

The “*Official Organ*”

The official news letter of the Johnston Amateur Radio Society, Inc.

June 2019 edition

JARS Meeting This Thursday:

Our regular monthly JARS meeting is this coming Thursday, June 20th at Grandsons in Smithfield in front of Wal Mart. The meeting starts at 7pm. Get there early if you want to eat.

In this month's “*Official Organ*:

Presidents Report

Vice Presidents Report

Secretary's Report

Membership Report

Net Report

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Ham Humor

ARRL Report

Johnston County ARRL VE Team.

Presidents Report:

I would like to thank our Vice President, Scott Wilkinson, KJ4TUC, for filling in for me at the April meeting and taking JARSCOM to RARSFest. I had to make an unscheduled trip to Kentucky for my uncle's funeral. He was 97, served in WWII, Korea and Viet Nam. He was a true hero. I have appointed Mark Gibson as our ARRL Liaison. Mark's duties shall be to communicate with the ARRL on keeping our

club affiliation current, as well as notifying them of any club events.

According to our Constitution and By Laws, we need to form an Election Committee at this month's meeting. They will present the list of candidates at the July meeting and we will vote in August so that the new officers can take office in September.

This month, a representative from Johnston County Emergency Management will be our speaker.

Vice President's Report:

From your Vice-President

Scott Wilkinson KJ4TUC

Our next regular club meeting will be:

Thursday, June 20, at 6:30 pm

Grandson Buffet

1273 (North) Brightleaf Blvd.

Smithfield NC 27577

Directly in front of Wal-Mart

Summer Field Day:

Summer Field Day will be the fourth weekend in June. (June 22-23).

Thanks to Billy Newton KJ4ZKG for allowing us to use his place at

239 Mann Road

Coats, NC 27521

Come early Saturday morning and help set up camp sites and radio stations. Official operating will begin at 2:pm. This is a 24-hour event. We also hope to have some instruction and practice on “Fox-Hunting” Saturday afternoon.

Please bring food and snacks for everyone to enjoy and I heard a rumor that Li'l Billy and the Lee brothers will be cooking up something special for supper. If you play a musical instrument, bring it with you because spontaneous music may breakout around the camp fire.

Remember, Field Day is an opportunity to practice our emergency operating skills just as we would have to do during and after a natural disaster or catastrophic event and no commercial electric power will be available.

Use **147.500 simplex** on your walkie-talkies around the field day site.

Keep a watch on the JARS Facebook page for any last-minute updates.

JARSCOMM

I would like to thank all those who have donated their time to work on JARSCOMM this year. All the ham radios and TV are installed and working. We still need to install some commercial/public safety radios and get connected to the internet. It's been a slow project but it is coming right along. I would also like to thank several members that have donated items of emergency equipment and tools. We plan to have it at Field Day, so come out and see what all has been done and enjoy operating the radios.

WNCN-TV (CBS)-17:

As you will remember from our meeting last March, JARS hosted Bill Reh (Meteorologist) and Dan West (Photographer) from WNCN TV (CBS)17. They presented a very informative program on the weather and also gave the club some free publicity from a news story that aired on the TV-News. After discussion with several members, in appreciation for what they did for the club, the President and Vice-President made an executive decision, approved by a majority of the Board of Directors, to present a gift of a ham radio to the TV station. The radio and antenna were donated; therefore, there was no monetary cost to the club.

This radio was installed in their special weather tracker vehicle (AKA: The Beast). It is believed that this radio will be most useful for Meteorologist/Reporters to hear weather and damage reports from hams in the field (weather spotters) as they are called in live in real time. Having this capability should save at least five to ten minutes relay time and could save lives. So far, the TV station has one licensed ham radio operator and several others are hopeful to get their license soon. As for now, they are just listening.

C.E.R.T. Community Emergency Response Team

Would any of our JARS members be interested in CERT training?

This is a group of citizen volunteers trained to assist in the event of a disaster or other emergency situation. CERT is recognized by FEMA and Emergency Management.

