

# Ham Chatter



Volume 54 Issue 11

An Official BARC, W4AMC, Publication

November 2020

Editor, Dave Langley, W4YDY

Email: w4amc @ qsl.net

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

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

The w4amc.com domain was transferred to another server. David Meeks, KN4VJR, will be the editor. He and Peter Van Houten, N4PVH, have designed a new look for the web site. The w4amc.com email addresses have changed. They are updated on page 7. They are in effect now.

I will retired at full pay as web site editor after 24 1/2 years effective the first week in January 2021. In July 1996, the club authorized me to start a web site for BARC. W4AMC was chosen because BARC was already in use by another club.

More to come as the new web site is developed. - W4YDY

## Guidelines Issued for ARRL DX Contest Multioperator Stations



ARRL has issued guidelines for multioperator stations competing in the ARRL DX Contest (CW and phone). With the global pandemic continuing to impose restrictions on social gatherings, multioperator contest stations may not be able to operate normally while still adhering to local social distancing guidelines. ARRL has taken the decision to make temporary accommodations for a multioperator station to participate as a team in these popular ARRL contests, under these guidelines:

Team members may operate from their home stations in conjunction with the multi-op station.

Their home station must be located within a radius of 100 kilometers (62 miles) of the multiop contest station.

Their home station must be located within the same DXCC entity as the multiop contest station.

All team member stations must use the same call sign and exchange as the multiop contest station for the duration of the contest.

Logging software must be networked, so that all team member stations are using a common log.

Individual operators may not work the multiop contest station or other team member stations using a personal call sign or other call sign.

All multioperator rules, such as band changes and number of signals on a band, still apply. See the full contest rules for details.

The team must determine and control band assignments, ensuring that no more than one team station is transmitting on any given band at a time.

The multiop contest station may be staffed at less than full capacity while maintaining safe practices, so operating with a combination of team members at home stations and team members at the contest station is permissible.

The CW contest takes place on the third full weekend in February (February 20 – 21, 2021). The phone contest takes place on the first full weekend in March (March 6 – 7, 2021).

For questions, contact the ARRL Contest Branch. - via [arrl.org](http://arrl.org) 10/22/2020

## Next Meeting - On ZOOM November 10, 2020, 7 PM

The Brightleaf Amateur Radio Club will have its next meeting Tuesday, November 10, 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: "Overview of Elecraft Products" by Eric Swartz, Co-founder and COO of Elecraft. Also, see below.

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

## 2021 BARC Officers Nominations

The election for 2021 BARC Officers will be at the November 10 meeting that will be conducted on Zoom. The nominations; President, Peter Van Houten, N4PVH; Vice President, Byron Highland, K4BMH; Secretary, Beth Gonzalez, KN4FZB; Treasurer, Jim Lowe, AC4JL; Trustee, David Meeks, KN4VJR. Trustee, Past President Dave Wood, W4EJ.

Also at the November meeting, 2020 Peer awards will be selected by secret ballot to be awarded at the December meeting.

## Board Meeting - November 24, 2020

**The meeting will be on ZOOM.** The next board meeting will be Tuesday, November 24, at 7:00 PM via Zoom. All members invited.

## Login for BARC meetings 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.

## President's Corner, Dave Wood, W4EJ



**Dave Wood, W4EJ**

I hope everyone is well and staying safe. Our next meeting is via Zoom on November 10th at 7 pm.

The featured speaker will be Eric Swartz, **WA6HHQ**, who is the Co-Founder and COO of Elecraft. He will be giving a lecture on Elecraft's solutions for amateur radio. I myself am very interested in the new K4 SDR platform. I'm sure this will be a very informative presentation and I know we will all learn something.

