

Ham Chatter



Volume 54 Issue 8

An Official BARC, W4AMC, Publication

August 2020

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BARC in-person Meetings, Regular, Board and VE session cancelled until further notice.

**Next Meeting - On ZOOM.
August 11, 2020, 7 PM**

More than 12,000 Register Early for QSO Today Virtual Ham Expo

More than 12,000 have registered to attend the first QSO Today Virtual Ham Expo, August 8 – 9, QSO Today host Eric Guth, 4ZIUG, said this week. <https://www.qsotodayhamexpo.com/>

“Since the Expo is a completely new experience for the ham radio community, it’s great that so many people are excited and already registered,” he said. “And with almost 3 weeks before the event, the number of registrants continues to increase.” Attendance is free, and there are early-bird prize incentives for registering by July 24.

More than a typical web meeting, the Expo is built on a live virtual platform commonly used by Fortune 500 companies and major universities. The platform simulates a convention experience with an exhibit hall and booths staffed by live attendants, a speaker auditorium, and even a lobby. Attendance just requires an internet connection and a computer, tablet, or smartphone.

The Expo will offer four separate speaker tracks focusing on a range of topics. Speakers will also be able to provide related material, such as slides and white papers, that attendees can download. Every session will have a Q&A where attendees can submit questions in real time via chat.

More than 30 booths will be



open for attendees to visit, and exhibitors will have different options to engage with attendees. Exhibitor booths can provide downloadable content, such as videos, spec sheets, and manuals, and attendees can save content in a virtual briefcase to read later. Visitors will also be able to interact one-on-one with booth representatives, using a Skype-like system.

“The experience of a virtual expo is not meant to replace in-person conventions,” Guth said. “However, I strongly believe that virtual events in our community are here to stay. Given COVID-19 and its likely lasting impact on travel, especially given our demographic, this virtual expo enables the ham community to continue coming together to learn and engage.”

Guth said that younger hams who have grown up with the internet will feel comfortable with the Expo platform, “making it easier for them to participate and find their place in this remarkable hobby.”

Access to all speaker presentations and exhibitor booth content will remain on the Expo site for 30 days following the event.

The QSO Today Virtual Ham Expo is an ARRL-sanctioned hamfest. - via arrl.com 07/22/2020

The Brightleaf Amateur Radio Club will have its next meeting Tuesday, August 11, 2020 at 7 PM. The meeting will be on ZOOM. See front page article in the April, 2020 *Ham Chatter* for details on setting up and signing in. Contact Peter Van Houten, N4PVH, for details if you are having trouble setting up.

Program: An informative video of founder Bob Heil, K9EID, of Heil Sound titled "Understanding Speech Articulation by Dr. Bob Heil, K9EID".

All members, families and guests are invited to attend.

Board Meeting - August 25, 2020
The meeting will be on ZOOM. The next board meeting will be Tuesday, August 25, at 7:00 PM via Zoom. All members invited.

Introducing The ARRL Current

ARRL has a new way to let members know when the digital editions of QST and other publications are available. Distributed via email, The ARRL Current offers a monthly overview of ARRL publications and member benefits. The inaugural edition launched in June.

Subscribe now to receive each issue going forward. Manage your email preferences from your ARRL account (members must first be registered on the ARRL website).

Go to the Edit Email Subscriptions page, select The ARRL Current, and then click Save. The next issue should show up in your in box in early August..

President's Corner, Dave Wood, W4EJ



Dave Wood, W4EJ

I hope everyone is well and staying safe. Our next meeting is via Zoom on August 11th. Lew has lined up a presentation from Bob Heil on transmitter audio and this promises to be a great learning opportunity for all of us.

At the last board meeting we discussed the club picnic which will fall on September 8th this year. Normally this would be held at my qth and since we usually have under 25 attendees, we can still hold the event and stay within the guidelines of the Executive Order and social distance easily as we have the room to do so. However, my xyl just reminded me that we will be out of town that week attending a

family reunion. Soooo, we will need to discuss moving the picnic to September 15th as our September meeting.

