

The "Official Organ".

The Official Newsletter of the Johnston Amateur Radio Society, Inc.

September 2019 edition

JARS Meeting This Thursday:

Our regular monthly JARS meeting is this coming Thursday, Sept. 19th at 1273 N Brightleaf Blvd, Smithfield, NC 27577. Be there around 630pm if you wish to eat and the meeting starts at 7pm. This will be our first meeting with our new leadership. It should be a good meeting.

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Life on the Farm:

It has been an interesting time here on the farm this past month. We made our annual trek across the mountains on Labor Day weekend to see family and get some good cooking that you can't get on this side of the mountains. Two of

my favorites are chicken dumplings and pinto beans and you just can't get them cooked like that on this side of the mountains.

The next weekend we were supposed to go to Virginia, but a little thing named Dorian changed our plans. During the storm we all piled up here at the farm house as it is the only house here on the hill that has a full house standby generator. During the storm, we developed a roof leak in our bathroom. To our good luck, it was over the bath tub so I didn't worry about it. Later on, after the storm, I got my heavy ladder and climbed up on the roof only to find out just out of shape I am in. I found the culprit. One of the shingles at the bathroom vent had been pulled loose. I had two brand new tubes of sealant and a caulking gun, so I thought that it would be an easy fix. As luck would have it, both tubes, (one was brand new and never opened), had turned as hard as a brick inside the tubes.

I made yet another trip down the ladder and went to the shed to see what else I had to seal it with. Lo and behold, I found a roll of Flex Tape about six inches wide and took it up the ladder with me and proceed to seal around the bathroom vent. I know this stuff works because a few years ago, I found a leak on the water pipe under the house and used it to seal the leak and it is still holding.

Usually, I am the one to either get sick or hurt. This time, Velda figured that it was her turn. She woke up one morning feeling weak, dizzy and nauseous. Now for those that don't know

Velda, she has to be in pretty bad shape to want to go to the emergency room. That day, she told me she wanted to go to the emergency room. So, we loaded her up in the car and went to the ER at Duke Raleigh. They did a chest x-ray, EKG, CT scan and about five gallons of blood work. They said that she had an infection of some sort and had her see her doctor the next day. Well, the next day they did even more blood work. It turned out that she had a viral infection, and those just have to run their course. She is now doing better.

On top of all that, we had a sick cat with an infection. And put him on antibiotics that we had to give him twice a day. Talk about fun, you try giving a cat oral liquid antibiotic. We had to mummify him in a towel and pry his mouth open to get them in. Thankfully, he is over the antibiotics and back to his usual self. If you noticed, I did not say normal, because, here at the farm, nothing is ever normal.

Thad is it from Life on the Farm. 73 from Mike(KD4MC) aka C3PO, Velda(K4VJC), Remington(Hairy Hound), Tabitha(Krazy Kat), Midnight(Tom Kitty), Sandy(dog and a half long and half a dog high), and Fluff(Little Ball of Fur).

Presidential Comments:

Our next regular club meeting will be:

Thursday, September 19, at 6:30 pm

Grandsons Buffet

1273 (North) Brightleaf Blvd.

Smithfield NC 27577

Directly in front of Wal-Mart

We usually gather between 6:00-6:30 pm for dinner and the meeting starts at 7:00 pm

Be sure to tell the cashier you are with the JARS Club.

Visitors with an interest in Ham Radio are always welcome.

As some of you will remember from our August meeting at Grandsons, we had a problem with the restaurant booking two groups in the same dining room at the same time. I have talked with the General Manager Josh Lesmann and have been assured that this will not happen again. We have reservations confirmed for the third Thursday of every month from 6:00 PM to 9:00 PM in the private dining room to the left. Keep in mind that if you arrive early before 5:55, they might not be able to seat you until 6:00. In looking to our future, if anyone has a suggestion of another restaurant they would like to try, just let me know.

President's Message:

TO: JARS Club Members

FROM: Scott Wilkinson KJ4TUC,

President-for 2019-2020

I would like to say "Thank You" to the members of JARS for electing me to serve as your President for the ensuing term.

When I joined JARS a few years ago as a new member, I never thought of or planned to be President. I would have been satisfied to just be a member of the group. As I got more involved, and got to know some of the members, and developed new friendships, I soon discovered that JARS was where I belonged.

I would like to especially thank two people that paved the way for me to become President: (1) Mark Gibson, when he was President, he asked me to serve on the Constitution & Bylaws

Committee. The old one was out of date and a new version needed to be written. As I worked with several other members, I found that we shared a common goal for the future of the club. (2) I would also like to thank Mike Callam. While serving this past year as his Vice-President, we have developed a strong friendship and he has been a teacher to me in the ways of normal JARS operations. Without theirs and the help and support of several other members I would not be your President today.

