



May
2024

HPARC NEWSLETTER

High Point
Amateur Radio
Club



W4UA - APRS Station Update

Source: Andrew Talbert, K4XAT

News Flash! The W4UA APRS repeater is working at the High Point Hospital. As most all know the High Point Amateur Radio Club (HPARC) has recently come together to fund and back this very nice addition to the local area for the local APRS community.

So here is the story from a member perspective as this project came together. Over the last few club meetings, I have seen Keith Thomas donate a Yaesu 2980-R 2-meter radio to use for this project. George McCormick donated a Raspberry Pi computer. Meanwhile the driving force of this project has been Terence Crandall getting the equipment put together and presenting the ideas to the club at meetings. Lon Cecil was instrumental in wiring the system up. Thanks to the club for funding it! I probably left someone out but everyone who had a part gets thanks from all of us using this system.

I was present on that recent rainy morning when the equipment was installed. Several of us were interested in seeing the system at the hospital after talking about it at the recent club meeting. I drove the hour south to the hospital which I had never been to in High Point to meet Terence in the parking lot. It was pouring rain on the walk around the building. Meanwhile Keith and Patti were on the way as well to join in on all the fun.

On the way Keith told me he was born in this hospital, and I asked if this was prior to the dinosaurs or after? Of course, I can't say much as the hospital I was born in in Eden is long gone, having been converted to apartments!

Lon was inside waiting for us as we walked through the off and on rainstorm outside. Given we were at a hospital we all had to present our driver's license identification to get into the building with our newly issued ID stickers and after some negotiations with security we were all escorted up an elevator ride to almost 900 feet of elevation per my watch to a very warm locked room where there is some radio gear for the hospital and the club. When I say warm you could grow bananas in here if they left the grow light on.

I felt my raincoat starting to heat up as I stood by and watched Terrance and Lon install the equipment and add the new printed license on the outside of the equipment rack. I shed that vinyl raincoat in short order... Now I will give props to whoever put the old document on the repeater metal case. They put a Lexan cover on the document with a multitude of screws so that even under a terrorist attack the paper would not leave the building. After a bit of trimming the new document, thanks to Patti having a multi-tool in her pocket the document was trimmed and able to be loaded into the

Lexan cover. That was some tool...Patti said she never leaves home without it!

Two hours later, no I am only joking, the document is now in place on the outside of the metal case. In no time at all Lon had the proper connections in place and Terence was testing things. Terence had spent considerable time getting all this equipment working at home before we got here to watch, and it was flawless as it was installed. In the photos you can see the Yaesu 2980-R radio and the duplexer as well as the I-gate. You can also see the shared antenna connection going up to the roof to a height of 1280 feet give or take an inch.

I had brought my Yaesu FT5DR HT with me and soon was sending beacons to try the system. It was working on the first try. Everything was soon buttoned up and we all made our way back to the elevator to head back home. The biggest concern was the wi-fi connection and Terence has the ask in to the hospital to get an ethernet cable connection to be more robust. All in time.

I headed north and my HT was sending beacons along the way thanks to the new repeater in High Point. Well, that is a nice thing to have the APRS repeater online and this was a great effort led by Terence's hard work and the club support. Nice job! See you at the next club meeting!

Photos can be found later in this Newsletter

HPARC Meeting

Mario's Pizza & Zoom

2645 N. Main St.
High Point, NC27265

May 6, 2024
6:30 p.m.

Ham Radio Classes

By: Peter Kapetanakis, KN4OCX

The Tri-County ARC, High Point ARC, and GARA (Greensboro Amateur Radio Association) have formed a partnership to provide online (Zoom) classes for those seeking to acquire their Technician Class operator's license, or to upgrade to a General Class license.

Each course is comprised of 6 class sessions. Each class session is held via Zoom on Tuesday evenings from 7:00 –

9:00pm ET and is free of charge.

The Technician & General classes are held in an alternating sequence. The next course is the **General** Course scheduled to begin **May 14th**. Please note, that the courses are meant to prepare you for the FCC license exam, but do not include the license exam itself.

Pre-registration is required for each course. Please contact Richard Weinbaum, KK4RR at 336-687-8001 or

KK4RR@mac.com to register.

The starting dates for each course in 2024 are as follows:

Technician Course:

~~January 9, April 2~~, July 9, October 8

General Course:

~~February 20~~, **May 14**, August 20

Ham Radio's Many Roles During Solar Eclipse

Source: ARRL Letter April 4, 2024

In one of nature's most spectacular visual displays, on April 8, 2024, the sun will align with the moon and the Earth, casting a shadow that will transit much of North America.