Turning to the December meeting, the output of our last Board meeting was that we would poll the membership as to whether we still want to have an indoor Christmas party this year, due to the COVID situation. I would like to discuss this after the presentation. The board was



*Happy Birthday*

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

11-03	AF4QY	Bob Hanrahan
11-08	KD4NHZ	Walter Allen
11-11	W4EJ	Dave Wood
11-18	KN4LVD	Daniel Hayes

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*

leaning towards no unless we could find a really big venue to house the party. So put your thinking hats on, and be prepared to discuss this on the 10th.

73 and looking forward to the next meeting. *Dave, W4EJ*



**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**

## 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

**SESSIONS CANCELLED DUE TO COVID-19? STAY TUNED.**

Exams will be held on Tuesday, 11/10/2020 at 72200 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:

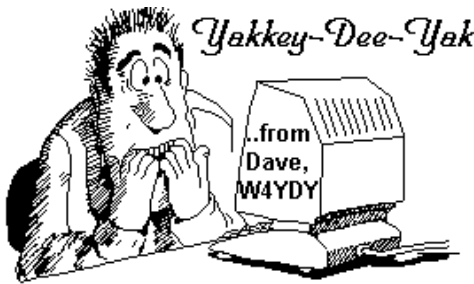
- Photo ID (drivers license)
- Original Amateur Radio License
- Copy of Amateur Radio License
- Original CSCE's
- Copy of CSCE
- Test fee is \$15.00 .
- Proof of Tech Plus if before 3/21/87 and doing paper upgrade to General.
- SS Number will be needed if you don't have an FRN number. \*

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

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**Peer Award Ballot for Brightleaf ARC Members ONLY. Deadline is November 14. Awards will be made at the December 8 meeting.**

RETURN THE BALLOT TO MIKE LANGLEY, KD4MTT  
 Mike Langley, KD4MTT <kd4mtt@gmail.com>  
 DO NOT CC OR SEND IT TO ANYONE ELSE!!

**Peer Awards**

**BARC Members:** Be sure to fill out the Peer Awards ballot. If you didn't get one via email, copy the one on this page and email it to Mike Langley, KD4MTT <kd4mtt@gmail.com> **ONLY.** It's a secret vote.

**Ham Chatter & w4amc.com**

With my job of Web Site and Ham Chatter coming to an end, it will be nice not to have to write another monthly column. This will be the 284th column written for Ham Chatter. That's every month since June 1997. The cartoon above shows what I felt many times when I started in the next month column. Sometimes there was plenty to write about but other times when there was not a club activity that just happened or was nothing scheduled, it took a little time to come up with something that would interest club members. I probably failed at that many times.

Besides the column, there was a lot of reading Amateur Radio news and then deciding on articles that would interest as many members as possible. Then when the decisions were made on which articles to include, there was the formatting of the newsletter. That took some time to hopefully make the final product to look decent. I usually spent the most time the week after the board meeting reading, writing, formatting and getting the final newsletter finished.

The January 2021 Ham Chatter issue will be my last. Thanks to Mark Raysin, **KG4GVJ**, for volunteering to be the next Ham Chatter editor.

I am also ending my editing of the BARC web site. Peter Van Houten, **N4PVH**, has transferred the domain name, w4amc.com, to WordPress.com so we are no longer using GoDaddy for our server. Peter is setting up the new look for the W4AMC web site. David Meeks, **KN4VJR**, is taking over as editor of the

**BALLOT FOR 2020 PEER AWARDS**

Ham of the Year \_\_\_\_\_  
 Winners for the last 3 years are NOT eligible so do not vote for them. **WA4MOK, N4PVH, W4EJ**

Elmer of the Year \_\_\_\_\_

New Ham of the Year \_\_\_\_\_

YL of the Year \_\_\_\_\_

OM of the Year \_\_\_\_\_

On CW, until a name is known, everyone is called an OM, no matter their age, no minimum, no maximum. It started in the early 20th Century. It should be someone that is very active in the club.

web site. Peter will assist him in whatever he needs.