Also, I have had some experience with other clubs and fraternities that have given me a pretty good understanding of normal operations.

I don't plan to be a dictator. I believe the club should be run by the members. As your president, it is my duty to give direction and advice, organize the general operations of the club, and to be available to make a decision in case of an emergency or other need arises. For upcoming events and special projects, I will appoint committees to do the planning, implementation, and execution of these events and special projects. *See separate list of committees.*

As most of you know, my background is in Law Enforcement and Public Safety. I will use my training and experience as guidance in helping to develop plans for JARSCOM and service to our community in time of need. Now that JARSCOM is almost completed and nearing operational status we will need to train JARS members on all operations of the truck including use of the radios and emergency equipment, to meet requirements to be recognized by AUXCOMM, JoCo Emergency Management, and other Public Safety agencies. I would also like to establish a good working relationship with other Ham clubs in the area and to see JARS club members represented at

Ham Radio related events throughout the state. For this year's theme, I would like to concentrate on emergency preparedness; learning how to help ourselves and others, and helping Public Safety/Emergency Management during times of a communications emergency. I would also like to focus on educating the public on what Ham Radio is all about and recruiting new members.

It is my personal vision, for JARS to be highly respected among the Ham Clubs in the five surrounding counties and recognized throughout the state for outstanding community involvement. This can be done by (1) recruiting new members, (2) going out in the community and telling folks who we are and what we do, (3) teaching new hams of the many operational modes of ham radio insuring the future of the hobby (4) by making ourselves available to help out in the event of a communications emergency and getting JARSCOM fully equipped and recognized by Public Safety/Emergency Management as available for its first real deployment, (5) by getting all members, new and old, more involved in participating in the business and activities of the club, (6) and by seeking publicity from local media.

All this, while we continue to enjoy having our monthly dinner meetings full of fun and fellowship.

Your advice is much appreciated. If you have a comment or suggestion, please contact me at: KJ4TUC@hotmail.com

Anytime a member or committee chairperson has business to present, I am requesting that they first present their business or ideas at a

regular Board of Director's meeting that it may be properly discussed so that the regular club membership meetings can flow smoothly and efficiently in a timely manner. Unless otherwise announced, the Board of Director's meetings will be held about a week before the regular club meeting, at a convenient time and place for the Board members, of which due and timely notice will be given.

Monthly JARS Newsletter: If you are reading this, you are reading it in the monthly JARS Newsletter. The Newsletter is published every month by our News Media Director and distributed via email several days before our regular stated club meeting. The purpose of the Newsletter is to keep the members informed of all news, business, and upcoming events related to JARS or of interest to hams in the area.

I am requesting that all Officers and Committee Chairpersons submit something every month to the Newsletter. It doesn't have to be long, just a paragraph to tell what your group has been doing the past month and what your group plans to do next month. Any other member is also invited to submit things they think may be of interest to JARS members, from advice on radios and antennas to cooking recipes. Include Pictures. *(Just make sure it is your own work and not in copyright violation)* Email your submissions to our News Media Director (Mike Callam: jarsmember@centurylink.net) no later than 7 days before our regular stated club meeting.

I would also like to give thanks to the senior founding charter members of the JARS Organization for making all this possible. I hope that I can live up to your high standards as our club moves forward.

Again, Thank You, and I look forward to working with you this new term.

Scott Wilkinson KJ4TUC,
JARS President

Upcoming Events:

Mule Days in Benson NC,

September 26-29, 2019

Upcoming Events:



CERT training class in Benson NC

Benson Fire Department

313 (South) Elm Street,

Benson NC 27504

Friday - October 11, 6:00 PM – 9:00 PM

Saturday - October 12, 9:00 AM – 5:00 PM

Sunday - October 13, 9:00 AM – 5:00 PM

Upcoming Events:

Jars-Fest in November

Our next JARS major event will be **Jars-Fest**, our Ham Fest in November.

Our Jars-Fest committee is now making plans. This is our biggest event of the year and all members are asked to participate. It takes the hard work of a lot of JARS members and other

ham friends to make our annual Ham Fest successful. Mark your calendar for Sunday, November 17, 2019. The location will be at the American Legion Complex at 605 N Wall St., in Benson NC. If you would like to help on that day, contact committee chairperson Mike Callam for an assignment.

EMERGENCY PREPARATION:

It's September. Fall is here and Winter will soon be approaching. Now is the time to get prepared. Be sure to listen to the **PREP NET** every **Tuesday night at 9:pm** on the **147.27 repeater**, hosted by Doug Williams KS4TI. Doug is our resident expert on emergency preparation and the PREP NET is designed to give us tips on how to survive in all types of emergencies. They discuss everything from a short power outage all the way up to a major catastrophic event. So, if you have questions on what supplies you need to stock up on, use of generators, food preparation and storage without electricity, how to take cover during severe weather, personal protection/self defense, and what to do when the lights go out, tune in on Tuesday nights.