Totality as seen in Madras, Oregon in 2017 [Sierra Harrop, W5DX, photo]

Spectacular Display and Gathering

Millions will gather along the path of totality - the section where the sun is fully blocked by the moon - to witness something that happens, on average, once every 375 years for any place on our planet. The moon's shadow path will begin over the South Pacific Ocean, and then it will cross into North America, passing over Mexico, the United States, and Canada. Weather permitting, the first location in continental North America that will experience totality is Mexico's Pacific coast, at around 11:07 a.m. PDT. The shadow will exit continental North America on the Atlantic coast of Newfoundland, Canada, at 5:16 p.m. NDT.

Ham radio will be there - operators will participate in scientific experiments, serve local communities that will be overrun with hundreds of thousands of visitors, and provide a valuable tool for communicating if the mobile phone networks become overloaded.



The diamond ring effect of the 2017 eclipse [Sierra Harrop, W5DX, photo]

Science

Regular sun and moon watchers will be out in force while many scientists, astronomers, and amateur radio operators will be "working" the eclipse. ARRL has partnered with Ham Radio Science Citizen Investigation (HamSCI), a NASA citizen science project, to encourage hams to send and receive signals to one another before, during, and after the eclipse. The project will be led by Nathaniel Frissell, W2NAF, a professor of Physics and

HamSCI

Engineering at the University of Scranton in Pennsylvania. HamSCI participants will share their radio data to catalog how the sudden loss of sunlight during totality affects their radio signals. All radio amateurs are welcome to participate in the ionospheric research that is being conducted. Information is available at the [Solar Eclipse QSO Party on the HamSCI website](#).

NASA plans to point a large telescope at the eclipse and broadcast the entire event across North America. The agency will host live coverage of the eclipse from 1:00 to 4:00 p.m. EDT (17:00 to 20:00 UTC) on April 8 on the [NASA YouTube](#) channel. There will be live views of the eclipse from watch parties across the country, and even from NASA's Glenn Research Center in Ohio, which happens to be inside the path of totality.

In addition to NASA's plans, the Super Dual Auroral Radar Network (SuperDARN), a collection of radars located at sites around the world, will bounce radio waves off of the ionosphere and analyze the returning signals. Their data will reveal changes in the ionosphere's density, temperature, and location.

There is also the Radio JOVE project, which is made up of a team of citizen scientists dedicated to documenting radio signals from space, and especially from Jupiter. During the total solar eclipse, Radio JOVE participants will focus on the sun. Using radio antenna kits that they set up themselves, they'll record solar radio bursts before, during, and after the eclipse.

EmComm

Emergency communications groups, including those affiliated with the [Amateur Radio Emergency Service® \(ARES®\)](#), will be active in the areas near totality. National Weather Service (NWS) offices are closely watching weather patterns in and around the eclipse path for any severe weather that could impact watchers and increase



traffic. Many first responders, including law enforcement, medical personnel, and fire departments, will be ready to respond to any emergency that might occur during the eclipse. Those officials represent some of the served agencies that radio amateurs work to support.

Most ARRL Sections within the path of totality have been working with their local served agencies to provide communications volunteers through amateur radio. In New Hampshire, for example, where cell phone and road networks are expected to be overwhelmed, New Hampshire ARES has local groups activated in many communities.

Public Information Coordinator of the ARRL New Hampshire Section Skip Camejo, AC1LC, said members across the state are ready. "A small team pulled from several NH-ARES groups will be providing limited

communications support for the American Red Cross, using both HF and VHF. We will have an RV-based station in Lancaster, NH, and another in Pittsburg, both at locations provided by the New Hampshire Department of Transportation," he said.

In the event of a mass-casualty incident or a need for emergency sheltering, the teams will travel to the scene with a state police escort. They're expecting 10,000 to 50,000 visitors on Monday in that community alone.

Other ARES groups have been preparing and drilling over the last few months. In the ARRL North Texas Section, a set of criteria has been established as reportable to the local served agencies' emergency operations centers. Look for more details on ham radio involvement during the eclipse in next week's *The ARRL Letter*.

Outreach

Many groups are holding eclipse festivals. Some amateur radio groups and clubs are taking advantage of these gatherings to get radio in front of the curious public. Vice Director of the ARRL Hudson Division Ed Wilson, N2XDD, is preparing an informational display for an event at his local library. The Suffolk County Radio Club on Long Island, New York, will be participating in the Solar Eclipse QSO Party from the Moriches Branch Library.



An amateur radio outreach booth at The Big E in Springfield, Massachusetts. [Nancy Austin, KC1NEK, photo]

Wilson saw radio as a perfect addition to the library's eclipse activities. "Another club member and I went down to the librarian and spoke to her about the HamSCI event. We asked if we would be able to set up a ham radio station during the course of the day. They loved the idea and approved it, and they invited us to some other events that they're having in the next few months," he said.

