



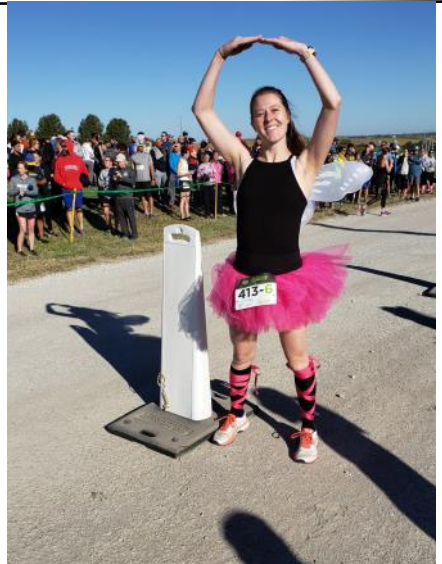
Ham Hum

October 8, 2021 Volume LXX, Issue 9

The Omaha ARC and the Lincoln ARC provided essential communications support during the **2021 Market to Market relay**...Starting from the Omaha Metro to Downtown Lincoln. Over the course of 70+ miles, teams take on running in distance from 3 to 5 miles over trails of paved streets and gravel dusty back roads through scenic Nebraska. To make this even more challenging, some teams dress up in costumes such as the winged ballerina pictured on the right. She was on team 413—The Nutcrackers pictured bottom Left. AksarbenARC provided support from the starting line pictured on the center right, to the Platte River where the Lincoln club took over and ensured the teams made it safely to downtown Lincoln.

Bottom Right: A Volunteer directs traffic in SARY County to the Team Van Parking Area.

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Federal Communications Commission Acting Chairwoman Jessica Rosenworcel believes that the future belongs to the connected. She works to promote greater opportunity, accessibility, and affordability in our communications services in order to ensure that all Americans get a fair shot at 21st century success. She believes strong communications markets can foster economic growth and security, enhance digital age opportunity, and enrich our civic life. From fighting to protect net neutrality to ensuring access to the internet for students caught in the Homework Gap, Jessica has been a consistent champion for connecting all. She is a leader in spectrum policy, developing new ways to



Jessica Rosenworcel
Acting Chairwoman FCC

support wireless services from Wi-Fi to video and the internet of things. She also is responsible for developing policies to help expand the reach of broadband to schools, libraries, hospitals, and households across the country.

With wildfires still raging in the American West and Hurricane Ida’s historic devastation from New Orleans to New York, the need for resilient communications infrastructure has never been more apparent. The Commission’s September open meeting will be headlined by a pair of items to make sure vital communications are available when people need them most. Here are the items we will consider on September 30:

We’re promoting more resilient networks. Today, the rain has stopped, the winds have subsided, and the storm surge has receded. But Mother Nature’s wrath is sure to visit us again. So are 911 failures and power outages and other threats to network infrastructure. That is why we are fundamentally refreshing our playbook for disaster preparedness and resiliency. We’re starting that effort today by revisiting the Wireless Resiliency Cooperative Framework, our network outage reporting rules, and strategies to address one of the primary reasons for service disruptions: electric power outages.

We’re repurposing airwaves for public safety and 5G. As we upgrade our networks to 5G, we need to bring America’s first responders along, too. So we are revisiting our most recent effort at remaking the 4.9 GHz band and charting a new course. To avoid a state-by-state approach to spectrum policy, we are seeking comment on how to advance the Commission’s original goal to ensure public safety enjoys maximum

access to emerging broadband technologies while also increasing overall use of the band through a single, nationwide framework that creates opportunities for 5G.

We're meeting consumer demand for faster, better Wi-Fi. You might have noticed that manufacturers are starting to slip in something new in their spec sheets: Supports Wi-Fi 6. This is the first major update to Wi-Fi in a long time. It means gigabit-plus speeds, more simultaneous connections, and better security. The key to enabling more of these devices is an automated frequency coordination system that will better manage the airwaves in and around your house to deliver the best performance possible without interfering with other spectrum users. We will vote to initiate the process for certifying these systems and speed the deployment of next-generation Wi-Fi.