From CERT web site: “CERT Basic Training is designed to prepare you to help yourself and to help others in the event of a catastrophic disaster. Because emergency services personnel will not be able to help everyone immediately, you can make a difference by using your CERT training to save lives and protect property”

I have been in contact with a NC-CERT representative who is attempting to start a CERT TEAM in Johnston County. There is definitely a benefit of our organization (JARS) knowing and having a good working relationship with their organization (CERT). In exchange for basic training of JARS members, we can teach them the proper use of radio communications and assist their members in getting their ham license.

The classes are 3 days. It can be held over one weekend or spread out over three Saturdays. Class sizes are between 10 to 30 people.

If anyone is interested in CERT training and establishing a relationship between JARS and CERT, let me know.

For more information on CERT:

https://readync.org/EN/Involved_CERT.html

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 JARSCOMM, Jars Fest, or anytime you are representing the JARS Club.

Upcoming Events:

Mule Days in Benson NC,

September 26-29, 2019

Upcoming Events:

Jars-Fest in November

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

It's time to start making plans NOW, so we are not rushed at the last minute.

EMERGENCY PREPARTATION:

As we are enjoying this nice summer weather, we often forget that hurricane season is just around the corner. 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.

So, if you have questions on what supplies you need to stock up on, generators, food preparation and storage without electricity, and what to do when the lights go out, tune in on Tuesday nights.

For more information on Emergency Preparation:

https://readync.org/EN/Plan_MakeAPlan.html

Secretary's Report:

Since there was no meeting in May, here are the minutes of the June 2019 board meeting:

Johnston Amateur Radio Society, Inc. Board Meeting Minutes for June 2019

Meeting was called to order at 7:19 pm on Thursday, June 13, 2019 by president Mike Callam-KD4MC

Members present were:

Mike Callam, KD4MC	President
Scott Wilkinson, KJ4TUC	Vice President
Velda Callam, K4VJC	Secretary
Dianne Young, KE4VNX	Membership
Stephen Fowler, KJ4QNW	Net Whip

Stan DIsbrow, WA2KQY Member at
large

Bill Blomgren, KK4QDZ

President: Mike thanked Scott for covering for him at the April meeting and for taking JARSCoM to RARSFest. He had to make a trip to Kentucky for a funeral.

JARSCoM is nearing completion. We only have to install the public safety radios, and Paul wants to wait until after field day to do that as he is taking JARSCoM to have some work done on it first.

Field Day is next weekend. Mike will provide a pig cooker that he will take down on Friday and leave it there for the duration. Mike will be in and out during the field day to support the club.

Mark Gibson, N4MQU has been appointed at the ARRL Liaison. He will be responsible for updating our records yearly with the ARRL and getting our events posted in QST.

Vice President: Scott has been communicating with Samantha Royster, KJ4ULR about the possibility of giving a CERT training course for the JARS members that are interested. We will have to have at least 10 members that will attend before she can do the course. CERT training will be good to have for those that are deployer with JARSCoM as well for use in their own community.

We have received all the items through donations for the list that Scott sent out earlier. No money was spent by the club. We still need some items for JARSCoM:

A back up camera, so that we can see what is behind us when trying to back into a parking space.

The passenger side mirror needs to be replaced.

Sometimes the driver may not know the best route to get where he is going. Suggestion: Install a GPS unit, or at least get a cell phone holder for drivers using WAZE on their phones.

Sometimes we may need documentation of the road ahead. Suggestion: Install a professional Front-View Dash Cam (easy to use).

These items can possibly be purchased at a local truck stop or auto parts store.

Portable steps for the side door would make it easier to get in and out of the door safely,

So far, he has not investigated the cost of purchase and installation of any of these items. He just wants input from the group.

Secretary Report: Velda had nothing to report as there was no meeting last month.

Net Report: Stephen expressed that he needs a net controller for either Tuesday or Thursday. Anyone that is interested, contact Stephen.

Membership Report: Dianne reported that she has no new applications thus far for this month.

Member At Large: Stan discussed the repeater issues and the fact that one part of the antenna system is broken. The tower owners have until the end of September to change the broadcast antennae from one band to the other. Danny, K4ITL, is hoping to take advantage of this opportunity to get the 147.270 repeater moved up to the same cabinet is, (1100 feet).