I will continue to update the old BARC web site at <https://www.qsl.net/w4amc/> until early January. All the Ham Chatters will remain there along with all the pictures and videos of BARC activities that go back over 20 years at <<https://www.qsl.net/w4amc/hamchatter.html>>. There are links at the new w4amc.com web site labeled "Old Web Page Link" and "Ham Chatter Archive". The BARC web site has had the QSL.NET server since 1999. It was changed to GoDaddy when the QSL.NET had problems. In early January 2009, Scott Neader, KA9FOX, stepped forward to keep the service going. All QSL.net services were then moved to new hardware located at a large US data center. Works great and fast.

I think club members will find it very interesting to look at some of the old pictures and videos from the past, especially Field Day. The direct link to the BARC media is <<https://www.qsl.net/w4amc/barcpics.html>>.

Along with the newsletter and the web site, I also did the roster from about 1999 to 2018 and forwarded email to all members about new Ham Chatters going on line, meeting times and other announcements about BARC activities.

**Bill Pedersen, KM1C, SK**

Bill, **KM1C**, 78, Oriental, passed away 9/15/20. He was a friend and very well respected county hunter. Bill went by Hollis's house the day after a tornado leveled it in 2011. He decided to start a fund for Hollis to take care of some of his expenses. He call me to help and I announce it at the BARC club meeting. BARC members and many county hunters pitched in and Bill surprised Hollis, **KC3X**, and Sandy with the results.

In 2011, I needed 2 counties to finish working all 3077 for the 5th time. Bill said he would get them for me. He drove 550 miles to Kentucky for one and then another 150 miles to Ohio for the last. On his 700 mile trip back home, I worked him in 22 counties to start the 6th time. Many will miss him. RIP Bill. - **W4YDY**

## Radio Amateurs in Western Pennsylvania to Commemorate KDKA Broadcasting Centennial

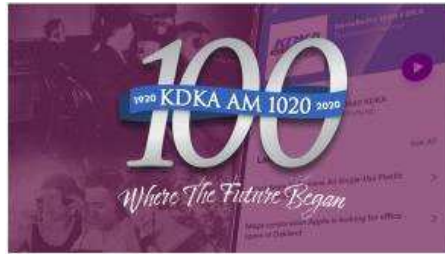
Pittsburgh radio station KDKA will celebrate 100 years of radio broadcasting in November, and Pennsylvania radio amateurs will honor that milestone in a multi-station special event. KDKA dates its broadcasting history to the airing of the Harding-Cox presidential results on November 2, 1920, and the station has been on the air ever since. The special event, which will involve the operation of four stations, will run through the entire month of November.

“More than 100 years ago, many experimenters started delving into a new technology known as wireless, or radio,” said Bob Bastone, WC3O, Radio Officer for the Skyview Radio Society in New Kensington, Pennsylvania. Bastone explained that many of those early pioneers were radio amateurs. “One hundred plus years later, many amateur radio operators are still contributing to wireless technology, while also serving their communities and enhancing international goodwill. Congratulations to KDKA Radio, also known in the early years as amateur radio stations 8XK, 8ZZ, and W8XK.”

Special event stations K3K, K3D, K3A, and W8XK will set up and operate at several locations in Pennsylvania during November. Stations will determine their own modes and schedules. Visit the W8XK

profile on QRZ.com for information on certificates and QSLs.

What became KDKA initially began broadcasting in 1916 as amateur radio station 8XK, licensed by the Federal Radio Commission (FRC), the predecessor to the FCC. At the time, amateurs were not prohibited from broadcasting. The small station was operated by Dr. Frank Conrad, who was Westinghouse Electric and Manufacturing Company assistant chief engineer.



The transmitter ran 75 W, and the broadcasts gained some popularity in Pittsburgh.

During World War I, amateur radio operation was suspended due to national security concerns. After the war, 8XK was reorganized as a commercial AM radio station, KDKA. The first transmissions of KDKA originated in a makeshift studio on the roof of Westinghouse K Building in East Pittsburgh.