For clubs that may have a public presence during the eclipse, there are [resources on the ARRL website](#) detailing how to help explain the hobby to the uninitiated.

The total solar eclipse will be the last of its kind for more than two decades in the contiguous U.S. The next total solar eclipse on U.S. soil won't occur until March 30, 2033, and it will be viewable only in Alaska.

Ham Radio Active During Eclipse

Source: ARRL Letter April 11, 2024

Millions of people across the United States got to see a rare solar eclipse on Monday, April 8, 2024.

The path of totality -- the line of darkness where the moon fully occluded the sun -- stretched through the South Pacific, Mexico, central Texas, the Ozarks, the Midwest, the Rust Belt area, and to

New England through the Maritimes. In all, 14 ARRL Sections were impacted directly and several more were on the fringes of the solar umbra.

Radio Serves

Amateur radio was active throughout the areas of impact. Most ARRL Sections in the path had been developing a plan with their served agencies for months or years beforehand.

Traffic was expected to be significant, with up to 3.7 million people forecast to travel to areas within the path of totality.

Radio amateurs were activated in many locations.

In Paris, Texas, hams split shifts at the



Bob Buck, K5HRB, monitors traffic on Highway 16 in Medina, Texas.



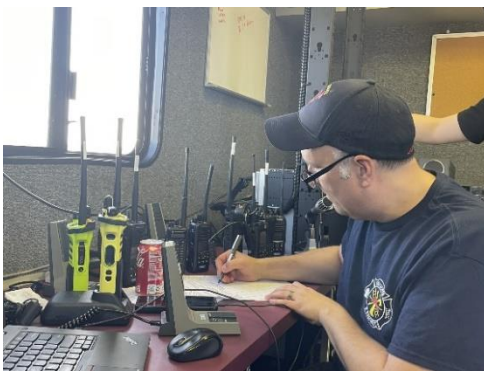
Totality as seen in Athens, Texas. [Paul Buck, KW5TNT, photo]

Lamar County Emergency Operations Center (EOC). Teams of two operators volunteered for 4-hour shifts. The activation doubled as a training opportunity and an equipment test.



Bill Townsend, KJ5ABG; Jeff Laughlin, KJ5DNA, and Dr. Randy Holland, N5DDS, at the Lamar County EOC in Paris, Texas. [Steven Lott Smith, KG5VK, photo]

The ARRL Indiana Section was in full force with their Amateur Radio Emergency Service® (ARES®) member-volunteers providing radio coverage on HF, VHF, and UHF amateur bands and utilizing GMRS. Using a mobile command center dubbed "Big Blue," the ARES team in Lake County set up on an overpass above Interstate 65 and was staffed in part by father and son volunteer team Chris Lattimer, N9MMR, and Tavas Lattimer, KD9NSC. The Section also utilized Winlink VARA HF to establish a digital connection with the incident command system.



Chris Lattimer, N9MMR, operating inside "Big Blue", the Lake County Indiana Communications Trailer. The vehicle was positioned on an overpass of Interstate 65.

In Hamilton County, Indiana, ARES members volunteered with the county emergency management teams. They fanned out across EOCs, parks, and other locations. One ARES member, who is also active in the Civil Air Patrol, monitored traffic and crowds from an airplane.

Section Emergency Coordinator of the ARRL Maine Section Keith Anoe, KE4UCW, held hourly check-ins via radio with the Maine Emergency Management Agency and other served agencies in case one of them needed to activate the Maine Emergency Communication Net.

Social media posts throughout the amateur radio space hold anecdotes of 146.52 MHz being extremely active during the post-eclipse traffic jam.



Traffic on Interstate 91 in Northern Vermont was at a near standstill after the eclipse. Many reports say that 146.52 MHz was active all over the country with amateurs reporting the latest traffic conditions. [Sierra Harrop, W5DX, photo]

Radio Gathers

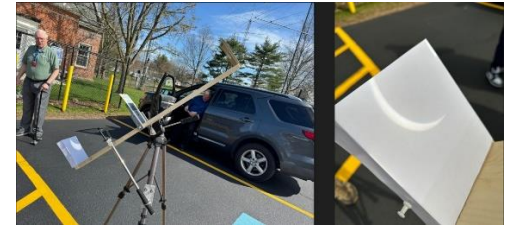
In Vermont, several ARRL members, who also happen to be pilots, gathered at the Northeast Kingdom International Airport in Newport to watch the eclipse.



ARRL Member Lauren Lee, N1OZJ, right, photographs totality from the Northeast Kingdom International Airport in Newport, Vermont. Lee is a Boeing 777 Captain for a major airline. [Sierra Harrop,

W5DX, photo]

Outside ARRL Headquarters in Newington, Connecticut, staff members and headquarters volunteers took the opportunity to observe the 92% visible eclipse using a solar viewer built by W1AW Station Manager Joe Garcia, NJ1Q.