We're supporting the Internet of Things. The best way to lead in the future of wireless is to prepare for it. That's true for the future of connected things too—also known as the Internet of Things. The Internet of Things will connect billions of devices and promises to enable innovations ranging from telemedicine to smart transportation networks to precision agriculture. As directed by Congress, we are preparing for this future in the here and now by starting a Notice of Inquiry to better understand the current and future spectrum needs of IoT connectivity.

We're cracking down on the hardest-to-stop robocallers. Eliminating illegal robocalls that originate abroad is one of the most vexing challenges for the Commission. We will consider a proposal to require gateway providers that are the point of entry for foreign calls to use new caller ID authentication tools and perform robocall mitigation.

We're shielding 911 call centers from robocalls. Unwanted robocalls that disrupt dinner are annoying. Unwanted robocalls that tie up public safety phone lines and disrupt emergency services are unacceptable. We will consider a proposal to bolster the Do-Not-Call registry for telephone numbers used by 911 call centers.

We're connecting Tribal libraries. Libraries are a vital source of internet access, but some Tribal libraries have been shut off from E-Rate support because they didn't meet the technical definition of a library in the Commission's rules. We will vote on a proposal to fix this problem and to explore other measures to ensure Tribal entities can access the E-Rate program.

We're strengthening the security review of companies with foreign ownership. The Commission will vote to adopt a baseline set of national security and law enforcement questions for certain applicants with reportable foreign ownership. These actions will facilitate foreign investment and the provision of new services and infrastructure in the United States while protecting consumers and promoting national security.

Interest In Ham Radio Soaring as Americans Grip with Coronavirus Outbreak

The number of Americans obtaining their ham radio licenses is soaring as the country comes to grips with the coronavirus pandemic. Just as shoppers are hoarding necessities and food in panic buying, more people have quickly studied to become amateur radio operators to ensure they can maintain communications with others in case internet or cell phone communication is disrupted.

More than 765,000 in the United States already have their amateur radio licenses from the Federal Communications Commission, however, data from the FCC indicates a recent uptick in the number of new hams, especially since the outbreak of COVID-19 worldwide. In addition, we at HamRadioPrep.com have experienced a huge surge in new students in the past two weeks as news continues to evolve about the pandemic and we have taken any and all measures to increase the speed and accessibility of our online courses due to the influx, including scholarships for those in financial trouble due to the recent economic turmoil.

In a comparison of the time period from March 5-13, 2020, to the same days in 2019, the number of persons signing up for the amateur radio license courses has soared more than 706% since news of the coronavirus outbreak dominated headlines. At the same time, the FCC shows a 7.1% percent uptick in new amateur licensees in the first week of March in 2020 vs the same week in 2019. In the coming weeks, we expect to see the actual license numbers continue to increase rapidly from the FCC.

Americans are able to take tests to obtain amateur radio licenses from the Federal Communications Commission, allowing them to talk on a variety of frequencies and radio bands to other licensed hams for personal, not-for-profit communications and technical training. Communications can be around your city, around your state, around the country, around the world — and even into space. Many get their ham radio licenses just so they are prepared for emergencies and disasters and can

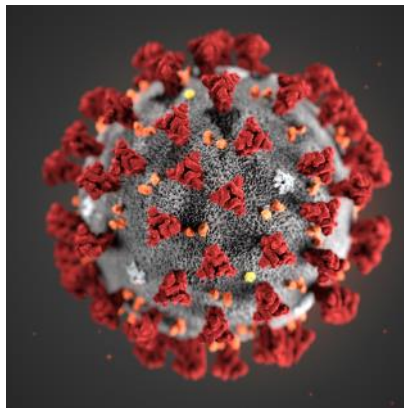
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provide communications for themselves and their families and friends when other communications networks are impacted.