73 and see everyone on Aug 11th at 7 pm. *Dave, W4EJ*

ARRL Official Joins BARC

Susan Langley Jones, **WA4AKB**, Raleigh, joined BARC in July. She is editor of the North Carolina ARRL Section web site. <<http://www.ncarrl.org/>>

VERY IMPORTANT CORONA VIRUS INFORMATION

WEAR ANY MASK while outside in public AT ALL TIMES (N95, surgical mask or bandanna in that order of effectiveness) as they all reduce the spread of the virus. The data shows that there is a 98% reduction in transmission of the virus if you wash your hands at least 4x a day and wear a mask. Lets ALL DO THIS for the sake of the country!!!!

Dr. Peter Van Houten, N4PVH

Login for BARC meeting on Zoom

Peter Van Houten, **N4PVH**, will be running Zoom for the meeting. To join, use his Zoom number, 699-723-8982. The password will be sent via email. If you have problems, call or email Peter or another club member.

Well Wishes

Thoughts and Prayers go out to the following:
Byron Highland, **K4BMH**
John McCoy, **K4KBB**
Doug Ferris, **K4ROK**
Please inform Peter Van Houten, **N4PVH**, of any changes.



Next VE Session

AUGUST SESSION CANCELLED

Exams will be held on Tuesday, August 18, 2020 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. (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. *

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

In This Issue

<i>QSO Today Virtual Ham Expo</i>	1
<i>Next Meetings</i>	1
<i>Presidents Corner - W4EJ</i>	2
<i>Next VE Session - SEE ABOVE</i>	2
<i>Yakkey-Dee-Yak from Dave</i>	3
<i>ARRL Award Certificates</i>	3
<i>FCC Fines HobbyKing \$2.83 Million</i>	4
<i>Janice, KJ4JPE, John, KJ4EJH, SK</i>	4
<i>MMSM Aids Sailing Vessel</i>	5
<i>Air Ambulance to Easter Island</i>	5
<i>Lighthouse Lightship Weekend</i>	6
<i>FD 2020 Shaping up for Record</i>	7
<i>Traffic-Handling Webinar Series</i>	7
<i>BARC Calendar of Events</i>	8



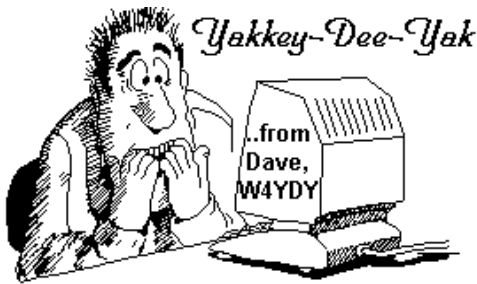
Happy Birthday

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

08-01	KG4GVJ	Mark Raysin
08-19	KS4YF	Paul Fletcher
08-20	KV4CN	Dave LeMoine
08-21	WA4AKB	Susan L. Jones
08-25	K4GOE	Al Mullis

Please let me know of any additions or corrections. If yours is missing, I don't have it! Please, please email *hamchatter (at) w4amc.com*

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ARRL Contest Certificates

If you have entered any of the ARRL contests and sent your results to the ARRL, you can download the certificate in PDF or JPG formats. You may print the certificate from the PDF file or use the 500 pixel JPG version to post on a website or newsletter. They can be found at <https://contests.arrl.org/certificates.php> and you enter your call sign. If you have any, they will be displayed for downloading in the two formats.

When I checked, there were 20 certificates waiting for me. It was ARRL contests that I had entered and had uploaded the contest results from 1993 to 2011. There would have been more but I didn't upload data from 2003 to 2010. I did work some contests but I stopped uploading the results most of the time. Also I was concentrating more on working counties since 2001.

Below is an article from the

ARRL about the contest certificates. Just go the URL in the first paragraph of this column and enter your call sign to see the results if you uploaded your results for the contests. You do not have to be a member of the ARRL.

I did still work contests but did not spend as many hours in them after about 2004 and that included the CQ contests and other organizations that sponsored contests. Modes worked were SSB, CW and RTTY. Have over 100 countries in each mode.

QSL Cards

Contests are a very good way to build up your contacts for WAS, DXCC, WAC, WAZ and other awards. With conformations via the Internet now, the cost for confirming contacts is a lot cheaper. I do miss collecting QSL cards but new ones are not needed now. I will sent a return QSL if requested. There are QSL bureaus that reduce the cost.