JARS Logo Shirts: (T-Shirts and Golf Shirts)

If anyone still wants to order a shirt, contact Paulette Disbrow KM4RMW, or come to the next club meeting. These are really nice shirts. It will identify you as a JARS member. Nice to wear at any Ham Radio event, if deployed on JARSCOM, Jars Fest, working in the Emergency Operations Center alongside 911 dispatchers, or anytime you are representing the JARS Club. A uniformed appearance shows a high level of professionalism when in public view.

Magnetic car decals:

Magnetic car decals with the JARS logo will present a professional image at Ham Radio events or community events, and will identify your car as a JARS member on official business if assisting public safety or emergency management. If you would like to place an order, contact Mike Callam KD4MC



Name & Call Sign Badges



Custom badges with JARS logo

http://hambadger.com/index.php?route=product/category&path=75_77

Just something to think about: (All these definitions I found on the Internet)

Amateur: An amateur is a person who does something for enjoyment, not money, like an amateur who paints as a hobby but earns a living another way. The adjective amateur often describes a pastime, like an amateur sport

league that people join to get exercise and socialize together.

Amateur Radio Service: Amateur radio, also known as ham radio, is the use of radio frequency spectrum for purposes of non-commercial exchange of messages, wireless experimentation, self training, private recreation, radio sport, contesting, and emergency communication.

ARRL: A national organization to advance the art, science, and enjoyment of amateur radio.

Hobby: An activity done regularly in one's leisure time for pleasure.

Society: An organization or club formed for a particular purpose or activity.

Volunteer: Activity where an individual or group provides services for no financial or social gain to benefit another person, group, or organization.

Copied from Part 97 of FCC Rules and Regulations:

§ 97.3 Definitions.

(a) The definitions of terms used in part 97 are:

(1) **Amateur operator.** A person named in an amateur operator/primary license station grant on the ULS consolidated licensee database

to be the control operator of an amateur station.

(2) **Amateur radio services.** The amateur service, the amateur-satellite service and the radio amateur civil emergency service.

(4) **Amateur service.** A radio communication service for the purpose of self-training, intercommunication and technical investigations

carried out by amateurs, that is, duly authorized persons interested in radio technique solely with a personal aim and without pecuniary interest.

(5) **Amateur station.** A station in an amateur radio service consisting of the apparatus necessary for carrying on radio communications.

So exactly what is the Johnston Amateur Radio Society? A group of amateur hobbies' that volunteer their time to a society supporting the Amateur Radio Service.

JOHNSTON AMATEUR RADIO SOCIETY ("JARS") is a non-profit corporation chartered by the State of North Carolina and affiliated with the Amateur Radio Relay League Incorporated ("ARRL"). It shall be our primary purpose to further the Amateur Radio Service ("ARS") through programs, activities, and education, in order to promote the radio knowledge, fellowship, and individual operating efficiency of our members in Johnston and surrounding counties. Further, it shall be our purpose to support the welfare of our community through public service including radio communications for emergency situations and public events, and through providing information, training, and assistance to individuals or organizations with an interest in the ARS.

Committee appointments:

To: Committee Chairpersons and Committee members

From: Scott Wilkinson, JARS President

As your newly elected President, one of my first responsibilities is to organize my administration so as to take care of the business of the club.

This involves appointing certain committees to take care of certain business of the club, organize special events, and fulfill the goals of the club.

Every civic club that I have ever been a member of there is only about 10% of the members that do 100% of the work. Therefore, you may have been assigned to more than one committee.

Each of you was selected based on:

1. Your dedication to the JARS Club
2. Your expertise in radio communications
3. Your background, training, or work experience
4. Your special interest in certain topics
5. Your willingness to help others in time of need

Every one of you has a special talent that makes you a perfect fit for certain committees. All are welcome to help. If anyone has a special interest and wants to be added to a particular committee contact that committee's chairperson.

The success of what the JARS Club members do now and the work of these committees will determine the future success of the club.

As your President I am asking that you serve and very much appreciate your service.

Thank you,

Scott Wilkinson

JARS President, 2019-2020

By Executive Order from JARS President- Scott Wilkinson

JARS COMMITTEE Appointments (2019-2020)

The JARS Club Vice-President will automatically be a non-voting member of all committees, unless needed to break a tie vote. The Vice-President is encouraged to attend all committee meetings to be available to give input and advice.

If any member with a special interest or talent wants to be added to a particular committee, just contact that committee's chairperson.

JARS-FEST (Ham Fest) in November

Chairman: **Mike Callam**

Members: Paul Dunn

Van Lee

Mark Gibson

Stephen Fowler

(Kitchen) Dianne Young

(Kitchen) Peggy Lee

This is our biggest event of the year. Any and all help is much appreciated.