Left: A solar viewer setup outside of W1AW, the Hiram Percy Maxim Memorial Station at ARRL Headquarters. Right: The output view of the viewer. [Joe Garcia, NJ1Q, photos]

Radio Studies

Across the world, radio amateurs participated in the HamSCI Solar Eclipse QSO Party. It involved operating before, during, and after the eclipse to gather log data. Those logs will be studied by researchers in the coming years to further investigate the sun's impact on the ionosphere.

HamSCI's program leader Dr. Nathaniel Frissell, W2NAF, was active from The University of Scranton Amateur Radio Club station. "I'm happy to report that we had an excellent day at W3USR in Scranton and believe that we both had fun and collected good data," he wrote in a message to the HamSCI team.

The organizers request that those who operated in the event upload their logs. If you used *N1MM+* or *N3FJP* loggers, there's a setting called Solar Eclipse QSO Party. Participants can also submit a Cabrillo or ADIF file of their activity. All logs should go to

<https://seqp.contesting.com/seqpsubmitlog.php>.

Active Hurricane Season Predicted for 2024

Source: ARRL Letter April 11, 2024

Colorado State University (CSU) hurricane researchers predict an active Atlantic hurricane season (June 1 to



Hurricane Florence in 2019 [NASA photo]

November 30) in their initial 2024 forecast.

ARRL Director of Emergency Management Josh Johnston, KE5MHV, attended the National Hurricane Conference in Florida in late March, where the CSU prediction was issued. "The common discussion at the National Hurricane Conference this year was the potential for a very active year, and the forecast from CSU enforces that thought," said Johnston. "Several of the forecasters were pointing to indications that we are moving from an El Niño to a La Niña and that could potentially cause a more active season."

The [CSU Tropical Weather & Climate](#)

[Research team](#) predicts 23 named storms during the Atlantic hurricane season. Of those, researchers forecast that 11 will become hurricanes and five will reach major hurricane strength, as measured by the [Saffir-Simpson Hurricane Wind Scale](#), with sustained winds of 111 mph or greater. The prediction is above the 30-year average for hurricanes and storms and is above the total of 20 storms, seven hurricanes, and three Category 3 or higher hurricanes in 2023.

Senior Research Scientist in the Department of Atmospheric Science at CSU and the lead author of the report Phil Klotzbach said, "So far, the 2024 hurricane season is exhibiting characteristics similar to 1878, 1926, 1998, 2010, and 2020. Our analog seasons were all very active Atlantic hurricane seasons."

The team predicts that 2024 hurricane activity will be about 170% of the average season from 1991 - 2020. By comparison, 2023's hurricane activity was about 120% of the average season. The report also includes the probability of major hurricanes making landfall, including a 62% probability for the entire US coastline. The average landfall from 1880 - 2020 was 43%.

The report also indicates increased landfall probabilities of 34% for the East Coast of the US, including the Florida

peninsula (the average from 1880 - 2020 was 21%); 42% for the Gulf Coast, from the Florida panhandle westward to Brownsville (the average from 1880 - 2020 was 27%), and 66% for the Caribbean (the average from 1880 - 2020 was 47%).

The National Weather Service (NWS), National Hurricane Center (NHC), and Hurricane Watch Net (HWN) are prepared for an active hurricane season. Amateur radio operators can take part in activations on 14.325 MHz during the day and on 7.268 kHz at night. As propagation changes, the HWN may operate both frequencies simultaneously.

At the Florida conference, Johnston also highlighted [the relationship between ARRL and the Federal Emergency Management Agency \(FEMA\)](#), as well as ARRL's position as a net control station within the [SHARED RESOURCES High Frequency Radio Program \(SHARES\)](#) managed by the Cybersecurity and Infrastructure Security Agency.

"Now is the time to prepare for emergencies of any type by building relationships, training and refreshing skills, and testing and preparing equipment," added Johnston.

Armed Forces Day Crossband Test May 11, 2024

Source: ARRL Letter April 18, 2024

The US Department of Defense will host this year's Armed Forces Day (AFD) Crossband Test on May 11, 2024. For more than 50 years, military and amateur stations have taken part in this event, which is an interoperability exercise between hobbyist and government radio stations. The event is open to all licensed amateur radio operators and will not impact any public or private communications. The AFD Crossband Test is a unique opportunity to test two-way communications between military communicators and radio stations in the Amateur Radio Service (ARS), as authorized in 47 CFR 97.111.

These tests provide opportunities and challenges for radio operators to

demonstrate individual technical skills in a tightly controlled exercise scenario. Military stations will transmit on selected military frequencies and announce the specific ARS frequencies monitored. All scheduled times will be in Zulu (Z), and all scheduled frequencies will be upper sideband (USB) unless otherwise noted.