At this time, I have about 2000 DX cards and 4000 USA cards filed in 6 index card boxes. There include 1961 DX and 8831 USA confirmations. The USA cards confirm the 3077 counties for CQ Magazine. No, you don't have to send them in to the awards manager. They are checked by 1 or 2 other operators and the manager will request several cards from the counties he names.

I enjoy going through the cards to relive the contacts and see the different designs.

ARRL Membership - 4 Magazines

On the front page of this newsletter is an article about *ARRL Current*. This is a notification sent monthly to ARRL members that have their profile set up on the ARRL web site. I have several email subscriptions checked. The ARRL Current is also checked. Once a month, I get an email notifying me that the four ARRL magazines *QST*, *On the Air*, *QEX* and *NCJ* are online.

You may select one of them for a hard copy edition. I get *QST*, a monthly magazine. The others are bi-monthly and have fewer pages, about 30 to 50 so you can easily read them online. They can also be read on smart phones and Amazon Kindle. All of them can be printed for pages selected. I can make a PDF with my printer.

The *On the Air Magazine* is for beginners and experienced. It is the best magazine I have ever seen for beginners. I enjoy reading the articles. It would have helped me a lot in 1952 especially since the closest hams were 30 miles away and I didn't know them!

QEX is for the more advanced ham. There is some interesting content but I think you may need an EE degree for some of the articles.

NCJ is the National Contest Journal. There are many good and interesting articles about those who operate contests, etc. and contest results.

I think all ARRL members will enjoy contents from all of the magazines. Everyone should become an ARRL member. **It's a bargain with four magazines.**

Birthday Greetings

Thanks to everyone that sent me birthday greetings. Someone posted it on the club Facebook and I started getting HB emails. At first I didn't understand how everyone knew my age but that someone sent me a copy of the posts!

About 10:30 AM that day I started working some FT4 and FT8. After several quick contacts, I though why not work the same number of stations as my age. My own personal Yakkey-Dee-Yak contest! I worked my age at 7:57 PM. Watched a couple of movies during that time. Already have 55 confirmed. - W4YDY

More ARRL Contest Award Certificates Now Available for Download



The ARRL Contest Branch has announced that more contest award certificates are now available for download from the ARRL website in PDF and JPEG formats. Just enter the call sign used.

ARRL Contest Branch Manager Bart Jahnke, W9JJ, said downloadable certificates

now are available for these additional events: the 2017 ARRL 10 GHz and Up Contest, the 2017 November Sweepstakes, the 2017 ARRL 10 Meter Contest, the 2017 160 Meter Contest, the 2018 RTTY Roundup, and the 2018 January VHF Contest.

Jahnke said 2018 ARRL Interna-

tional DX Contest certificates would become available in the very near future.

Already available are downloadable certificates for the 2017 IARU HF Championship, the 2017 ARRL 222 MHz and Up Distance Contest, and the 2017 ARRL September VHF Contest.

Jahnke said the new online certificates will offer enhanced content over what has been previously available on ARRL certificates. New recognitions have been added for Top 10 participants in a broader number of geographical (country, Division, Section) or categorical entries. New event certificates will be announced as they are released. In the near future, he said, certificates for contests going back a decade or so will become available for those who never received a certificate or need to replace one. - via arrl.org 07/20/2018

FCC Fines HobbyKing Nearly \$3 Million for Marketing Unauthorized Drone Transmitters



The FCC has issued a Forfeiture Order (FO) calling for HobbyKing to pay a fine of \$2,861,128 for marketing drone transmitters that do not comply with FCC rules. An FCC Enforcement Bureau investigation stemmed in part from a 2017 ARRL complaint that HobbyKing was selling drone transmitters that operated on amateur and non-amateur frequencies, in some instances marketing them as amateur radio equipment. The fine affirms the monetary penalty sought in a June 2018 FCC Notice of Apparent Liability (NAL). The FCC said its investigation found that dozens of devices marketed by the company transmitted in unauthorized radio frequency bands and, in some cases, operated at excessive power levels. "Such unlawful transmissions could interfere with key government and public safety services, like aviation systems," the FCC said. "We have fully considered HobbyKing's response to the NAL, which does not contest any facts and includes only a variety of legal arguments, none of which we find persuasive," the FCC said in the FO. "We therefore adopt the \$2,861,128 forfeiture penalty proposed in the NAL."