Open Discussion: We discussed how to get more ham radio operators in Johnston and surrounding counties interested in joining JARS. Suggestions were: send a letter out to newly licensed hams, advertising on local community TV stations, as well as Facebook.

Meeting was closed at 740 PM by President Mike Callam, KD4MC

Submitted by Velda Callam, K4VJC, Secretary

Membership Report:

Dianne, KE4VNX, reported that currently, there are no new applications for membership.

Net Report:

Stephen, KJ4QNW states that he needs a regular net control operator that is willing to cover either Tuesday or Thursday on a regular basis. If anyone is interested, contact Stephen, KJ4QNW.

Life on the Farm:

After a period of no rain, I am happy to report that it has rained, rained, and rained some more. That is a good thing as my mud puddles were beginning to suffer from dehydration. Now, our yard looks like a jungle and I have lost the dog at least three times. As I am typing this, I can hear my sister in law out there on the lawn mower. At least I hope it is her and not someone stealing the lawn mower.

I am recovered from my surgery that I had back in February. The doctors have taken me off of all restrictions and stomach meds. My cardiologist even said that I no longer need to carry nitroglycerin any more. My weight is holding steady around 200 pounds, which is a drop from 235 before surgery and I have gone from a 46-inch waist down to a 36-inch waist.

Velda has been busy *trying* to keep me in line and away from eBay and Amazon in order for me not to buy any more radios. At last count, I have 10 radios and three scanners, not to mention all the HT's that I have. I hate to tell her that I have all that I need for the time being

I believe that I may tell her that a new radio has come out that I need, just to see her reaction. On second thought, I may not do that as she has not swung the #16 cast iron skillet in a while.

With all the troubles that I have had with my back and leg, and having to use a spinal cord stimulator, (which gives me a constant tingling sensation), I have decided to at least try using CBD oil, which is made from hemp and not marijuana. I have been using it for about two months, and happy to report that I am not in any pain, nor do I have the constant tingling from having the stimulator on either.

The farmer that is tending our land this year is supposed to plant sweet potatoes. He came and plowed the deep rows to plant them, but has done nothing else. If he doesn't get in gear and plant them, he will have a bumper crop of weeds.

That does it for "Life on the Farm" for this month.

73 from Mike, (KD4MC), aka C3PO, Velda, (K4VJC), Mouse, Remington, (Hairy Hound), Tabitha (Krazy Kat), Midnight (Tom Kitty) and Sandy (Dog and a half long, half a dog high and two dogs hyper) and Fluff, (Little Ball of Fur).

Ham Humor:



ARRL News:

Paul Bourque, N1SFE, Joins ARRL Headquarters Staff as Contest Program Manager

Paul Bourque, N1SFE, of Middletown, Connecticut, has joined the ARRL Headquarters staff as Contest Program Manager. He succeeds Bart Jahnke, W9JJ, who recently was promoted to the post of ARRL Radiosport and Field Services Manager. Licensed since 1994, Bourque's interest in radio began when, as a youngster, he listened for distant AM stations, and he later developed a career involving various aspects of broadcasting.



"Originally, I wanted to be a DJ, but I ended up being drawn to the technical/engineering side of the radio business," Bourque said. His journey into Amateur Radio started during his time as the host of an overnight free-form rock music show at WWUH Radio at the University of Hartford, and the station's general manager, John Ramsey, W1JNR, pushed him to get his license.

Because being an Amateur Radio operator had opened several professional doors for him, Bourque said, "The opportunity to give back to this hobby as Contest Program Manager really appealed to me."

Bourque, who grew up in Newington, remarked that working at ARRL Headquarters "is like coming home." In his early years as a radio amateur, he was more of a casual tester, and it "was about making contacts," he conceded. Today, though, he has become passionate about getting people active and on the air. As Contest Program Manager, Bourque wants to find ways to get newer hams into contesting, and to dispel the idea that you need tons of equipment to participate.

Bourque's other interests include cooking, astronomy, photography, and meteorology.