Information on frequencies, times, and other technical information can be found at [DoD MARS - Armed Forces Day](#). Information for QSL cards and contact information is available at [Armed Forces Day QSL request form](#).

AFD is classified as an observance -- not a federal holiday. It will be celebrated on Saturday, May 18, 2024, and it will be a time of honor. The establishment of AFD was first announced on August 31, 1949, by then US



Secretary of Defense Louis Johnson. It was meant to replace the separate Army, Navy, and Air Force Days. All branches were combined to create the US Department of Defense. The first Armed Forces Day was held on May 20, 1950. The day is celebrated with special events, tributes, observances, and parades.

2024 ARRL National Convention at Dayton Hamvention

-- Program and App Available

Source: ARRL Letter April 18, 2024

The 2024 ARRL National Convention, hosted by Dayton Hamvention®, is just a month away, and the convention program guide is now available at www.arrl.org/expo. The ARRL Events app is also ready to use, encouraging everyone planning to attend to preview all of the Hamvention exhibits, forums, and related activities.

Download the free [ARRL Events](#) app, or access the content from an internet [browser](#).

The app is offered in partnership with Hamvention, and it contains Hamvention's full program and live updates, so

attendees can browse and schedule forums, find affiliated events, and preview the extensive list of exhibitors. During the event, attendees can use many of the app's other features to follow the hourly prize drawings organized by the Dayton Hamvention Prize Committee and browse building and site maps.

The MyProfile icon in the app allows users to add their name, call sign, email address, and any additional information they would like to share with other Hamvention attendees. Additionally, the MyBadge icon displays a QR code of your event badge that can be scanned by another attendee or exhibitor using the Scan Badge icon to instantly share contact

information with other hams at the event. The app is available for Apple and Android smart devices. You can also access the web browser version, which is optimized for nearly any browser or mobile device.

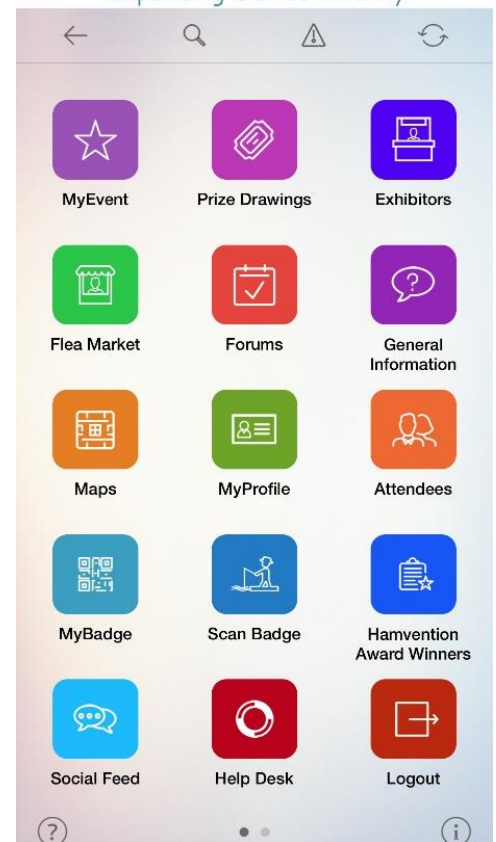
Use the app to preview many of the informative presentations planned by Hamvention and ARRL that cover a variety of topics and interests to help grow your skills as a radio amateur --



no matter where you are in your journey.

Young hams and young newcomers to amateur radio are reminded to register for the 2024 ARRL Youth Rally, which will be held on Saturday during the convention. While Hamvention offers free tickets for youths aged 12 through high school, advance registration for the Youth Rally (\$20) includes a tee shirt to wear on Saturday, a badge, a lanyard, and a reusable tote bag. [Register](#) for the Youth Rally now (11 to 21 years of age).

Hamvention and the 2024 ARRL National Convention is May 17 - 19 at the Greene County Fairgrounds and Expo Center, in Xenia, Ohio. In the lead-



up to the convention, the venue has finished making improvements to the flea market area. The walking paths have been topped with gravel and rolled to make the paths smooth and safe.

Complete information about this year's event can be found on the [Hamvention](#) website, [Facebook](#) page, and at www.arrl.org/expo.

Colorado Students Contact the International Space Station

Source: ARRL Letter April 25, 2024



In Colorado Springs, Colorado, students at the [Thrive Home School Academy](#) (THSA),

along with students at Stratton Meadows Elementary (SME), were able to have a space chat with NASA astronaut and mission specialist Jeanette "Jo" Epps, KF5QNU, on board the International Space Station (ISS) on April 22, 2024. At the time of the contact Epps, a member of the SpaceX Crew-8 mission, was on her 47th day of the 180-day mission.