CHRISTMAS PARTY in December

Mike and Velda Callam

Peggy Lee

Dianne Young

27 REPEATER (Van Lee and all repeater owners)

PUBLIC INFORMATION OFFICERS: Mike Callam, and assisted by **Mark Gibson**

Responsible for Media News Releases and TV Interviews

SPECIAL APPOINTMENTS: By Executive Order from your

President Scott Wilkinson, I hereby make the following Special Appointments:

Media and Newsletter Director: Mike Callam (additional responsibilities)

The responsibilities of the Media and Newsletter Director are to publish the monthly club newsletter, and be one of several administrators of the Web page and Facebook page.

By Executive Order as President, I am adding the additional responsibility of **Public Information Officer**. The duties of the **PIO** shall be to send news releases to local media and to answer questions when local TV or other media show up on a scene and want to know what we are doing.

I am also appointing **Mark Gibson** as **Back-Up PIO** when Mike Callam is not available or when Mike or I request his assistance.

Assistant (Back-Up) Secretary:

In the event that our Secretary Velda Callam is absent from a club meeting, or temporarily unable to fulfill her duties as Secretary, I am appointing **Peggy Lee** as **Temporary Acting Secretary** for the limited purpose of taking the minutes during a meeting. (Because she has experience as a Past Secretary)

Digital Communications Committee for JARS-Com.

Mark Gibson recently expressed a desire to set up a digital station in JARS-Com. This would allow all types/modes of digital communications including sending email without the internet.

The estimated cost would require a presentation to the club membership and voting for approval, therefore more investigation is needed to outline all that is involved in this major project.

Chairperson: Mark Gibson – Members: Stan Disbrow, Bill Blomgren, Scott Lewis, Outside Technical Advisor: Richard Futrell

If anyone has any suggestions or would like to be a part of this committee, contact Mark Gibson.

Membership Committee:

The purpose of this committee shall be to: come up with ideas of ways to recruit new members to the club.

Chairperson: **Dianne Young**, Members: Mike Callam, Velda Callam, Lannie Godwin, and Peggy Lee

Secretary's Report:

Minutes from August 2019 Meeting:

Meeting called to order at 7pm by president Mike Callam KD4MC

Prayer was led by Mike Callam KD4MC

Introductions were made.

President: Mike said it was a pleasure being president. Mike thanked everyone for allowing him to be president on two separate occasions.

Vice President: Scott, KJ4TUC, talked about CERT and that we already had seven people signed up, but we need at least 10 people in order to have a class.

Secretary report: minutes were in the newsletter.

Treasurer report: Paul, KD4BJD, said that we had \$16,000 in the bank.

Membership report: Dianne, KD4VNX, stated that there were no new applications.

Net Whip: Stephen, KJ4QNW, all the nets were being called.

Newsletter: Mike, KD4MC, wants more input from the members for the newsletter.

No old business

New Business; Paul stated that he wanted to put JARSCOM in Mule Days.

Elections were held and the results were:

President- Scott Wilkinson, KJ4TUC

V.P.- Billy Newton, KJ4ZKG

Secretary- Velda Callam, K4VJC

Treasurer- Paul Dunn, KD4BJC

Membership- Dianne Young, KE4VNX

Net Whip- Stephen Fowler, KJ4QNW

Media/Newsletter/PIO- Mike Callam, KD4MC

Parliamentarian-Mark Gibson, N4MQU

Members at Large- Mike Callam, KD4c & Bill Blomgren, KK4QDZ

LOM was presented to Lowell Sayles, K4EUP

A brief history of the LOM was presented by Mike Callam, KD4MC

Scott, KJ4TUC, thanked everyone for electing him as president and presented a list of committees that he wished to see implemented

Meeting adjourned at 7:46 pm

Submitted by: Velda Callam, K4VJC, Secretary

JARS Board Meeting, September 2019

Meeting called to order at 6:57 pm by president Scott Wilkinson, KJ4TUC

The ability to pay membership dues by credit card was discussed. Paul talked about putting JARSCOM in the Mule Days parade. We need someone to drive it.

Paul explained the budget/expenses from last year.

Scott thanked Paul for his presentation

Dianne, KE4VNX, stated that we need to replace cooking utensils that were provided by Tommy Rich, N4CBI, since he has passed away.

JARSFest flyers and tickets will be submitted to the printer on Friday, Sept. 13th.

Scott took the CERRT training at Apex. Our main purpose as a CER team will be communications.

It was discussed that we need email addresses and phone numbers for the club members to be put on the roster.

We have Richard Futrell, N4AED, who is interested in taking over the jars.net website now that he is back in the area to stay.

