



ARRL Affiliated Club Coordinator

March 2024 Newsletter

“Get the most from your ARRL membership by distributing this newsletter to all your club members. And as always, I’m here to help you with all your ARRL issues!”

73,

Dudley KM4IYQ – ARRL E. TN. ACC

“Helping to preserve the future of Amateur Radio.”

ARRL TN Section/Division/National/International **News**

ARRL Audio News

Listen to the latest audio news from ARRL at: [March Audio News](#)

ARRL Latest QST Issue Link

[Latest QST Issue](#)

Get Ready for the 2024 ARRL National Convention and Youth Rally

A full slate of programming has been committed for the 2024 ARRL National Convention, which will be hosted by Dayton Hamvention®, May 17 - 19, in Xenia, Ohio. Hamvention is the largest annual gathering of radio amateurs in the world. Coupled with the National Convention, this year promises to be a Hamvention not to miss. Building on a yearlong theme to "Be Radio Active," ARRL has planned exhibits, forums, panels, and activities that promise to engage and inspire attendees in a wide range of amateur radio interests.

Hamvention has committed one of its four forum rooms to a track of ARRL National Convention presentations with topics that span public service, technology, on-air activities, instruction, and youth outreach. For more details, click on the link and read all about it: [2024 ARRL National Convention](#)

FCC to Require Two Factor Authentication for CORES Users

The Federal Communications Commission (FCC) has announced an upcoming change to the Commission Registration System (CORES) that licensees use to pay any application or regulatory fees, manage or reset a password on an existing FRN, or request a new FRN. Beginning March 29, 2024, multifactor authentication will be implemented. Users will be prompted to request a six-digit secondary verification code, which will be sent to the email address(es) associated with each username. The user will then need to enter the code into CORES before they can continue.

In a public notice, the FCC said this change will make the system more secure. "This additional layer of security will further safeguard against unauthorized access, thereby enhancing the overall integrity of information contained within the CORES system and improving the security of user data," it read.

The FCC recommends that users confirm they have access to their username account email and to add a secondary email address, if need be.

Resources are available for those who need assistance with the system. For inquiries or assistance regarding the implementation of multifactor authentication on CORES, submit a help request at <https://www.fcc.gov/wtbhelp>, or call the FCC at 877-480-3201 (Monday through Friday, 8 AM to 6 PM ET).

Amateur Radio Operators Needed for Help with Solar Eclipse Project

The Case Amateur Radio Club, W8EDU, the club station at Case Western Reserve University in Cleveland, Ohio, is asking for amateur radio operators to help with a research project centered around the April 8, 2024, solar eclipse.

W8EDU club member Adam Goodman, W7OKE, said the project centers around studying the effects of the eclipse on propagation to better understand the recombination time of the ionosphere.

"To do this, we are recruiting North American amateur stations interested in recording the Canadian time standard station CHU (Canada's WWV) for two weeks surrounding the eclipse," added Goodman. "Anyone with a KiwiSDR or a rig that can interface with analysis/recording software such as Fldigi is encouraged to reach out to us to participate."

W8EDU club member and project software manager Maris Usis, KE8TXG, said that while the software is simple to use, there is some detailed work involved. "We can help make it easier and there are good online instructions as well," said Usis.

All of the participation details are on the club's website at <https://w8edu.wordpress.com/chu-eclipse-data-collection/>

W8EDU club faculty advisor David Kazdan, AD8Y, said the research project has received positive attention from the ARRL Collegiate Amateur Radio Program community, the Ham Radio Science Citizen Investigation (HamSCI) community, and Case Western Reserve University's engineering deans. "It is already a truly international effort, and we are collaborating with more than 20 stations across the continent, from collegiate and high school stations, to a representative from the Radio Amateurs of Canada, to a station in Mexico," said Kazdan.

The 2024 solar eclipse will over Mexico, the United States, and Canada. ARRL is a partner with HamSCI to help promote this opportunity for radio amateurs to participate in an active science experiment, through the Solar Eclipse QSO Party.