The [Amateur Radio on the International](#)

[Space Station](#) (ARISS) event was organized with equipment provided by [ARRL The National Association for Amateur Radio](#)® and NASA for science, technology, engineering, and mathematics (STEM) education and outreach purposes. The [Pikes Peak Radio Amateur Association](#) (PPRAA) helped with technical coordination and Harrison School District 2 provided a link to livestream the event.

Students were able to ask questions ranging from



A crowd watches students ask questions during the ARISS contact from Thrive Home School Academy. [Desiree Baccus, N3DEZ, photo]

"Do things smell or taste differently in space?" to "What is your favorite thing you have seen in space?"

THSA opened in 2009 and serves homeschooled students with a 1-day-per-week school day program that is highly interactive and experiential and engages students in hands-on activities.

Amateur radio is used extensively in their classrooms to provide hands-on STEM learning and prepare students for future careers.

ARRL prepares teachers to engage students with amateur radio through the [ARRL Teachers Institute on Wireless Technology](#). ARRL TI graduate Dara Gardner, KFONIX, is a teacher who helped organize this contact.

Amateur Radio Contact in Space and on the Ground

Source: ARRL Letter April 25, 2024

On April 22, 2024, students at Pleasant Knoll Middle School in Fort Mill, South Carolina, enjoyed a full day of learning all about amateur radio from the Earth to the stars. In all, nearly 2,000 students learned how to operate VHF, UHF, and HF amateur radios in four sessions throughout the day, as well as listened, watched, and participated in a contact with the International Space Station (ISS), coordinated by the [Amateur Radio on the International Space Station](#) (ARRL) program.

Nine volunteers from the [York County Amateur Radio Society](#) (YCARS)

helped coordinate the event and ARISS contact. Thirteen students, along with eighth grade science teacher Allison Killowitz, asked astronaut Matthew Dominick, KC0TOR, 23 questions during their 10-minute contact. Their questions ranged from how an



Pleasant Knoll Middle School students and science teacher Allison Killowitz during a "space chat" with astronaut Matthew Dominick, KC0TOR, aboard the International Space Station. [Photo courtesy of Section Manager of the ARRL South Carolina Section John P. Gendron, NJ4Z.

astronaut uses the bathroom on the ISS to what astronauts eat. Dominick is also a Navy test pilot, and he's on the ISS as part of the SpaceX Crew-8 mission.

Four members of the [Radio Amateur Satellite Corporation](#), known as AMSAT, volunteered to help with equipment. They

provided the school with a communication trailer and van with 52-foot masts, equipped with high-gain Yagi and vertical antennas, an elevation and azimuthal rotator, and multiple computers and IC-9700 radios. ARRL South Carolina Section Traffic Manager Dean French, N4AJK, helped coordinate and produce a livestream of the event to YouTube channels for the ARRL South Carolina Section, ARISS, YCARS, and YouTuber Steve McGrane, KM9G. Currently, there are 2,000 views between all four YouTube channels. The event was also covered by two local television channels.

ARRL is a cooperative venture of international amateur radio societies and the space agencies that support the ISS. In the US, participating organizations include NASA's Space Communications and Navigation program (SCaN), the ISS National Laboratory -- Space Station Explorers, [ARRL](#), and AMSAT.

MFJ Ceasing On-Site Production

Source: ARRL Letter May 2, 2024

MFJ Enterprises, Inc. founder Martin F. Jue, K5FLU, announced that as of May 17, 2024, the company will cease on-site production at their Starkville, Mississippi, facility. Ameritron, Hy-Gain, Cushcraft, Mirage, and Vectronics brand products will be affected by the shutdown.

In a letter posted to social media, Jue said he is looking forward to retiring:

Times have changed since I started this business 52 years ago. Our product line



grew and grew and prospered. Covid changed everything [for] businesses, including ours. It was the hardest hit that we have ever had, and we never fully recovered.

I turned 80 this year. I had never really

considered retirement, but life is so short, and my time with my family is so precious.

Jue founded MFJ Enterprises in 1972, after building a CW filter kit that sold for less than \$10. Since 1990, the company has acquired several other legacy brands within the amateur radio market. Jue shared that the company will remain open to sell existing inventory because they have "a lot of stock on hand." They will also continue to offer repair services for the foreseeable future.

Jue expressed gratitude to the many

longtime employees of MFJ, some of whom have been with the company for 40 years.

He also thanked MFJ dealers and radio amateurs for their patronage over the decades.

He also sent a special message to ARRL Members and loyal QST readers:

"I give my deepest heartfelt thank you to my fellow hams all over the world, and especially to ARRL members and QST readers. In my youth, I was given a second-hand set of 1958 QSTs. I read them over and over until I practically memorized every word. This gave seed to MFJ."