Scott wanted us to have a JARSCOM training session for those on the committee on how to

operate JARSCOM and go over the manuals and radios in the vehicle.

Scott said that between now and November we need to do a thorough clean up off JARSCOM. Stephen will see if we can use the Benson Fire Station to do this.

Stephen said that we need a permanent net control for Saturday nights.

Dianne has two new applications to present at the meeting.

We need at least two people that can commit to cooking at JARSFest starting around 9 and ending at 1230.

Scott reminded everyone that the CERT classes are October 11,12,13.

Scott suggested that we have the October board meeting at Pizza Inn on NC 42 near I 40.

Meeting was adjourned at 8:07 PM

Submitted by: Velda Callam, Secretary

Membership Report:

There are two membership application this month. First is for Travis Russell kn4wjl, second is for Craig Bensch kc2dfs,

I will be taking up dues at the meeting, or you can mail them to me at Dianne Young 208 Pheasant Dr, Clayton NC 27520.

Please let me know of any member who is in hospital, or passed away so I can send a card or flowers.

Net Whip Report:

All the nets are being called. However, we do need a permanent net control for Saturday night. Calling a net is a lot of fun and it helps you with putting names and call signs together. If you think that you would want to be a net control, but still have some doubts, listen to some of the nets and practice writing down the names and call signs. When you are ready to give it a try, send an email to kj4qnw@gmail.com.

AUXCOMM:

"If you are interested in becoming a part of Johnston County AUXCOMM or have questions regarding the training or general questions please contact Scott Lewis 919-280-8444 ab4sl73@gmail.com"

Ham Radio Licensing:

There are at least two opportunities for ham radio testing that are run by members of the JARS.

Johnston County ARRL VE Team holds testing sessions on the fourth Monday of each month at the American Red Cross, located at 805-A South 3rd Street in Smithfield, NC at 7pm. If you, or someone that you know, does not already have a FRN, go to:

<https://www.fcc.gov/wireless/systems-utilities/universal-licensing-system> and click on "New User Registration" to obtain one. More information on this testing may be obtained by contacting Michael Callam at mcallam@centurylink.net.

The Five County Volunteer Examination Team”

The Five County Volunteer Examiners Team will be offering free Amateur Radio Exams on the first Saturday of October and November.

October 5

November 2

We will start at 9:30 AM.

The address is Thanksgiving Fire Department

2375 Thanksgiving Road, Selma, NC 27576.

FRN is required details at <http://n4mq.com/> or call Five County VE Hotline (919) 628-0096. Please call to let me know you are coming.

Thank you. Mark Gibson

ARRL News:

ARRL and IARU President Emeritus Larry Price, W4RA, SK

ARRL and International Amateur Radio Union (IARU) President Emeritus Larry E. Price, W4RA, of Statesboro, Georgia, died on September 10. An ARRL Life Member, he was 85. Price was licensed in 1951 at age 16 as WN5TIA, one of the first Novice licenses issued in the US. A US Army veteran, Price held BSEE, MBA, and doctoral degrees. He spent most of his career as a professor of finance and economics at Georgia Southern University.



Elected as ARRL Southeastern Division Vice Director in 1973, Price became Director later that year and was elected as an ARRL Vice President by the Board of Directors in 1980. In 1983 he became First Vice President following the death of ARRL President Vic Clark, W4KFC, and was elected President by the Board the following year.

He served as ARRL President for 8 years, serving simultaneously as IARU Secretary from 1989 until 1992, and continuing as IARU Secretary and ARRL International Affairs Vice President until his election as IARU President in 1999, a post he held for 10 years. The IARU Administrative Council named him President Emeritus upon his retirement in 2009. The ARRL Board named him ARRL President Emeritus in 2011.

"His accomplishments as President of ARRL and the IARU are too many to list, but neither organization would be what it is today without his vision, dedication, and hard work," said former ARRL CEO David Sumner, K1ZZ, who now serves as IARU Secretary. "We all owe a great debt to Larry and his family for their many sacrifices on our behalf."

IARU President Tim Ellam, VE6SH, recalled his many years of association with Price. "Amateur Radio...has lost a valued colleague today," Ellam said. "Larry Price was the dean of the IARU, and under his leadership the organization not only achieved great success for the Amateur Radio services but the respect of those we work with in the International Telecommunication Union (ITU). His work and tenacity on a number of issues gave the IARU the admiration of many administrations and senior leadership at the ITU, which we continue to enjoy today."