Amateur Radio Importance Highlighted at National Hurricane Conference

The National Hurricane Conference was held March 25 - 28, 2024, in Orlando, Florida. Amateur radio was well represented at the event. A series of workshops were held that focused on amateur radio's involvement in hurricane tracking, coverage, and recovery.

Among the presenters was the Assistant Amateur Radio Coordinator of WX4NHC at the National Hurricane Center (NHC) Julio Ripoll, WD4R. Ripoll gave a history of amateur radio's involvement in NHC, including the use of tube radios in the 1980s and the Yaesu FTDX-1200 used today. WX4NHC is also equipped with VHF/UHF radios to access the Florida Statewide Amateur Radio Network (SARnet), as well as digital equipment to communicate with the VoIP Hurricane Net, IRLP, and Winlink to receive emails via amateur radio.

"We were the only means of communication between the National Hurricane Center and the National Weather Service Field Office in Slidell, Louisiana, during Hurricane Katrina," Ripoll said. He went on to highlight other instances of reports given by ham radio that provided mission-critical information that had a major impact on the way NHC handled a storm.

ARRL Director of Emergency Management Josh Johnston, KE5MHV, gave a presentation to the crowd of hurricane experts, meteorologists, and emergency managers about the Amateur Radio Emergency Service® (ARES®).

He spoke of ARRL's role on the board of SAFECOM, a program managed by the Cybersecurity and Infrastructure Security Agency (CISA) that sets the standards of interoperability procedures. Being a part of the group solidifies the Amateur Radio Service as a robust resource before and during times of crisis.

Johnston shared that in 2023, ARES volunteers contributed at least \$21.8 million in volunteer

hours to their local communities. "Is amateur radio still relevant? Absolutely! Are we still involved in the places that are doing things the right way? Amateur radio absolutely is," he said.

Johnston 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 CISA.

Among other presenters was ARRL's The ARES Letter Editor Rick Palm, K1CE. He shared a harrowing tale of his family riding out a direct hit from Hurricane Idalia in August 2023. The damage and impact he felt gave him a new perspective on emergency communications, as he went from a volunteer communicator to a storm victim. Read more about his experience in the "Public Service" column in the January 2024 issue of QST. Watch a video of the amateur radio workshops at the 2024 National Hurricane Conference on YouTube, courtesy of Jim Palmer, KB1KQW. [2024 National Hurricane Conference](#)

2024 ARRL Field Day Theme: Be Radio Active

The theme for 2024 ARRL Field Day is "Be Radio Active." The event will run on June 22 - 23, and it will be one-part contest, one-part emergency communications exercise, and one-part open house -- and a great time. The theme encourages radio amateurs to take advantage of the peak of Solar Cycle 25, which we are nearing. Activity this year is likely to be extremely high thanks to favorable solar conditions. The upper HF bands, such as 15 and 10 meters, should benefit most from the Cycle's peak.

There are resources available already for clubs and individuals to make their Field Day plans. ARRL will publish more information and tools so that hams can make the most of the event as it draws near. Amateurs interested in learning more are invited to join the Field Day Facebook group to connect with others who are planning for the big weekend. Find links to all of the resources on the ARRL Field Day web page at www.arrl.org/field-day.

TN Hamfests/Conventions

It's the beginning of the year and there are still hamfests being organized and reported to ARRL. Here is a list of TN Hamfests and conventions I have so far. Click on the name to take you to their website or ARRL details for more information:

04/06/2024 – Memphis [FreeFest](#) – Bartlett, TN

04/20/2024 - [Greeneville TN Hamfest](#) – Greeneville, TN.

04/27/2024 - [1st Annual Short Mountain Repeater Club Hamfest](#) –
Murfreesboro, TN **(CANCELLED)**

06/15/2024 - [Knoxville Hamfest and Electronics Convention, ARRL Delta Division Convention](#)

– Knoxville, TN.