Ham radio clubs participating in

the centennial special event include the North Hills Amateur Radio Club in Pittsburgh — which is planning to operate from KDKA’s 1930s’ transmitter site, where an original tower pier still stands. A 1920s’ transmitter site, in Forest Hills, will serve as another operating location. In addition to the North Hills ARC and Skyview Radio Society, other clubs taking part include the Panther Amateur Radio Club, Steel City Amateur Radio Club, the Wireless Association of South Hills, the Butler County Amateur Radio Public Service Group, and the Washington Amateur Communications Radio Club.

Individual radio amateurs will operate from their own stations, and a small group of hams is planning a portable operation from South Park in suburban Pittsburgh.

Stations will invite the public to visit, while observing the required social distancing protocols.

“We amateur radio operators look forward to contacting thousands of other hams around the world to celebrate this huge milestone in the commercial broadcasting industry,” said Bastone. Contact him for more information. — Thanks to ARRL Public Information Officer and Allegheny County ARES Emergency Coordinator Bob Mente, NU3Q, for providing the information for this story. - *via arrl.org 10/28/2020*

## Oldest Known US Radio Amateur, Cliff Kayhart, W4KKP, SK at 109

Charles Clifford “Cliff” Kayhart, W4KKP, of White Rock, South Carolina, died on October 26, a few days past his 109th birthday. An ARRL member, he was the oldest known US radio amateur and possibly the oldest ham in the world.

Last November, Roanoke Division Director Bud Hippisley, W2RU; Vice Director Bill Morine, N2COP, and South Carolina Section Manager Marc Tarplee, N4UFP, jointly presented Kayhart with ARRL’s Centurion Award, which honors centenarian members with at least 40 years of ARRL membership. On that occasion, Hippisley interviewed Kayhart.

First licensed in 1937 as W2LFE in New Jersey, he also held W9GNQ. According to his obituary, Kayhart built his first radio at the age of nine. After working for New York Telephone Company as a young man, he became enamored with engineering, so he headed off to Tri-State University in Indiana, graduating with a degree in aeronautical engineering. Afterward, he went to work for



During World War II, Kayhart joined the US Army Signal Corps, which sent him off to school to study radar. He was assigned to the US Army Air Corps in Georgia and then sent to Hawaii to become part of a Signal Service Battalion. He served at Iwo Jima, shortly after the US victory there, setting up equipment for long-range radio communication and broadcasting, with rhombic antennas in four directions.

In 1946, Kayhart left the Army with the rank of captain, joining Magnavox the following year as its first field engineer; at the time, Magnavox was about to launch a

line of television sets. Eventually, he was transferred to the Customer Acceptance Department in Tennessee. Kayhart traveled to Japan in 1963 in search of Japanese television sets. He retired from Magnavox in 1976. Positions followed at Philco Radio and Bendix Aviation.

After Kayhart moved into an assisted living facility in 2017, he had an HF station in his room, courtesy of the Dutch Fork Amateur Radio Group, to which he belonged, and the Columbia Amateur Radio Club. Kayhart remained active on the air until shortly before he died.

According to his obituary, Kayhart was also the oldest surviving Iwo Jima veteran and eighth oldest living US male. He was also the oldest man on the South Carolina Honor Flight trip to Washington, DC. Kayhart was profiled in the June 2018 issue of QST. - *via arrl.org 10/29/2020*

## ARRL Urges Members to Join in Strongly Opposing FCC's Application Fees Proposal



ARRL will file comments in firm opposition to an FCC proposal to impose a \$50 fee on amateur radio license and application fees. With the November 16 comment deadline fast approaching, ARRL urges members to add their voices to ARRL's by filing opposition comments of their own. The FCC Notice of Proposed Rulemaking (NPRM) MD Docket 20-270 appeared in the October 15 edition of The Federal Register and sets deadlines of November 16 to comment and November 30 to post reply comments, which are comments on comments already filed. ARRL has prepared a Guide to Filing Comments with the FCC which includes tips for preparing comments and step-by-step filing instructions. File comments on MD Docket 20-270 using the FCC's Electronic Comment Filing System (ECFS).