In 2014, Dayton Hamvention® honored Price as Amateur of the Year. At the ARRL Centennial Convention that same year, Price was awarded the ARRL Medal of Honor. Read [more](#). -- *Thanks to David Sumner, K1ZZ*

FCC Proposes to Make All Universal Licensing System Filings Electronic

The FCC is seeking comment on a *Notice of Proposed Rulemaking (NPRM)* that is part of an overall plan to transition completely to electronic filing, licenses, authorizations, and correspondence. The notice proposes to make all filings to the Universal Licensing System (ULS) electronic, expand electronic filing and correspondence elements for related systems, and require applicants to provide an email address on the FCC forms related to these systems. Although much of the FCC's ULS filings are already electronic, the changes suggested in the *NPRM* (in WT Docket No. 19-212) would

require *all* Amateur Radio Service



applications to be filed electronically. Under current rules, Amateur Radio applications may still be filed manually, except those filed by Volunteer Examiner Coordinators (VECs).

"Given the drastic changes that have occurred with regard to the ubiquity of the internet and increased personal computer access, we find it unlikely that electronic filing remains infeasible or cost-prohibitive for the previously exempted types of filers, or that they lack resources to file electronically," the FCC said in the *NPRM*, released on September 6. "We therefore propose to eliminate Section 1.913's exemptions to mandatory electronic filing."

The FCC said that while the vast majority of ULS applications today are submitted electronically, some are still manually filed, largely from exempted filers, such as radio amateurs. Last year, the FCC received some 5,000 manually filed applications out of a total of some 425,000. The FCC is seeking comment on whether its underlying assumptions about the ease of electronic filing for previously exempted filers are valid.

This *NPRM* also seeks comment on additional rule changes that would further expand the use of electronic filing and electronic service. The FCC stopped providing printed Amateur Radio license documents in 2015.

"Together, these proposals will facilitate the remaining steps to transition these systems

from paper to electronic, reducing regulatory burdens and environmental waste, and making interaction with these systems more accessible and efficient for those who rely on them," the FCC said.

Comments are due within 30 days of the NPRM's release.



Unraveling the Mystery of 1 × 1 Call Signs

The [1 × 1 Special Event Call Signs](#) system offers a way for clubs, groups, or even individuals to use a short call sign of special significance to the amateur community. These 1 × 1 call signs are [reserved](#) in advance for use in conjunction with short-term special events and commemorative operations. The FCC does not assign 1 × 1 call signs, so they are not "official."

On the matter of special event call signs, the FCC says, in Section 97.3(a)(11)(iii) of the Amateur Service rules: "The call sign is selected by the station licensee from a list of call signs shown on a common database coordinated, maintained and disseminated by the amateur station special event call sign data base coordinators. The call sign must have the single letter prefix K, N, or W, followed by a single numeral 0 through 9, followed by a single letter A through W or Y or Z (for example K1A). The special event call sign is substituted for the call sign shown on the station license grant while the station is transmitting."



The FCC also says in Section 97.119 (d): "Additionally, the station must transmit its *assigned call sign* at least once per hour during such transmissions." This requirement tends to be widely flouted, however.

A 1 × 1 Special Event Call Sign aids other radio amateurs by calling attention to the special event or other occasion. 1 × 1 call signs may be used for a variety of purposes, such as conventions, festivals, dedications, anniversaries, commemorations, and ARRL Field Day. Even local events qualify.

There are 750 1 × 1 Special Event Call Sign possibilities, and radio amateurs of any license class may reserve one as far as a year in advance to use for up to 15 days. Of course, 1 × 1 Special Event Call Signs are recycled. It's first come, first served. See the [Frequently Asked Questions](#) page for more information.

The FCC has selected coordinators to approve and post 1 × 1 Special Event Call Sign reservations to a [searchable database](#). -- *Thanks to The Radiogram (Portage County Amateur Radio Society newsletter)*

hurricane Watch Net Sets New Activation Record during Dorian

Hurricane Watch Net ([HWN](#)) volunteers set a new record for total hours activated during a single storm. The net was active for 157 hours -- 139 hours of which were continuous. HWN Manager Bobby Graves, KB5HAV, said the continuous activation record stands at 151 hours for Hurricane Matthew in 2018.

"During this



marathon activation, members of the Hurricane Watch Net collected and forwarded countless surface reports to the National Hurricane Center in Miami," Graves noted.

After devastating Abaco and Grand Bahama islands with winds clocked at 200 MPH or more, Dorian made its way slowly toward Florida, before sliding up the southeastern US coast and making a second landfall on Cape Hatteras, North Carolina. It wasn't over, however. Dorian veered out into the Atlantic, affecting New England before hitting Maritime Canada, where it knocked out power and downed trees.

During its lengthy initial activation, the HWN attempted on numerous occasions to raise stations in the Bahamas but was unable to contact anyone in the most-affected area.

The HWN activated for the last time during Hurricane Dorian last Saturday, as the storm was, by then, speeding up the east coast of the US as a Category 1 storm. Poor propagation plagued net operations throughout the activation, even right up to the end. At one point, propagation was lost between net members and Nova Scotia on 40 meters, although the net continued for a while longer on 20 meters.