Amateur radio clubs around the United States conduct FCC testing for most seeking ham licenses, while Ham Radio Prep prepares persons with a unique online study system that includes videos, lessons, practice exams, and interactive content. Unfortunately, many in-person ham radio events have been impacted by COVID-19. The Dayton Hamvention was just cancelled for the first time in its 68-year history due to coronavirus concerns. For this reason, access to online study materials is more important than ever.

In addition, Ham Radio Prep commends the Anchorage (Alaska) Amateur Radio Club Volunteer Examiner Coordinator program, which conducts test sessions for those wishing to become newly licensed ham radio operators. That organization's board of directors recently voted to expand its unique and innovative remote testing program to areas outside of Alaska, including anywhere in the United States or Canada. This will bring easier access to those seeking to obtain ham radio licensing and who live in remote areas or have various abilities that preclude them from attending scheduled test sessions conducted by accredited local ham radio clubs that offer test services.

The owners of Ham Radio Prep hope many who want to be prepared with emergency communications backup and even those now out of work or working from home because of the COVID-19 outbreak are able to become licensed hams.



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Area Nets

Monday

7:00 PM 145.290 South-West Iowa ARES Glenwood, IA.

8:00 PM 144.250 NE Missouri SWOT.

9:00 PM 146.940 AARC Chat Net. Ak-Sar-Ben ARC Omaha, NE.

Tuesday

9:00 PM 145.310 Washington Co. ARES Washington Co, NE.

Wednesday

7:00 PM 146.670 Dodge Co. ARES Dodge Co, NE.

7:30 PM 7.122 CW Four State QRP Comfortable Net.

8:00 PM 3.564 CW Four State QRP Comfortable Net.

8:00 PM 145.310 Saunders Co. ARES Saunders Co, NE.

8:30 PM 7.122 CW Four State QRP Comfortable Net.

9:00 PM 3.580.5 PSK Four State QRP Comfortable Net.

9:00 PM 146.820 Pottawattamie County ARES Council Bluffs, IA.

Thursday

8:30 AM 7.122 CW Four State QRP 40M Morning Net.

7:30 PM 145.310- Lincoln/Omaha SATERN Net. Ashland, NE.

8:00 PM 28.350 SSB 10-Meter Net.

8:00 PM 144.250 2-Meter SSB Net.

8:00 PM 147.360 Heartland DX Association.

9:00 PM 145.175 NE DStar Net also on REF002C though internet.

Friday

10:00 PM 224.760- Tone 146.2 Promote the Band Net

Saturday

12:00 PM 146.82 Swap Net Council Bluffs, IA.

8:30 PM 3.921.000 QCWA Chapter 20.

Sunday

8:00 AM 3.902.500 Swap Net.

8:30 AM 3.897.500 3900 Club.

8:30 PM Locally IRLP and the Nebraska IRLP net is heard on:

145.410 - 97.4 PL ABOVX Honey Creek

444.800 + 97.4 PL ABOVX Honey Creek

444.925 + 136.5 PL KOBVC Mondamin

146.745 - 136.5 PL KOBVC Portsmouth

223.580 (Simplex) 100 PL KOOQL North Omaha

2:00 PM 50.200 6 Meter Net

9:00 PM 146.940- Douglas Co. ARES net, KØUSA repeater.

TEAM **819** Living Ultra (Picture not available) was the Overall winner in the Open Division at 7 hours 43.04.6 seconds.

A bunch of Piñatas Team **417** named “ I'd Hit That “ came in 454th place; probably too much costume to run in.



The 80's Reruns (on Television)
Was team **418**. came in 75th Place.

Pictured in Row 2 Far Left, his guy was the spitting image of William Zabka who played JOHNNY LAWRENCE of the Cobra Kai



The Market to Market Relay is a Outstanding way to provide Community Support and to the Club as we receive \$500.00 for our efforts. Not sure how much we will receive this year, but it will be appreciated since the Covid caused us to limit our fund raisers during the year.