Under the proposal, amateur radio licensees would pay a \$50 fee for each amateur radio application for new licenses, license renewals, upgrades to existing licenses, and vanity call sign requests. The FCC also has proposed a \$50 fee to obtain

a printed copy of a license. Excluded are applications for administrative updates, such as changes of address, and annual regulatory fees. Amateur Service licensees have been exempt from application fees for several years.

The FCC proposal is contained in a Notice of Proposed Rulemaking (NPRM) in MD Docket 20-270, which was adopted to implement portions of the "Repack Airwaves Yielding Better Access for Users of Modern Services Act" of 2018 — the so-called "Ray Baum's Act." The Act requires that the FCC switch from a Congressionally-mandated fee structure to a cost-based system of assessment. In its NPRM, the FCC proposed application fees for a broad range of services that use the FCC's Universal Licensing System (ULS), including the Amateur Radio Service. The 2018 statute excludes the Amateur Service from annual regulatory fees, but not from application fees. The FCC proposal affects all FCC services and does not single out amateur radio.

ARRL is encouraging members to file comments that stress amateur radio's contributions to the country and communities. ARRL's Guide to Filing Comments includes "talking points" that may be help-

ful in preparing comments. These stress amateur radio's role in volunteering communication support during disasters and emergencies, and inspiring students to pursue education and careers in engineering, radio technology, and communications.

As the FCC explained in its NPRM, Congress, through the Ray Baum's Act, is compelling regulatory agencies such as the FCC to recover from applicants the costs involved in filing and handling applications.

In its NPRM the FCC encouraged licensees to update their own information online without charge. Many, if not most, Amateur Service applications may be handled via the largely automated Universal License Service (ULS). The Ray Baum's Act does not exempt filing fees in the Amateur Radio Service, and the FCC stopped assessing fees for vanity call signs several years ago.

See also "FCC Proposes to Reinstate Amateur Radio Service Fees," <<http://www.arrl.org/news/fcc-proposes-to-reinstate-amateur-radio-service-fees>> reported by ARRL in August, and a summary page <<http://www.arrl.org/FCC-Fees-Proposal>> of the proceeding. - *via arrl.org 10/27/2020*

## FCC Headquarters Relocates

FCC Headquarters has moved. The new address is 45 L St. NE, Washington, DC 20554. The change is effective immediately. The FCC announced plans to move last spring, but the transition was delayed by the COVID-19 pandemic.

The FCC, like many federal agencies, has its own zip code, so there will be no disruption in mail delivery sent by USPS to the former address. The FCC still prohibits the delivery of hand-carried documents, and all COVID-19 restrictions or instructions regarding access to FCC facilities remain in place at the new location.

"The FCC continues to balance its efforts to be accessible to the public with the need for heightened security and health and safety measures and encourages the use of the Commission's Electronic Comment Filing System (ECFS) to facilitate the filing of applications and other documents



when possible," the FCC said in an October 15 Public Notice. Due to the pandemic, the move was accomplished by professional movers without the presence of any employees, all of whom had been working from home. An attempt was made during the summer to let employees back into headquarters for a day to pack up their offices and remove personal belongings, but that plan had to be scrapped after several employees tested positive for COVID-19.

Most FCC staff continue to work from home and are not expected to be

physically present in their new offices before next June.

In anticipation of the planned move, the FCC last spring also announced the adoption of a new FCC seal. The redesign is the product of an agency-wide contest that solicited proposals from employees and contractors. The revised design incorporates several elements: communications technologies; four stars on the outer seal border, drawing from the legacy of the predecessor Federal Radio Commission (FRC) seal, retaining the three-wire dipole supported by two towers; 18 stars on the shield, recognizing the current number of bureaus and offices; and the eagle and shield, identifying the FCC as a federal government agency.