08/24/2024 - [Cedars of Lebanon Hamfest](#) – Lebanon, TN.

[Handy ARRL Links](#)

- ARRL Home: www.arrl.org
- ARRL Property/Liability Club and Personal Insurance: <https://www.arrlinsurance.com/>
- Find help with RF assessments: <http://www.arrl.org/rf-exposure>
- Find an ARRL Affiliated Club: www.arrl.org/clubs
- Find your ARRL Section: www.arrl.org/sections
- Find a license class in your area: www.arrl.org/class
- Find a license exam in your area: www.arrl.org/exam
- Find a hamfest or convention: [Hamfests Calendar](#)
- ARRL Teachers Institute: [Teachers Institute](#)
- ARRL Learning Center: [Learning Center](#)

East Tennessee Affiliated Club Links

The following is a list of all the affiliated amateur radio clubs in the eastern half (my area) of TN.:

American Legion Amateur Radio Club – Sevierville, TN. <https://www.legion.org/hamradio3>

Andrew Johnson Amateur Radio Club – Greenville, TN. <https://ajarc.org/>

Amateur Radio Club of the University of TN – Knoxville, TN.
<https://www.utarc.org/p/home.html>

Big South Fork Amateur Radio Club – Huntsville, TN. <https://bsfarc.org/>

Bristol Amateur Radio Club – Bristol, TN. www.facebook.com/groups/w4udbarc/

Campbell County Amateur Radio Club – Jonesboro, TN. www.CCARClub.org

Carter County Amateur Radio Association – Elizabethton, TN. <http://www.wr4cc.org>

Chattanooga Amateur Radio Club – Hixson, TN. <https://www.w4am.net/>

Cleveland Amateur Radio Club – Cleveland, TN. <http://www.carc.cc/>

Cumberland Plateau amateur Radio Club – Crossville, TN. <http://CPARC.net>

Dekalb-Cannon County Amateur Radio Club – Smithville, TN. <http://www.dccarc.org>

East Tennessee DX Association – Knoxville, TN. <http://www.etsdx.org>

Hawkins Hancock Amateur Radio Team, Inc. – Rogersville, TN.
<https://www.facebook.com/groups/536078334756112/>

Johnson City Radio Association, Inc. - Jonesborough, TN. <https://jcara.org/wp/>

Johnson County Amateur Radio Club – Mountain City, TN. <https://www.w4mct.com/>

Kingsport Amateur Radio Club – Kingsport, TN. <http://w4trc.org>

Bays Mountain Radio Club – Kingsport, TN. <http://w4trc.org>

Lakeway Amateur Radio Club – Talbott, TN. <https://www.facebook.com/lakewayamateurradio/>

Macon Area Amateur Radio Society – Lafayette, TN. <http://MaconHamRadio.com>

Middle East Tennessee Emergency Radio SE – Knoxville, TN. <http://www.metersinc.org>

Oak Ridge Amateur Radio Club, Inc. - Oak Ridge, TN. <http://www.orarc.net>

Off-Grid AuxComm Radio Club – Knoxville, TN. <https://off-gridauxcommradioclub.com/>

Plateau Amateur Radio Club – Monroe, TN. <http://parcltn.com/>

Radio Amateur Radio Club of Knoxville – Knoxville, TN. <https://www.w4bbb.org/>

Rhea County Amateur Radio Club – Dayton, TN. <https://www.rheacountyarc.org/home>

Roane County Amateur Radio Club – Kingston, TN. <http://www.ke4rx.org>

Sevier County Amateur Radio Society – Sevierville, TN. <https://seviercountyars.com/>

Smoky Mountain Amateur Radio Club – Maryville, TN. <https://w4olb.org/about>

Tellico Lake Amateur Radio Club – Lenoir City, TN. <https://tlarc.org/>

Unicoi County Amateur Radio Association – Unicoi, TN. <http://www.ucara.org>

University Amateur Radio Club – Johnson City, TN. utarc@utk.edu