bouvet Island is in the planning stages, according to the 3Y0I website. Efforts are under way to secure the necessary funds.

“As you probably know, our first attempt to reach the island of Bouvet in March 2019 failed,” the news update said. “Despite complex preparations and training received in Cape Town, South Africa, our vessel got hit by a big storm so badly that we had no choice but to sail back to Cape Town to reshuffle our plans. We were so close — just 63 nautical miles offshore!” The 3Y0I sponsors esti-

mate that a second attempt would cost around \$170,000. “[W]e have already secured half of the required budget to go back to Bouvet,” the announcement said, adding that it’s beyond the capacity of the DXpedition team members to cover the entire cost, so they are trying to collect \$85,000 to fund the second attempt.

The 3Y0I team has a GoFundMe page, set up by 3Y0I team leader Dom Grzyb, 3Z9DX. No time frame was given for the second attempt by Grzyb’s team, and it’s not known if Grzyb has obtained operating permission from the Norwegian government. The 19-square-mile subantarctic island is a Norwegian dependency.

“Our intentions are clear: If we don’t reach our fundraising goal, we won’t receive nor spend a single cent you donate and it would be returned to your GoFundMe account for withdrawal or to support any other GoFundMe project of

your choice,” the announcement says.

“The future of amateur radio expeditions, especially in terms of activating entities placed across cold high-latitude seas, isn’t bright,” the 3Y0I statement says. “Apart from the uncertainty of future solar cycles’ strength that may badly reflect radio propagations, there are still very few of us who realize that visiting remote cold islands may become very seldom or even almost impossible.”

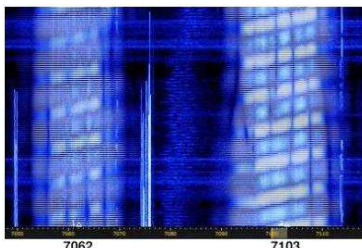
According to Club Log’s DXCC Most Wanted List, Bouvet Island is No. 2, right behind North Korea. The unrelated 3Y0Z DXpedition attempt to land on Bouvet in early 2018 failed after the vessel transporting the team developed engine issues as it lay just offshore. The last successful Bouvet activation was 3Y0E, during a scientific expedition over the winter of 2007 – 2008. — Thanks to Southgate Amateur Radio News via OPDX - via [arrl.org](http://arrl.org) 11/05/2019

### Russian OTH Radar Now Reported to be “Everywhere”

The latest International Amateur Radio Union Region 1 Monitoring System (IARUMS) newsletter reports the Russian “Contayner” over-the-horizon radar (OTHR) has been active in the 7, 10, 14, and 18 MHz amateur radio allocations (amateur radio is primary on 40, 20, and 17 meters). The OTHR transmissions have been 40 sweeps/second, FM on pulse, and 12 kHz wide.

Additionally, IARUMS reports a significant increase in Russian military traffic using F1B, PSK, and orthogonal frequency division multiplex (OFDM) on 40, 30, 20, and 15 meters.

IARUMS on November 13 reported an OTHR in northern Iran on 6.078 – 7.022 MHz, AM on pulse, 81 sweeps/second, 44 kHz wide. *via arrl.org*



Spectrum graph of the “Contayner” OTHR, courtesy of Wold Hadel, DK2OM.

### Youth on the Air Camp Coming to the Americas

The Electronic Applications Radio Service has announced that the first Youth On The Air (YOTA) camp in the United States will be taking place next June. Sponsors hope the camp will become an annual event.

The inaugural summer camp will take place June 21 – 26 at the National Voice of America Museum of Broadcasting in West Chester Township, Ohio. The West Chester Amateur Radio Association (WC8VOA) will host the event. Operating the camp will be Electronic Applications Radio Service, Inc. (EARS), a 501(c)(3) charitable organization dedicated to wireless technologies and activities.

According to the announcement, the camp will focus on building peer and mentor relationships and taking amateur radio “to the next level.” Campers will attend workshops and activities in multiple STEM-related subjects, such as radio contesting, electronic kit building, D-Star, APRS, satellite communication, antenna building, and radio direction finding and orienteering. A high-altitude balloon launch is also being planned. Campers will learn and exercise on-the-air

skills at special event station W8Y.