Official use of the new seal was to begin following completion of the FCC's move from The Portals to its new location on L Street NE. - *via arrl.org 10/19/2020*

# 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.

## ARRL Logbook of The World Harmonizes Designation of FST4 Protocol

The Logbook of The World (LoTW) Committee worked with WSJT-X developer Joe Taylor, K1JT, to harmonize the designation of FST4 among WSJT-X, the ADIF standard, and LoTW. At present, FST4 is only supported in a recently released beta version of WSJT-X. The committee's action was to avoid the sort of confusion that cropped up among LoTW users logging contacts in FT4 when that protocol was first included in WSJT-X. In the case of FST4, the committee acted proactively to help users avoid difficulties and obtain the maximum number of contact matches. The ADIF standard has been updated to support FST4 as a sub-mode of MFSK, and configuration file CONFIG.xml for LoTW has been updated to version 11.13, accordingly, to support FST4. Users will be offered the update when they run TQSL.

Again, FST4 is only available in WSJT-X. An ADIF file emitted by WSJT-X should properly identify FST4, so that contacts will upload smoothly into LoTW, provided the CONFIG file has been updated. — Thanks to Greg Widin, K0GW - via *arrl.org* 10/19/2020

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### 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/>

## 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!**

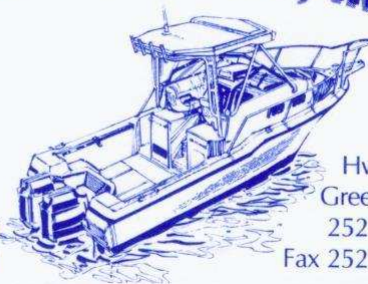
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Certified Public Accountants

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**K4ZYD**

105-D East Victoria Ct.  
Greenville, NC 27858

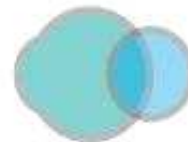
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Fax (252) 321-2991

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Mike Langley  
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<https://ECRetina.com>

## ARRL National Convention and Orlando Hamcation® Postponed to February 2022



ARRL and the Orlando Amateur Radio Club (OARC) have announced that the ARRL National Convention and Orlando HamCation® — which was to host the convention — have been postponed until February 10 – 13, 2022. The convention had been set for next February.

“The joint decision came after considering the national public health emergency including the health and safety of all participants, the uncertainty that continues to impact our organizations, and the reluctance to travel to, and attend, large events,” said ARRL CEO David Minster, NA2AA. “We regret the disruption to the hard work already completed by so many volunteers preparing for the ARRL National Convention and HamCation.”

“While postponing was a difficult decision, our top priority is delivering a safe and successful HamCation experience for everyone, including our attendees, dedicated volunteers, exhibitors, and service partners,” said HamCation General Chairman Michael Cauley, W4MCA.

OARC President John Knott, N4JTK, noted that holding the convention in 2022 will mark the 75th anniversary of HamCation — one of the largest annually

held gatherings of radio amateurs in the US. The published gate figure for 2020 was 24,200 for all 3 days.

“We want our diamond anniversary show to be an exciting, five-star event,” said Knott. “We look forward to seeing you in Orlando in 2022, and hope that you and your loved ones remain safe in the months to come.”

A full day of National Convention programming and training sessions was previously scheduled to precede HamCation. That will be rescheduled for Thursday, February 10, 2022. HamCation will host the rest of the convention on Friday, Saturday, and Sunday, February 11 –13, 2022 at the Central Florida Fairgrounds and Expo Park in Orlando — an 87-acre lakefront fairgrounds.