The FCC pointed out in the FO

that it has previously made clear that "[d]evices used in the Amateur Radio Service do not require authorization prior to being imported into the United States, but devices for other services, including the CB service, require Commission approval." The FCC investigation found that 65 models of devices marketed by HobbyKing should have had FCC certification.

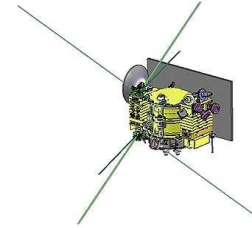
Responding to the NAL, HobbyKing claimed to have ceased marketing the 65 models the FCC identified, but promised only to make "best efforts" not to market other noncompliant RF devices. "HobbyKing has a continuing obligation to market only radio frequency equipment that is properly authorized," the FCC said. "We therefore remind HobbyKing that continuing to market noncompliant radio frequency devices could result in further significant forfeitures."

HobbyKing has 30 days to pay the fine. If it fails to do so, the matter will be referred to the Department of Justice for collection. - *via arrl.org 07/27/2020*

Sitejabber Review

HobbyKing is a Hong Kong based company and has a consumer rating of 1.56 stars out of 5 stars from 186 reviews indicating that most consumers are generally dissatisfied with their purchases. The most common issues with HobbyKing are around customer service, which is not good. - *via Sitejabber*

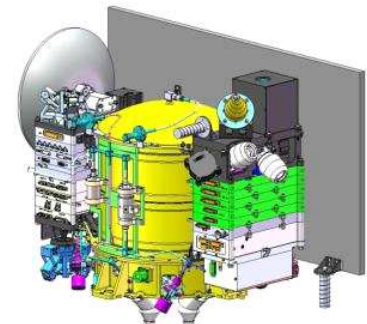
Nature Communications Article Features LO-94, First Lunar-Orbiting Ham Radio Spacecraft.



Nature Communications Article Features LO-94, First Lunar-Orbiting Ham Radio Spacecraft A July 9 Nature Communications

article, "Design and flight results of the VHF/UHF communication system of Longjiang lunar microsattellites," describes the Longjiang-2/Lunar-OSCAR 94 (LO-94) spacecraft, which carried the first amateur radio communication system into lunar orbit.

As a part of China's Chang'e-4 lunar far side mission, two lunar microsattellites for low-frequency radio astronomy, amateur radio, and education — Longjiang-1 and Longjiang-2, were launched as secondary payloads on May 20, 2018, along with the Queqiao L2 relay satellite. Five days later, Longjiang-2 successfully inserted itself into an elliptical lunar orbit of $357 \times 13,704$ kilometers ($221 \times 8,496$ miles) to become the smallest spacecraft to enter lunar orbit with its own propulsion system. The satellite carried a VHF/UHF SDR, designed for operation with small ground stations.



The article describes and evaluates the design of the VHF/UHF radio and the modes used. Flight results of the VHF/UHF radio are also presented, including operation of the radio, performance analysis of downlink signals, and the first lunar orbit UHF very-long-baseline interferometry (VLBI) experiment. - *via arrl.org/news 07/17/2020*

Janice Hopkins, KJ4JPE, SK and John Hopkins, KJ4EJH, SK



Very sad to hear that John and Janice Hopkins, Swansboro, NC, passed away in July. Both were very active in Amateur Radio.

John Joseph Hopkins Jr., 72, **KJ4EJH**, of Swansboro died July 7, 2020, at Moses Cone Hospital. Among those surviving were his wife, Janice.

Janice Hopkins, **KJ4JPE**, passed away on July 30, 2020, at the age of 74. She was loved and cherished by many people including : her daughter Jennifer Wrubel (John) of Swansboro; her sister Phyllis

Kristal of Brookline, Mass.; and her pet Buggsy.

Janice was on the Board of Directors for the Eastern North Carolina Repeater Association, and Net Control for Newport/Morehead Skywarn and the Eastern North Carolina Traffic Net. She was very active in operations during hurricanes and other weather problems. She received email each month when *Ham Chatter* went online.

The Brightleaf ARC sends their condolences to their family.

Thanks to Bryon Highland, **K4BMH** for notifying *Ham Chatter* about Janice and John. Thanks to Dave Roy, **W4DNA**, for notifying Bryon.