Rick Murphy, K1MU, to Receive ARRL President's Award

At its May 20 meeting in Dayton, Ohio, the ARRL Executive Committee, acting on behalf of the Board of Directors, conferred the prestigious ARRL President's Award on Rick Murphy, K1MU, one of the unsung heroes of Logbook of The World (LoTW). The President's Award recognizes individuals showing long-term dedication in support of ARRL programs. Murphy was credited for his work to upgrade and improve the LoTW *TQSL* software to help users more easily and successfully use LoTW. Murphy was cited for single-handedly rewriting *TQSL* to make it accessible to those with limited vision, to display information in languages other than English (more than 10 so far), and for providing consistent online support to users.



"Rick is richly deserving of this honor for his efforts to make the *TQSL* application and Logbook of The World more accessible to all users," said ARRL President Rick Roderick, K5UR. "Rick Murphy embodies the spirit of unselfish volunteerism that represents the best of Amateur Radio."

An information security professional, Murphy, who lives in Annandale, Virginia, is coauthor (with Rickland D. Hollar) of the book *Enterprise Web Services Security*. He's a volunteer Incoming QSL Bureau card sorter for the 3rd call district and a past president of the National Capital DX Association.

The President's Award plaque bears the likeness of ARRL's cofounder and first president Hiram Percy Maxim, W1AW.

Tuning Electrically Short Antennas for Field Operation

article, "Tuning Electrically Short Antennas for Field Operation," by two well-known amateurs, appeared in *Microwave Journal*. Authored by *QEX* Editor Kai Siwiak, KE4PT, and award-winning researcher Ulrich Rohde, N1UL, the article points out that both Amateur Radio and military applications exist for 20 W battery-powered radios equipped with whip antennas. "In general, the whip antenna [that] makes the radio portable is not optimized for signal propagation: A whip antenna has no ground return or proper counterpoise," the article notes. "While some users drag a wire of up to 8 meters behind, this is not an ideal solution."

As the article explains, electrically short antennas -- typically 0.1 λ or shorter -- look like a capacitor, with a typical capacitance of 25 pF per meter of length. "At 2 MHz, where the wavelength is 150 meters, an inductor of 84 μ H is required for resonance," the article says. But just getting a good VSWR is not all there is to it.



Rohde's *al fresco* test stand for short HF antennas. [Photo courtesy of Ulrich Rohde, N1UL]

Rohde told ARRL that loading coil placement in a short vertical antenna is critical, and "the greater the elevation of the coil, the better the radiation. He said that "center loading" -- he considers the "best compromise" to be more on the order of two-thirds' loading -- can dramatically affect both the antenna's transmitting and receiving performance, as opposed to base loading, as found with popular so-called screwdriver antennas. Radials of some sort also are essential.

As the article points out, "With center loading, both the radiation resistance and integrated surface are larger, which are better for radiation." Inductors are the lossy components of an antenna tuner, while capacitors "are infinitely better." The authors conclude that, for optimal operation, antenna radials should be 0.25 λ , with one sufficient for tuning, and up to four producing a symmetrical azimuth. "Connecting the HF radio ground to a large metallic object is a good choice," the article said.

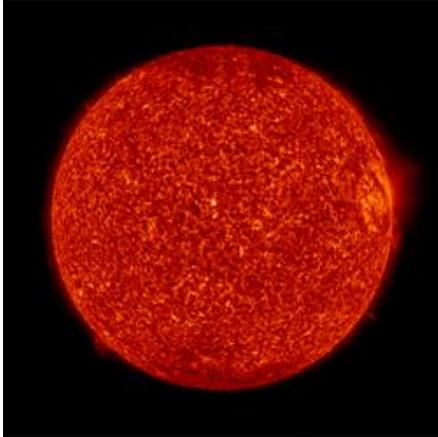
Ulrich told ARRL that optimizing an antenna in the manner the article describes will produce "significantly better" signal reception, although a short antenna will also have a narrower bandwidth. The objective should not be to get a good VSWR but to keep in mind that there's a difference between resonance and radiation.

"These requirements for optimum antenna performance make HF manpack radios somewhat complicated and unattractive," the authors concede. "Nonetheless, the well matched and radiating antenna provides the most success, and some of these highly portable radios provide vital communications in disaster areas -- recently in Puerto Rico and South Florida."

The K7RA Solar Update

Tad Cook, K7RA, Seattle, reports: The long string of days with no sunspots continues, with spots last observed nearly a month ago, on May 18. Predicted solar flux for the next 45 days is 70 on June 13 - 20, and 68 on June 21 through July 27.