Early on, Amateur Radio Emergency Service (ARES®) volunteers went on alert along the US east coast, preparing for the worst. The major

problem was storm surge-related flooding. Evacuations were ordered ahead of the storm.

The ARRL Headquarters Emergency Response Team convened early on to monitor the situation closely. ARRL officials were in regular communication with partner agencies, particularly FEMA and the Department of Homeland Security. W1AW, which had already planned to be in operation for the Hiram Percy Maxim 150th birthday special event, remained ready to assist with emergency communications.

The [VoIP Hurricane Net](#) activated over the weekend in conjunction with [WX4NHC](#) at the National Hurricane Center to keep on top of ground-truth weather information.

Dayton Hamvention Signs 5-Year Contract with Greene County Expo Center

The Dayton Amateur Radio Association (DARA) has signed a 5-year agreement to keep Dayton Hamvention® at the Greene County Expo Center. The agreement was announced on September 9 by Hamvention General Chairman Jack Gerbs, WB8SCT.

"It has been a wonderful experience working with the Expo Center team in the development of this agreement," Gerbs said. "With the 5-year agreement signed, the Expo Center and Hamvention can move forward with additional enhancements to the facilities."



Dayton Amateur Radio Association President Ron Cramer, KD8ENJ, said the DARA Board, in approving the contract, noted that the relationship with the Expo Center and Greene

County, the City of Xenia, and Xenia Township "has proven especially rewarding." Cramer said, "They all have worked hard to make Hamvention a success over the last 3 years. We look forward to a great relationship over the next 5 years and beyond." Hamvention's 2019 attendance was 32,472 -- the highest recorded since the move to the Exposition Center in Xenia in 2017, which was coordinated by Cramer, the Hamvention General Chairman in 2017 and 2018.

The largest Amateur Radio show in the US, Dayton Hamvention is held the third full weekend in May. The dates for 2020 are May 15 - 17.



UN Headquarters' 4U1UN Making Slow but Steady Progress in Returning to Air

Responding to inquiries noting the lack of 4U1UN activity, the United Nations Amateur Radio Club (UNARC) [indicated](#) on its Facebook page this week that it's making slow but steady progress in its efforts to get a station back on the air from UN Headquarters. The main difficulties in getting 4U1UN up and running again following its displacement by renovations at UN Headquarters have been administrative and



organizational, the UNARC team said. The club explained that as a result of UN Headquarters renovation, the room on the 41st floor housing the 4U1UN radio equipment was reallocated to the UN Broadcast and Conference Support Section (BCSS) and is now off limits.

"After the successful activity of 4U70UN back in 2015, with the support of the UN Administration, we were able to secure a tiny 20-square-foot room for the club's needs on the ground floor of the building," the club said in its post. With no opportunity to run a feed line from the ground floor to the top of the building and the tenuous hold even on the tiny, bottom-floor shack space, the club is in the process of installing a remotely controlled station on the 41st floor.

Over a recent weekend, several UNARC members, representatives of UN services, and guests had an opportunity to continue



equipment configuration. An assembled 19-inch rack and part of the equipment were disconnected during delivery to the 41st floor so that BCSS personnel could hand-carry the equipment up

several flights of stairs to the top floor. "After 4 hours of work, the connections of the SteppIR BigIR vertical antennas were restored, a new SDA-100 controller was installed, and a RemoteRig 1216H was connected for easy remote access," the club post said. "The antenna was tested and configured."

UNARC says remote access from the 1st floor now works, thanks to a separate Ethernet cable run up the entire height of the building for UNARC's use. Operation of the ACOM-2000A amplifier also was tested with an antenna.

"We really hope that in the very near future, after debugging and setting up all the equipment, we will finally be able to proudly look at the work done and begin to appear steadily on the bands," the club said.

JARS Response to Hurricane Dorian:

JARS Hurricane Dorian Information Net

Thanks to everyone that listened and participated in the net. I appreciate the JARS President Scott Wilkinson KJ4TUC for suggesting that we do this. I am sure there were scanner listeners listening to the net. Another shout out goes to Doug Williams of the JARS Prep net. He was specifically thanked during the net for helping them with the knowledge to be prepared. The tips given during the net will help out in future emergencies.

The tips I remember are:

- - Start your generator before you need it.
 - Change your oil in your generator if you haven't done that in a while.
 - Generator is especially needed if you have medicine that needs refrigeration.
 - Fill your bathtub with water.
 - Notify your out of town relatives. Let them know you are prepared.

- Check on out of town relatives that may be in the path of the event.
- Take cushions on outside equipment and furniture inside.