Maritime Mobile Service Network Comes to the Aid of Vessel in Distress



The Maritime Mobile Service Net (MMSN) on 14.300 MHz came to the assistance of a sailing vessel on June 25. MMSN control operator Steven Carpenter, K9UA, took a call on 20 meters from Ian Cummings, KB4SG, the skipper of the *Mystic Lady*, then some 40 miles east of Florida. Cummings reported that his engine had failed as he was attempting to return to his home port of Stuart, Florida. He not only had insufficient wind, but a strong current was carrying the vessel out to sea. Cummings had been unable to reach any station via his VHF marine radio, since he was too far from the coast. Assisting in the call was Robert Wynhoff, K5HUT, also an MMSN net control operator. Cummings said his vessel, with one passenger on board, was drifting northwest toward the South Carolina coast.

“A major concern was that the vessel was heading directly towards a lee shore,” the MMSN reported. “Lee shores are shallow, dangerous areas which are a hazard to watercraft. Vessels could be pushed into the shallow area by the wind, possibly running aground and breaking up.”

Carpenter contacted Cummings’ family, who had already called the Sea Tow marine towing service. Sea Tow advised Carpenter to tell the captain to head closer to shore by sailing west, if possible. Carpenter told Cummings that if he was unable to get nearer to shore, he

would notify the US Coast Guard, which was already monitoring the situation.

As the MMSN reported, “The *Mystic Lady* was able to make some headway, but it was very slow. Members of the MMSN made additional calls via landline to the captain’s family as to the ongoing status of those on board. The family was concerned but relieved that communication was established and that all were well.”

Several hours later, the captain advised that the wind had picked up, allowing him to head close enough to shore for Sea Tow to reach the vessel and take it back to port.

The Pacific Seafarers’ Net, which monitors 14.300 MHz from the West Coast after the MMSN secures at 0200 UTC, kept in touch with the *Mystic Lady* into the night while it was under tow.

The tired, grateful captain later messaged the net, “A million thanks to everyone last night who helped rescue us on 14.300. Everyone chipped in as we drifted north in the Gulf Stream 60 miles headed to a lee shore. The MMSN net control and several others stayed with us for hours, phoned people, and were immensely helpful. The situation on board was dangerous. We are now safely under tow home. You folks are amazing!”

In operation since 1968, the MMSN monitors 14.300 MHz 70 hours a week to assist vessels and others in need of assistance. — Thanks to MMSN Net Manager Jeff Savasta, KB4JKL - *via arrl.org* 07/06/2020

Radio Amateurs Help Air Ambulance



Peru’s Radio Club Peruano (RCP) reports that Guillermo Guerra, OA4DTU/XQ3SA, and the Peruvian Relief Net assisted an air ambulance en route to Easter Island on July 9 after its satellite communication equipment failed. The aircraft was about 1,000 nautical miles from the continent, so the pilot tuned to the Peruvian Relief Net on 7100 kHz.

Net control station OA4DTU and Giancarlo Passalacqua, OA4DSN, were still on frequency, and communication was established with the aircraft. The pilot detailed its tenuous connection and requested support to communicate via telephone with Ocean Air Control, a service of the Directorate General of Aeronautics of Chile, which watches over 32 million square kilometers of air space off the Chilean coast in the Pacific.

Authorities were already on alert for the aircraft because of the communication loss, plus the HF at the Easter Island tower was inoperative. About 10 phone calls were made to point out the aircraft’s position and route schedule, as well as any additional information needed. Other hams in Peru were listening in and standing by.

Guerra remained in contact with the aircraft until he was sure that it would reach its destination. At approximately 2330 UTC, the pilot reported making VHF contact with the Easter Island control tower for landing instructions. — Thanks to Radio Club Peruano - *via arrl.org*

FCC Announces Closing of Filing Window at its Headquarters

The FCC permanently closed its filing location at FCC Headquarters — Open Window Counter, 445 12th Street SW, Room, TW-A325, Washington, DC 20554 — effective on July 7. This change is for security measures, and in anticipation of the upcoming FCC Headquarters move. Hand-carried



documents will no longer be accepted at the FCC Headquarters.

After COVID-19 restrictions are lifted, 9050 Junction Drive, Annapolis Junction, Maryland 20701, will be the only location where hand-carried documents for the FCC will be accepted. The filing win-

dow for hand-carried documents will be open from 8 AM until 4 PM, Monday through Friday.