The predicted planetary A index is 12 and 8 on June 13 - 14; 5 on June 15 - 23; 8, 12, and 8 on June 24 - 26; 5 on June 27 - July 5; 10, 8, 10, and 8 on July 6 - 9; 5 on July 10 - 20; 8, 10, and 8 on July 21 - 23, and 5 on July 24 - 27.



Scott Avery, WA6LIE, wrote to report his

experiences during the ARRL June VHF Contest last weekend. "During the day, expecting sporadic E, we were influenced by a lot of meteor scatter caused by the Beta Taurids, a *daytime* event that is not advertised, as it is not seen and only radio astronomers and hams would be interested," he said. "I spent a lot of time on 6 meters, FT8 mode [and a] little SSB/CW, and the same with 2 meters. I was bombarded with pings [of] CQ TEST, and that station was gone. This happened for most of the daylight hours with [few contacts]." Avery said an opening to Japan yielded a few contacts. A Sunday multi-hop sporadic E opening to the east coast also occurred, he said.

Sunspot numbers for June 6 - 12 were 0, 0, 0, 0, 0, and 0, with a mean of 0. The 10.7-centimeter flux was 68.9, 68.9, 68.4, 68.4, 68.9, 69.7, and 69.5, with a mean of 69. Estimated planetary A indices were 3, 4, 18, 6, 3, 3, and 4, with a mean of 5.9. Middle latitude A index was 4, 6, 14, 8, 4, 3, and 5, with a mean of 6.3.

A comprehensive K7RA Solar Update is posted Fridays on the ARRL website. For more information concerning radio propagation, [visit](#) the ARRL Technical Information Service, [read](#) "What the Numbers Mean...", and [check out](#) K9LA's Propagation Page.

A propagation bulletin [archive](#) is available. [Monthly charts](#) offer propagation projections between the US and a dozen DX locations.

[Share](#) your reports and observations.

QRZ Institutes Password Security, Seller Verification Programs

In an effort to combat fraudsters and password phishers, the popular [QRZ](#) Amateur Radio website is offering the option of establishing two-factor authentication (2FA) for its registered users. The site's founder and president, Fred Lloyd, AA7BQ, explains that 2FA secures a user's password on the site.

"With 2FA, your actual password becomes nearly moot, and revealing it to a crook has no detrimental effect,"

Lloyd told ARRL.

"With 2FA, you need the one-time code, and that's the only thing that will work. It's a solid technology that is rapidly gaining in popularity."

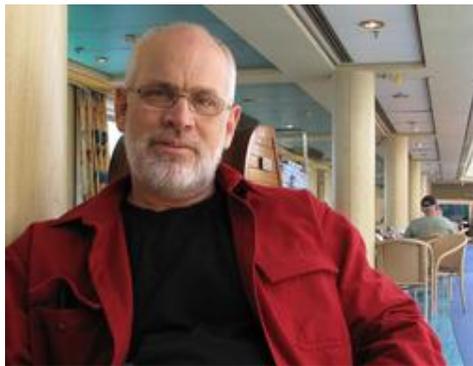


Lloyd said that when a user logs into the site with 2FA, the validation for the session is stored in the user's browser as an encrypted cookie that can live for up to 30 days. He said QRZ.com staffers have been using 2FA successfully for a couple of years now. A [video has been posted](#) that demonstrates how to get started with 2FA without using a cell phone to receive codes.

Although 2FA will not become a requirement in order to log onto QRZ.com, a separate seller verification system has been instituted for anyone marketing ham gear via the Swapmeet forum. As of July 1, only those enrolled in the

Verified User program will be able to list in that forum. Users may opt out of the Verified User program for the rest of the site.

"While verification is available to anyone on QRZ, it is required only in the Swapmeet section," Lloyd told ARRL. "Lately, there has been as many as a scam per day in the Swapmeet, and sometimes a popular radio model will be sold several times before it comes to our attention. One false listing can net any number of victims before it's discovered."



Lloyd

QRZ Founder and President Fred Lloyd, AA7BQ.