MFJ became a worldwide ham radio leader only because of you. As I turned 80, I cannot thank you all enough for 52 wonderful ham radio years. Thank you, 73s . . . Martin F. Jue, k5flu"

MFJ



Martin F. Jue, K5FLU, founder of MFJ.

Storms and Tornadoes: Amateur Radio Ready

Source: ARRL Letter May 2, 2024

Strong storms and reports of at least 60 tornadoes have wreaked havoc in the Central U.S. for nearly two weeks. Homes and businesses across Nebraska, Oklahoma, Texas, Missouri, and Iowa were destroyed, and power is still down for more than 30,000 residents. On May 1, 2024, President Joe Biden declared a major disaster exists in Oklahoma, making federal aid available to those affected by last weekend's severe storms in Hughes, Love, and Murray counties.

Section Manager of the ARRL Iowa Section Lelia Garner, WA0UIG, reported that in Iowa, they have moved from response to recovery. Currently, nine counties are under the Iowa State Individual Assistance Grant Program and the Disaster Case Advocacy Program.

"Amateur Radio has served our local agencies well. We recently networked at a central Iowa hamfest and are building our emergency communications capacity primarily through [the Amateur Radio



Iowa Tornado 2024 [NOAA photo]

Emergency Service® (ARES®). ARES resources [include] personnel, experience, meetings, training, [communications] equipment, [and] operating trailers. The opportunity to share our experience and knowledge gained in the field has been critical to supporting ARES in Iowa," said Garner.

Garner added that awareness is the best tool. She stressed that amateur operators and ARES members work to help the National Weather Service and other served agencies in order make their work and the community safer.

ARRL Emergency Management Director Josh Johnston, KE5MHV, agrees

that everyone should stay vigilant in their awareness and preparations, even during periods of less activity. Make sure you are prepared at home and that your family has a severe weather plan. This is extremely important if you plan to be mobile or away from your home during a severe weather event. Your safety is the most important thing if you plan to be active during severe weather. Every ham who is interested in severe weather should take the [SKYWARN](#) storm spotting class offered by the National Weather Service," said Johnston.

He added that some of the most important aspects of preparation are communication and building relationships. These activities, including drills and exercises, need to be done during blue-sky days to ensure you will be ready during days with severe weather.

The [ARRL Learning Center](#) offers courses like on Basic EmComm and Intro to Radio for Emergencies & Disasters.

Source: Peter Kapetanakis, KN4OCX and Public Obituary

It is with sadness that we report that Isaac Lewis Denny, KI4NID is now a silent Key (SK). Lewis was a long time member of the club and while he may not have attended meetings in the more recent past, will be missed by many. His public obituary which was found on the internet at [Obituary for](#)

Isaac Lewis Denny, KI4NID SK

[Isaac Lewis Denny | Wright Funerals-Cremations \(wrightfs.com\)](#) is copied here.

Isaac Lewis Denny, 95, of High Point, passed away Thursday, April 25, 2024, at his home. He was born November 26, 1928, in Guilford County to Isaac Denny and Unia Flinchum Denny.

In addition to his parents, he was

preceded in death by his brother, Paul Denny.

Mr. Denny married the former Martha Leonard, Saturday, June 19, 1954, and



together they raised 3 children, Teresa, Alyce and Clayton. Martha was the love of Lewis's life; he made certain every need and want was satisfied. He was a loving husband, father, grandfather and great grandfather.

He loved to work the soil in his garden, spending hours reflecting on the God's creation and giving thanks for every plant that would grow. He enjoyed trimming limbs with his chain saw to make his home look its very best. He enjoyed spending time with his

beloved Martha at their mountain home.

Lewis was a smart businessman, frugal and sometimes tight with his finances, but he understood the value of a dollar.

Left to cherish his memory: his wife, Martha Denny; daughters, Teresa Hecht (Daniel), and Alyce Lynch (Rodney Banther); son, Clayton Denny (Brigid); 5 grandchildren, Benjamin (Nancy-Kerr), Jeremy, Samatha, Andrew, and Abbey (James) and 4 great grandchildren,

Landon, Macy, Emery, and Noelle.

Graveside service will be 1:00PM Monday, April 29, 2024, at Deep River Friends Meeting Cemetery; 5300 W. Wendover Ave, High Point; with the Reverend John Sides officiating.

The family will receive friends 11:00AM-12:00PM at the funeral home prior to the service.

Wright Funerals-Cremations, High Point, is assisting the family.

ARRL Announcements

Source: ARRL Letter April 4, 2024

ARRL Resumes Accepting Life Membership Applications.