“These changes are being made to enhance security measures and in conjunction with the Commission’s upcoming relocation to a new headquarters building located at 45 L Street NE, Washington, DC 20554, which is scheduled to occur later this year,” the FCC said in announcing the change. - *via arrl.org* 07/14/2020

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.**

FOR SALE: Yaesu Vx5. \$75. Richard Campbell, **W4JNC** (252) 758-1244 or richardecu@gmail.com.

FOR SALE: Three 10 foot sections of Rohn 25G tower for sale. Priced to sale, \$50 each. Bill Dawson, **WA4SLC**, (252) 946-4760, or email DAWSONW@ecu.edu

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!**

International Lighthouse Lightship Weekend on Track for 2020

Registrations for this year's popular International Lighthouse Lightship Weekend (ILLW) appear to have been largely unaffected by the current COVID-19 pandemic. The event will take place this year over the August 22 – 23 weekend. By mid-July, more than 200 entries had been received, and some 400 are expected to have signed up by the event weekend.

New to this year's event is Corsica at Phare d'Alistro, which for ILLW purposes carries the French number of FR0030. Two lighthouses in Ghana will be on the air for the first time, as well as Buck Island Lighthouse in the US Virgin Islands (VI0001). Germany is well in the lead with 54 entries, followed by Australia with 29 entries, and the US with 27 entries.

This event is designed as a fun weekend to encourage exposure to amateur radio and lighthouses to the visiting public, and ILLW stresses contacts should be more than just an exchange of signal reports. All participants are urged to observe local COVID-19 safety guidelines.

Thanks to Kevin Mulcahey, VK2CE - via arrl.org 07/15/2020

BARC MEMBERS

If you are not receiving *Ham Chatter* email notices from me, please send an email to ham-chatter@w4amc.com so I can get your email address. I know some have said they do not receive them but haven't sent me their address. You may miss some important BARC notices. - W4YDY

BARC on FACEBOOK

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

Facebook and Group details

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

Pitt County Repeater Association


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

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Field Day 2020 is Shaping Up to be One for the Record Books **NETS**

ARRL Contest Program Manager Paul Bourque, N1SFE, reported that ARRL has received more than 8,700 online Field Day entries by mid-week, and paper-only entries have started arriving too.



“As many participants chose to operate from home this year — and given the 2020 rules waivers, we have seen a tremendous increase in entries over last year’s event,” Bourque said. “Most of the entries received have been through the online web app, and Headquarters staffers have begun processing the paper entries this week. The 2020 waivers allowed indi-

vidual club members to attribute their scores to their clubs.

Participants who submitted entries online are encouraged to check the Field Day entries received page to verify that their entries are marked as

complete, and that the club name entered is correct. Entries with a status of “pending” are incomplete entries that are missing one or more items, and these need to be completed for an official entry. Share your stories and photos using the ARRL soapbox or via social media, such as on the ARRL Field Day Facebook group. - *via arrl.org/news 07/16/2020*

Traffic-Handling Webinar Launches Ham Radio Learning Series

A live presentation from ARRL North Texas Section Traffic Manager Aaron Hulett, K8AMH, inaugurated the new ARRL Learning Network on Tuesday, July 28. The webinar series features 30-minute presentations from experienced members covering a variety of amateur radio topics and interests. Hulett’s webinar, “Relay Stations and the Art of Traffic Handling,” introduced techniques and skills practiced by radio amateurs like himself who relay messages during emergencies, disasters, and other incidents that interrupt conventional telecommunications, including the internet. Through an overview of the ARRL National Traffic System, Hulett shared examples of preparing a radiogram and resources for finding traffic nets and other volunteers.

“Aaron hit a home a run,” said Bob Inderbitzen, NQ1R, ARRL Product Development Manager and moderator for Hulett’s webinar. “His presentation was the perfect balance of knowledge-sharing and enthusiasm that will surely motivate other members to try their hand at traffic handling.” A recording of the webinar is available for members to view

The webinars are hosted using GoToWebinar. Members are invited to ask questions during each webinar, and a 15-minute Q&A period follows each presentation for those who can participate longer. A running list of upcoming live

presentations is available; and prospective attendees may register on the same page. ARRL members must first log into the ARRL website.