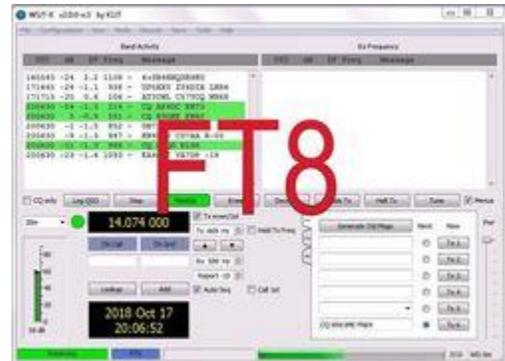
explained that these fake listings are being placed using the accounts of users who have been tricked into giving out their log-in passwords though elaborate phishing schemes. "There is virtually nothing that QRZ can do to prevent phishing attacks, as a great many users never even know that they've been hacked," Lloyd allowed. "Scammers find it relatively easy to trick the users into supplying their actual passwords."

Setting up two-factor authentication is the first step to becoming a QRZ.com Verified User. Information on becoming a Verified User is available to those registered on the site via their [Account](#) page, accessible from the QRZ main page. Once they've secured their accounts with 2FA, members will have to submit photographic identification to QRZ in order to complete the Verified User process.

WSJT-X Developer Posts Observations on Using FT8 in June VHF Contest

WSJT-X developer Joe Taylor, K1JT, has tentatively concluded that there are good reasons to use both FT4 and FT8 in ARRL VHF contests. The latest beta version of FT4 was not available for the event, but Taylor noted that FT4 will be available for future contests

(the



current -rc7 beta version will not be usable during ARRL Field Day either). Taylor, who was active in the VHF event over the past weekend, made the remark in a post to the [Packrats](#) reflector. Taylor reported making 433 contacts (21 dupes) in 152 grids, all, by and large, on FT8.

"Most of the time there was enough sporadic E and tropo-scatter to keep things busy using FT8," Taylor observed. "In this event, meteor scatter using MSK144 was not, score-wise, time efficient."

Taylor said he operated from home only on 6 meters and only on digital, "mainly to see how FT8 plays in a June VHF Contest." He operated for 21 of the contest's 33 hours and left his receiver running on 50.313 MHz when not in the shack.



Joe Taylor, K1JT. [Bob Inderbitzen, NQ1R, photo]

"During the contest period, I decoded 45,375 transmissions from others in the 4 kHz window starting at 50.313 MHz," Taylor recounted. "That's an average of about 11 decodes per 15-second receive cycle."

Taylor said he seldom, if ever, found that a single

3 or 4 kHz window was "too crowded" with activity. "There were nearly always some open spots, even with nearly everyone in the first 2.7 kHz of the window," he said.

Taylor also speculated as to how the twice-as-fast FT4 might have fared, being 4 dB less sensitive than FT8 and having an 80 Hz bandwidth instead of FT8's 50 Hz bandwidth.

"My guess is that something like 80 - 85% of my QSOs could have been completed using FT4, most of them in half the time than it took in FT8," Taylor said.



Wireless Power Transmission Prompts Discussion in ITU-R Study Group

The emerging wireless power transmission (WPT) technology and associated applications came under closer scrutiny during the May/June meeting of International Telecommunication Union Radiocommunication Sector ([ITU-R](#)) Study Group 1 and its Working Parties. Participants wrapped up 7 days of sessions in

Geneva on June 7, with International Amateur Radio Union Region 1 ([IARU-R1](#)) President Don Beattie, G3BJ, representing the IARU. The primary concern over WPT centers on its interference potential.

"Work was advanced on reports on WPT at 100 - 148.5 kHz for low-power charging of portable devices, for WPT for electric vehicles (WPT-EV) at around 20, 60, and 85 kHz, and for 'beam' WPT for remote charging," IARU Region 1 reported. "All of these technologies have the potential for harmful interference to radiocommunication services if not carefully managed, particularly the harmonics of the WPT systems."

The IARU has submitted formal studies on the impact of WPT on the Amateur Service, and these have been incorporated into a single completed report and will inform a new recommendation being developed on WPT emissions.