ARRL is again accepting new applications for Life Membership. Applications for Life Membership were paused last year, pending the approval of an adjusted, revenue-neutral program. Life Membership rates have now been established based on the current term dues amount and the applicant's age (requires verification). Payment can be made in full, or paid in 24 - monthly installments by credit card. ARRL Life Membership includes the benefits of membership for life. Print magazine subscriptions are sold separately. Visit the ARRL website for a complete list of [dues rates](#). Life Membership can be purchased at www.arrl.org/join (current members should login to the ARRL website first).

Source: ARRL Letter April 25, 2024

2024 ARRL Field Day gear is now shipping!

[ARRL Field Day](#) is June 22-23. Get ready for amateur radio's largest on-air operating event with official 2024 ARRL Field Day [merchandise](#), now available. T-shirts, hats, mugs, pins, patches, and more are a great way to show off your involvement in this annual event. This year's design features the theme "Be Radio Active." The back of the t-shirt includes a check-off list of ARRL and RAC Sections - a fun way to keep track of your Field Day contacts.

Encourage club members, family, friends, and prospective hams to take part using ARRL Field Day with recruitment [posters](#) and "Get on the Air" (GOTA) [pins](#) for newcomers. Get your 2024 ARRL Field Day supplies from the ARRL [online store](#) or by calling 1-888-277-5289 toll-free in the US, Monday through Thursday 8 AM to 7 PM and Friday 8 AM to 5 PM Eastern Time. Outside the US, call (860) 594-0200. The complete 2024 [ARRL Field Day](#) packet is online. ARRL encourages participants to register their Field Day operations using the [Field Day Site Locator](#)



Source: ARRL Letter May 2, 2024

The [High-frequency Active Auroral Research Program \(HAARP\)](#) will be conducting a new research campaign on May 8 - 10, 2024, and amateur radio operators can participate by monitoring signal reports.

Using high-powered transmitters located at the HAARP facility at the University of Alaska Fairbanks, HAARP transmissions will be between 2.8 MHz and 10 MHz, although operating frequencies and transmitting times may vary depending on propagation. Transmitting times scheduled on May 8 - 9 are 2000 - 0200 UTC and 2000 - 0230 on May 10. The experiment is designed to study mechanisms for the detection of orbiting space debris, which are a major risk to space operations, including manned spacecraft and communications satellites. The experiments being performed at HAARP will help identify ways to improve collision detection on satellites. Amateur radio operators, shortwave listeners, and radio astronomers with receivers or software-defined receivers (SDRs) capable of 8 MHz bandwidth can monitor the entire frequency band during the experiments and report band conditions. A HAARP QSL card for reception reports will also be available to those who send reports to: HAARP, P.O. Box 271, Gakona, Alaska 99586 USA. More information about HAARP experiments can be found a [FAQ | HAARP \(alaska.edu\)](#).

W4UA - APRS Station (Photos)

Photos provided by Andrew Talbert, K4XAT



HPARC MAY CALENDAR

- 4 — W4VEC Greensboro VE Session
(Hinshaw United Methodist Church, Fellowship Bldg)
- 4 — Cinci-o De Mayo
- 6 — **HPARC Meeting**
- 12 — Mother's Day
- 19 — HPARC Newsletter Deadline
- 25 — W4VEC High Point VE Session
(Hickory Chapel Wesleyan Church, Fellowship Bldg)
- 27 — Memorial Day

MAY BIRTHDAYS

- Noel Rodriguez Ibarra, W4NRI — 11
- Richard Weinbaum, KK4RR — 18
- Robin Pegram — 21
- Lynn Flyer, KN4BUJ — 29

For W4VEC Test information, call or email Keith Thomas, KA4JAH, (336) 906-2469, KA4JAH@Aol.com

2024 HPARC OFFICERS

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Breakfast every
Saturday
—
8:00 a.m.
—
Biscuitville,
2709 S. Main St.

The HPARC Newsletter is published monthly by the High Point Amateur Radio Club (HPARC) for its members. The HPARC Newsletter serves as a source of information about Club activities, and general news items of interest to Amateur Radio. Material in this Newsletter be reproduced provided the HPARC is properly credited. Complimentary issues of the HPARC Newsletter are available by writing to the HPARC Newsletter at PO Box 4941, High Point, NC 27263 or emailing your request to w4ua@arrl.net. Membership in the HPARC is open to all licensed Amateur Radio operators. Membership is \$24.00 a year. Associate membership is also available to those who are interested in Amateur Radio but who do not currently hold a license. Associate membership is \$12.00 a year.

The High Point Amateur Radio Club meets the first Monday of each month (except for holidays) at a local restaurant announced in the newsletter. Come early to enjoy dinner. The business meeting starts at 6:30 p.m. followed by a short program of interest. Family and visitors are welcome to attend. For more information, please call or email one of the HPARC officers listed in this newsletter. Contributions and letters/emails to the editor are welcome.