***HF Wire Antennas - George Cooley, NG7A, ARRL Life Member**

Thursday, August 6, 2020, 12:30 PM PDT / 3:30 PM EDT (1930 UTC)

***Introduction to Digital FM Modes - Korey Chandler, Sr., WA5RR**

Tuesday, August 11, 2020, 5 PM PDT / 8 PM EDT (0000 UTC on Wednesday, August 12)

***Introduction to Computer Logging - Steven Lott Smith, KG5VK**

Thursday, August 13, 2020, 12:30 PM PDT / 3:30 PM EDT (1930 UTC)

***Capture the Magic of 6 Meters - Jim Wilson, K5ND**

Tuesday, August 18, 2020, 10 AM PDT / 1 PM EDT (1700 UTC)

***The Sport of Finding Hidden Transmitters on Foot - Robert Frey, WA6EZV, ARRL Amateur Radio Direction Finding Committee**

Thursday, August 20, 2020, 12:30 PM PDT / 3:30 PM EDT (1930 UTC)

Inderbitzen encourages other members to be considered for future ARRL Learning Network webinars by inviting them to complete a Call for Speakers form. “It’s all about members helping members. What better way to grow greater participation in amateur radio!” - *via arrl.org 07/29/2020*

NETS

VHF/UHF

◆**BARC Net**, Mondays, 2000 on 147.09 MHz, W4GDF Repeater.

◆**Down East Hospital Net**, 2nd Tuesday of each month at noon

Greenville 444.725 MHz, 91.5 tone N4HAJ

Fountain 444.425 MHz, 88.5 Tone N4HAJ

◆**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

BARC Email Addresses

*President @ w4amc.com

to Dave Wood, **W4EJ**

*Treasurer @ w4amc.com

to Jim Lowe, **AC4JL**

*VE @ w4amc.com

to Gary Coriell, **KK4GC**

*Hamchatter @ w4amc.com

to Dave Langley, **W4YDY**

*QSL @ w4amc.com

to Richard Campbell, **W4JNC**

*BARC @ w4amc.com

to Mike Monteith, **KM4OLT**

BARC CALENDAR OF EVENTS

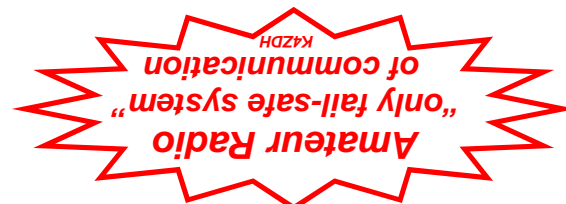
Aug 1. Ham Chatter **Deadline**
 Aug 11. **Regular Meeting - 7PM**
 Aug 18. BARC **VE Session - 6:30 PM**
 Aug 25. **Board Meeting - 7PM**
 Aug 29. Ham Chatter **Deadline**
 Sep 8. **Regular Meeting - 7PM**
 Sep 26/27. CQ WW RTTY DX Contest
 Sep 29. **Board Meeting - 7PM**
 Oct 3. Ham Chatter **Deadline**
 Oct 13. **Regular Meeting - 7PM**
 Oct 20. BARC **VE Session - 6:30 PM**
 Oct 24/25. CQ WW SSB DX Contest
 Oct 27. **Board Meeting - 7PM**
 Oct 31. Ham Chatter **Deadline**
 Nov 7/8. ARRL CW Sweepstakes
 Nov 10. **Regular Meeting - 7PM**

Nov 21/22. ARRL SSB Sweepstakes
 Nov 24. **Board Meeting - 7PM**
 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 15. BARC **VE Session - 6:30 PM**
 Dec 29. **Board Meeting - 7PM**
 Jan 1. ARRL Straight Key Night

Regular Meeting - 2nd Tuesday @ 7:00 PM
Board Meeting - Last Tuesday @ 7:00 PM
 Contest Calendar: All the rules.
<https://www.contestcalendar.com/weeklycont.php>

BARC 2 METER NET - MONDAY NIGHTS AT 8:00 PM - 147.09 W4GDF REPEATER - 131.8 Tone
 Down East Hospital Net - 2nd Tuesday at noon - Greenville 444.725 MHz, 91.5 tone N4HAJ
 BRIGHTLEAF AMATEUR RADIO CLUB STATIONS

W 1 V O A - W 4 A M C - W 4 U H S



Next Meeting on ZOOM
 August 11, 2020 - 7 PM

August 2020

To:



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