Net Summary

Net was called at about 15 minutes past the hour starting at 8:15AM and ending at 10:15PM

Net Control Stations Included

N4MQU

KA2RGI

N4RL

KD4MC

KJ4QNW

KI4WAY

79 Checkins some stations checked in multiple times over 14 nets.

Mark Gibson

Ham Radio humor:



LOM Report:

LOM report from K4EUP Sept. 2019

Seeking awards is one of the many activities in the hobby of ham radio. Certificates and QSL contact cards, often called *wallpaper*, are the usual rewards. Some radio shacks are literally papered (ceilings, too) with certificates and awards in all shapes, sizes, and colors. Some wallpaper is plain, but it can be as colorful and as detailed as paintings or photographs. If awards keep you on the radio, you may become a member of the species of ham known as a "wallpaper hanger". But this is only part of my story.

When I started out in this hobby, circa 1955-56, our nets were covering all kinds of topics: how to re-purpose cheap surplus radio gear or build a better antenna. America has now transitioned to a "throwaway society". And our tradition of building our own gear or modifying equipment designed for other uses to meet our needs goes back to the earliest days of radio. Log books were filled with contact's info, like today. What was often added to those entries were who had experience re-purposing a surplus receiver or erected a new antenna. But this is again only part of my story.

I hear often ham radio is dying. Interest is waning because of the generation of cheap commercial equipment - already tuned to our amateur frequencies. There is no fun, even 'not worth my time', in making your own equipment anymore. I read blogs and forums when these cheap commercial 'marvels' fail - send it to the manufacturer or throw it away.

What I have noted is our JARS nets deal with animal husbandry or incidents of the day. Serious meat of our hobby is missing. The closest we come is in the Tuesday 'Prep Net'.

Re-purposing food and equipment for the 'Zombie' years. What about current years?

We have had a slight taste of the 'Zombie' with the severity of weather caused by electromagnetic abnormalities. Yes, the same electromagnetism that allows hams to talk with each other has a 'dark' side. From late Aug to early Sept this year we had 15 days with no Sun spot radiation. Possible this missing radiation allowed Hurricane Dorian to build to epic proportions. We have had tornados ravage Johnston County. Were we prepared at our local stations? Could we get on the air without 110 power? Are our stations capable of supporting 'Skywarn'? Is 'weather' part of your story?

We are offering CERTS classes. But there are preparation items from the classes that could and should be talked about on our net now. NC emergency preparedness is under FEMA auspices, as AUXCOMM, and requires taking government required courses...take them! Both these preparedness aspect of our hobby should be a constant net topic. Is service preparedness part of your story?

By the way, the CERTS and FEMA courses provide nice 'reward' certificates to hang as a centerpiece to your 'wallpaper'.

For a month, I have had the privilege of holding the "Lid of the Month" award. This is not a permanent piece of my 'wallpaper' but has been proudly talked about on 7M and 14M. My QSO's always include what equipment is being used, how my signal is being received and often how it can be improved upon. These QSO's are in a marked contrast to the 'animal husbandry QSO's' of our JARS net. I like to hear how my homemade 'J-pole' works at 10 Watts on the '27 machine'. What are you using and how clean a signal does your equipment provide? A return to 'Basics' is something to consider in your net QSO's. What is your story?

Lowell K4EUP/LOM

An Interesting Note:

Jars History on the Internet

I remember watching Sunday morning cartoon Rocky and Bullwinkle show. They had a mini cartoon Peabody. They had a part of the show called The way back machine. Peabody went back into time and he was able to see history as it happens.

The internet also has a way back machine. The address is <http://web.archive.org/>

The WhiteHouse.gov started on December 27, 1996. Jars.net first appeared on the internet on December 12, 1998. Raleigh Amateur Radio Society Rars. started April 9, 2000. Not sure if they may have had a different web address.

Back to jars.net Meetings were held on the Third Thursday of every month.

Jars was promoting their new VE team with testing sessions at Campbell University.

The website still had a graphic promoting JARSFEST 98 is November 15, 1998.

Unfortunately, you do not see the whole website but I thought it was interesting to go thru the changes over the years.

The website allows you to check any url you wish. Thanks for reading.

- President- Scott Wilkinson, KJ4TUC
- V.P.- Billy Newton, KJ4ZKG
- Secretary- Velda Callam, K4VJC
- Treasurer- Paul Dunn, KD4BJC
- Membership- Dianne Young, KE4VNX
- Net Whip- Stephen Fowler, KJ4QNW
- Media/Newsletter/PIO- Mike Callam, KD4MC
- Parliamentarian-Mark Gibson, N4MQU
- Members at Large- Mike Callam, KD4MC & Bill Blomgren, KK4QDZ



That does it for another edition of the "Official Organ". I hope to see everyone Thursday at the meeting.

73 de Mike Callam-KD4MC