IARU says it's advocating "proper emission limits" to protect radio services and is working with other spectrum users and administrations that share its concerns.



IARU Region 1 President Don Beattie, G3BJ.

The ITU meetings discussed emerging proposals for WPT-EV emission limits from the International Special Committee on Radio Interference ([CISPR](#)), where there is a level of concern that these limits fall short of

providing the necessary protection to radiocommunication services. Founded in 1934,

CISPR sets standards for controlling electromagnetic interference in electrical and electronic devices and equipment.

The issue of WPT-EV is World Radiocommunication Conference 2019 (WRC-19) Agenda Item 9.1.6. In a WPT status report at the IARU Region 1 Interim Meeting in Vienna in late April, Beattie said the Amateur Service is "highly susceptible to any increase in the background noise level," such as that WPT might generate.

He said frequencies being planned for WPT are 19 - 21 kHz for high power; 55 - 65 kHz and 79 - 90 kHz for medium power, and 100 - 148.5 kHz for lower power -- but still up to 2.4 kW.

"WPT is generally high duty cycle, located in residential areas, and its harmonics are likely to be spread across a band of frequencies, in some cases the whole of the HF spectrum," Beattie said in his presentation to the Vienna interim meeting.

Proposed WRC-23 Agenda Items Causing Concern

Two proposals under discussion in Europe as possible World Radiocommunication Conference 2023 (WRC-23) agenda items "could impact important Amateur Radio frequencies," IARU [reported this week](#). Included is a proposal from France to consider the 144 - 146 MHz band as a primary allocation to the Aeronautical Mobile service, as part of a broader consideration of spectrum allocated to that

service. IARU also cautioned the amateur community against overreacting to the news.

France will submit a paper containing a proposal for an agenda item for "new non-safety

Aeronautical Mobile applications" at the June 17 - 21 Conference Preparatory Group meeting of the European Conference of Postal and Telecommunications Administrations (CEPT) in Prague. The 144 - 146 MHz segment is a primary global Amateur and Amateur Satellite allocation. IARU said it "views with grave concern any proposal to include this band in the proposed study" and pledged to "energetically" promote this viewpoint in the appropriate forums "to seek to obtain assurances that the spectrum will remain a primary allocation for the amateur services."

Another proposal has been raised to study the 23-centimeter amateur allocation, 1240 - 1300 MHz, following reports of interference to the Galileo navigation system -- Europe's GPS system. IARU said it's aware of "a handful of cases" of reported interference to the Galileo E6 signal on 1278.750 MHz. According to IARU, joint studies have been carried out to assess the vulnerability of the system and, based on these, it considers the proposal to initiate an Agenda item for WRC-23 premature.

IARU asked its member-societies to "refrain at this time from making speculative public comments about the situation until further progress has been made in regulatory discussions," and said it's ready to discuss the issue with other non-IARU societies.



One European Amateur Radio organization already has called for radio amateurs to "occupy" 2 meters on June 15 for 1 hour in protest of the French proposal.

Johnston County ARRL VE Team:



The Johnston County ARRL VE Team will hold its next amateur radio license exam on Monday, June 24th at 7pm at the American Red Cross, located at 805-A S. 3rd Street in Smithfield. If you would like to register for the exam, contact Michael Callam, KD4MC at mcallam@centurylink.net. The cost is \$15.00. You will need a valid photo ID. If you already have an FRN, be sure to bring that with you. If you don't have an FRN, go to: <https://www.fcc.gov/wireless/systems-utilities/universal-licensing-system> and click on new user registration. If you are currently licensed or have been licensed, bring a copy of your license with you.

JARS Officers		
President	Mike	KD4MC
Vice Pres	Scott	KJ4TUC
Secretary	Velda	K4VJC
Treasurer	Paul	KD4BJD
Membership	Dianne	KE4VNX
Net Whip	Stephen	KJ4QNW
Media/Organ	Mike	KD4MC
Parliamentarian	Ryan Leathers	N4RL
Members at Large:		
	Stan Disbrow	WA2KQY
	Doug Williams	KS4TI
Johnston Amateur Radio Society, Inc.		
P.O. Box 302		



That does it for this month's "Official Organ".

I look forward to seeing everyone at the meeting Thursday.