Contributors include Icom America, Heil Sound Ltd., X-Tronic, and R&L Electronics. Major financial supporters so far include the ARRL Foundation, the Yasme Foundation, the World Wide Radio Operators Foundation, Orlando HamCation and Orlando Amateur Radio Club, the Northern California DX Foundation, Dayton Hamvention and the Dayton Amateur Radio Association, the Huntsville Hamfest, Southwest Ohio DX Association, Radio Amateurs of Canada, and Gary West, K8DEV, and Dee Dee West, KA8DXE.

For more information, email Camp Director Neil Rapp, WB9VPG, or call (812) 327-0749.



# 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.**

## Classic Collins station FOR SALE

**KWM-2 Transceiver, Serial # 149** - Winged Emblem. Original box, 3 "KWM-2" Instruction books, dated Aug 1959, Oct 1959, Apr 1960. One "KWM-2 and KWM-2A" Instruction book dated Feb 1969. Collins Service bulletins and modification, Collins cables, mod records.

Set of spare tubes and a spare relay. Electro-Voice microphone and stand. Heathkit Q Multiplier GD-125, used as peak and notch filter on KWM-2. \$600. One owner. See the station at <http://pages.suddenlink.net/w4ydy/>.



Set of spare tubes and a spare relay. Electro-Voice microphone and stand. Heathkit Q Multiplier GD-125, used as peak and notch filter on KWM-2. \$600. One owner. See the station at <http://pages.suddenlink.net/w4ydy/>.

**512F-2 Power Supply, Serial # 2200** - Winged Emblem. Original box. Parts list and schematic in KWM-2 instruction books. Replaced tubes and all of the electrolytic capacitors in May 2018. One owner. \$300. Both: KWM-2 & PS, \$800.

**30L-1 Amplifier, Serial # 11464** - Winged Emblem. Original box, Instruction books, New power supply board installed August 2007. Used almost every week. New 811A's installed May, 2018. \$600 Collins Service bulletins and modifications records. One owner, purchased from Harrison Radio in August 1961. Will sell with or after KWM-2 & PS.

*Cabinets are 99% scratch free.*

**ROCK BOTTOM PRICES!** Internet prices **higher!**

**30L-1 PARTS:** New plate transformer in OEM box. \$200. New fan \$60. Email [w4ydy@arrl.net](mailto:w4ydy@arrl.net)

## BARC on FACEBOOK

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

## Facebook and Group details

<http://www.w4amc.com/barcnews.html#BARC>

## Commercial Ad Rates

1/8 page, Business Card Size

\$10 per Month - \$100 per Year

Send ads to: **Ham Chatter,**

**PO Box 8387, Greenville, NC 27835**

Help support *Ham Chatter* and the club. **Donations accepted!**

*Monday & Monday, CPA's, PA*

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**K4ZYD**

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## More than 1 Million Contacts Logged during ARRL Field Day 2019

ARRL Contest Program Manager Paul Bourque, N1SFE, reports that nearly 1.1 million contacts were made during the 2019 ARRL Field Day — the most popular operating event in North America. Bourque reported the 2019 ARRL Field Day results, which are available starting on page 64 of the digital edition of the December 2019 issue of QST. Bourque says in his article that more than 36,000 radio amateurs took part in ARRL Field Day 2019 across all 83 ARRL/Radio Amateurs of Canada sections, up slightly from the 35,250 reported last year. The total number of contacts was down by about 7% from 2018's 1.18 million contacts.



“This year, 3,113 entries were received from local clubs and emergency operations centers (EOCs), as well as individual portable, mobile, and home stations,” Bourque wrote in QST. Most entries were in Class A — club or non-club groups of three or more.

Of the nearly 1.1 million contacts, approximately 46% were made on phone, and 456,000 (42%) of contacts were made on CW. The remaining 138,000+ (12%) of the contacts were made on digital modes, such as FT8 and RTTY.

“This is a substantial increase compared to 2018, when total QSOs on the digital modes numbered just over 56,000,” Bourque reported. “With the last 2018 release of WSJT-X (which now supports Field Day exchanges), many participants made use of FT8’s ability to communicate when band conditions weren’t being cooperative.”