Cauley said HamCation may organize some online presentations and programs for what would have been HamCation 2021 next February. A QSO party is also under consideration. The HamCation website will soon post details, including information for anyone seeking refunds and other options for pre-purchased tickets and exhibit space. Follow HamCation on Facebook, Twitter, and Instagram.

Further details and any changes will be shared via these official websites:

2022 ARRL National Convention  
Orlando HamCation  
- via [arrl.org](http://arrl.org) 10/05/2020

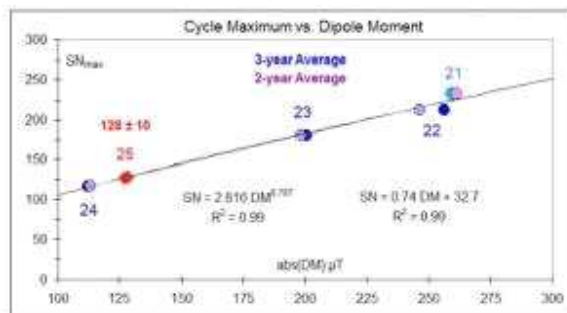
## Solar Physicist Predicts a Slightly Better Solar Cycle 25

Solar physicist Leif Svalgaard of the W.W. Hansen Experimental Physics Laboratory at Stanford University has predicted a maximum sunspot number of  $128 \pm 10$ , slightly better than Solar Cycle 24.

“The overall average is  $132 \pm 47$  (median 124),” he said. “None of these numbers are substantially different, so one could perhaps just go with the ‘wisdom of the crowd.’ All predictions that we consider have the underlying assumption that the sun has not changed its behavior (its ‘spots,’ so to speak) on a time scale of a few centuries (the Maunder Minimum may be a possible violation of that assumption), and that there will be no such

changes in the near future, in spite of speculative suggestions.” Those included one of his own in 2013.

Svalgaard characterized the science of solar cycle prediction to be still in its infancy, “borne out by the extreme range of predictions of Cycle 25.” — Thanks to Frank Donovan, W3LPL - via [arrl.org](http://arrl.org) 10/07/2020



## 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

**\*\* NEW \*\***

## BARC Email Addresses

- \*Info @ w4amc.com  
to Peter Van Houten, **N4PVH**
- \*Treasurer @ w4amc.com  
to Jim Lowe, **AC4JL**
- \*Hamchatter @ w4amc.com  
to Mark Raysin, **KG4GVJ**
- \*QSL-VE @ w4amc.com  
to Richard Campbell, **W4JNC**
- \*Webmaster @ w4amc.com  
to David Meeks, **KN4VJR**

# BARC CALENDAR OF EVENTS

Nov 7/8 ..... ARRL CW Sweepstakes  
 Nov 10 ..... **Regular Meeting - 7PM**  
 Nov 21/22..... ARRL SSB Sweepstakes  
 Nov 24 ..... **Board Meeting - 7PM**  
 Nov 28 ..... Ham Chatter **Deadline**  
 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  
 Jan 2..... Ham Chatter **Deadline**  
 Jan 2/3 ..... ARRL RTTY Roundup  
**Jan 5 \*\* W4YDY RETIRES AS HAM CHATTER  
 AND WEB SITE EDITOR \*\* QRT**

Jan 12..... **Regular Meeting - 7PM**  
 Jan 26..... **Board Meeting - 7PM**  
 Jan 29/31..... CQ WW CW 160M Contest  
 Feb 9..... **Regular Meeting - 7PM**  
 Feb 13/14..... CQ WW WPX RTTY Contest  
 Feb 23..... **Board Meeting - 7PM**  
 Feb 26/28..... CQ WW SSB 160M Contest  
 Mar 6/7..... ARRL SSB DX Contest  
 Mar 9..... **Regular Meeting - 7PM**  
 Mar 27/28..... CQ WW SSB WPX Contest  
 Mar 30..... **Board Meeting - 7PM**

**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  
 November 10, 2020 - 7 PM  
**November 2020**

To:



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