Top 10 scores ranged between W3AO’s Class 14A entry from Maryland-DC, with 32,356 points, to WINVT’s 14,876-point Class 2A entry from Vermont.

Bourque said that 95% of the 3,113 entries received came through the Field Day web applet.

“Not only is ARRL Field Day an opportunity to sharpen operating skills in temporary and portable locations, it’s also an occasion to showcase amateur radio to the local community, with clubs often setting up in publicly accessible locations and interacting with non-hams,” Bourque wrote.

Soapbox comments for Field Day 2019 are available on the ARRL website. <<http://field-day.arrl.org/fdsoapbox.php>> ARRL Field Day 2020 will take place June 27 – 28. - *via arrl.org 11/14/2019*

## 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

### National Traffic System

Eastern North Carolina Traffic Net (ENCTN) 146.685 (146.085 in) Mhz (PL 88.5) 2030E

### Pitt County Repeater Association

<http://www.pcra.us/>

### BARC Email Addresses

The following W4AMC.Com email addresses are active.

President @ w4amc.com  
Dave Wood, **W4EJ**

Treasurer @ w4amc.com  
Jim Lowe, **AC4JL**

VE @ w4amc.com  
Gary Coriell, **KK4GC**

Hamchatter @ w4amc.com  
Dave Langley, **W4YDY**

BARC @ w4amc.com  
Mike Monteith, **KM4OLT**

## ARRL Self-Guided Emergency Communication Course EC-001-S is Now Available On Demand

ARRL’s EC-001-S online “Introduction to Emergency Communication” course is now available to students in an on-demand format, allowing students to register for the course and begin work at any time. This course is designed to provide basic knowledge and tools for any emergency communications volunteer.

In response to the great course demand and to expand access to EC-001, ARRL developed a self-guided version of

the course, EC-001-S, which launched in June. This version of the course is designed for those who prefer to work independently and who do not need guidance from an online mentor. EC-001-S was previously offered only during specific sessions along with the traditional mentored version. The course opened for general enrollment on November 6.

Visit the ARRL Online Course Registration page for more information and to register. - *via arrl.org 11/21/2019*

# BARC CALENDAR OF EVENTS

Dec 7.....	ARRL 160 Meter Contest	Feb 21/23.....	CW WW SSB 160M Contest
Dec 10.....	<b>BARC Christmas Party</b>	Feb 25.....	<b>Board Meeting</b>
Dec 14.....	ARRL 10 Meter Contest	Feb 29.....	Ham Chatter <b>Deadline</b>
Dec 17.....	BARC <b>VE</b> Session	Mar 1.....	NC QSO Party at W1VOA
Dec 30.....	<b>Board Meeting 1 DAY EARLIER</b>	Mar 7/8.....	ARRL SSB DX Contest
Jan 1.....	ARRL Straight Key Night	Mar 10.....	<b>Regular Meeting</b>
Jan 4.....	Ham Chatter <b>Deadline</b>	Mar 28/29.....	CQ WW SSB WPX Contest
Jan 4/5.....	ARRL RTTY Roundup	Mar 31.....	<b>Board Meeting</b>
Jan 14.....	<b>Regular Meeting</b>	Apr 4.....	Ham Chatter <b>Deadline</b>
Jan 24/26.....	CQ WW CW 160M Contest	Apr 11.....	RARSfest, Raleigh
Jan 28.....	<b>Board Meeting</b>	Apr 14.....	<b>Regular Meeting</b>
Feb 1.....	Ham Chatter <b>Deadline</b>		<b>Regular Meeting</b> - 2nd Tuesday @ 7:00 PM
Feb 1.....	FrostFest, Richmond, VA		<b>Board Meeting</b> - Last Tuesday @ 7:00 PM
Feb 8/9.....	CQ WPX RTTY Contest		Contest Calendar: All the rules.
Feb 11.....	<b>Regular Meeting</b>		<a href="https://www.contestcalendar.com/weeklycont.php">https://www.contestcalendar.com/weeklycont.php</a>
Feb 15/16.....	ARRL CW DX Contest		

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**



December 2019  
Christmas Party  
December 10

To:



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