

Zero Beat



Kingsport Amateur Radio Club
June 2026 Edition

President Notes

We had another good club meeting with updates on the Repeater, the W1AW/4 Special Event Station and Field Day.

Lack of access to Warrior Path was discussed necessitating special events having to be moved to Netherland Inn.

Christina does a fine job of recording the minutes of the meeting in detail and these are published each month on our webpage. Thank You Christina!!!

Todd Malone, KE4CCB, gave us a presentation on Wires-X. Not only was it informative but for club members that have used or use Wires-X, a new feature was discussed. You can operate access remotely. Ben Morris, KT40, was here to assist with the presentation.

We had a lot of worthwhile discussion amongst the members and officers. So much, in fact, that a lot of us did not leave until almost 9pm!!! And this is Good!!! Don't Forget To Join your friends for lunch at noon at John B's Family Kitchen 2608 N John B Dennis Hwy this Wednesday June 17. See You There!!!

Best Regards,

Larry Dale KD4FTN

President

Club News

The KARC foxhunt will take place on June 20th. It begins at 3 p.m. And check-ins starting at 2:45 p.m. On the 146.970 repeater. Participants can start from any location in the area, keeping in mind that the foxes will be hidden within the city limits, so having a map on your phone is advisable. All fox frequencies are listed on the [W4TRC.org website](http://W4TRC.org). If you are interested in joining the first trip, please contact Josh Carmack or Justin Compton to arrange a ride. Their phone numbers and email addresses are also available on the website.

HHART & KARC meets at Randall's every 3rd Wednesday of the month from 10:00 AM- 12:00 PM.

Amateur Radio News

Football on the Air' Comes to North America. [Continue Reading](#)

HAM RADIO Exhibition is June 26-28. [Continue Reading](#)

24 Hours of Le Mans Special Event TM24H. [Continue Reading](#)

SAQ Grimeton On the Air for Alexander Day. [Continue Reading](#)

Tour de France Special Event Challenge 2026. [Continue Reading](#)

N5SAC Ham Club to Keep Ham.Live Net Management Tool Running. [Continue Reading](#)

13 Colonies Special Event 2026. [Continue Reading](#)

On-Air Event Celebrates Railroad's 50th Anniversary. [Continue Reading](#)

Hamilton Auto FT8.Hear, call, exchange, complete, log – automatically. [Continue Reading](#)

QSO One.Connect to AllStarLink and EchoLink from Windows or Android – no hardware, no soldering, no sysop headaches. More platforms coming soon. [Continue Reading](#)

The Machine Learns to Listen.The machine was doing something beyond my capability. It wasn't just assisting me. It wasn't automating something I could do manually if I had the patience. It was actually exceeding my physical capabilities. [Continue Reading](#)

Things On The Air (TOTA).For TOTA to achieve the vision of being the "last list of things on the air", it must accommodate an unlimited number of listed things. [Continue Reading](#)

Powerline QRM monitor.A tool for Ham Radio operators to continuously monitor, log, and publish measurements of powerline interference (QRM). [Continue Reading](#)

Mirror Yagi – Unconventional reversing.For productive paths that are 180° apart, reversible wire yagis can be very effective. [Continue Reading](#)

Field Day Articles

Guide to Prepping for ARRL Field Day 2026: Part 1, Coaxial Cables. [Continue Reading](#)

Guide to Prepping for ARRL Field Day 2026: Part 2, LiFePO4 Batteries, Solar Panels & Generators. [Continue Reading](#)

Guide to Prepping for ARRL Field Day 2026: Part 3, Antennas. [Continue Reading](#)

Guide to Prepping for ARRL Field Day 2026: Part 4, Band Pass Filters. [Continue Reading](#)

Field Day Gear Part 1: Hams Share Their ARRL Field Day Must-Haves. [Continue Reading](#)

Field Day Gear Part 2: Upgrade Your Coaxial Cable. [Continue Reading](#)

Field Day Gear Part 3: Band Pass Filters, Ferrite & Transceivers. [Continue Reading](#)

Field Day Gear Part 4: Headsets & Headphones. [Continue Reading](#)

A Guide to June 2026 Ham Radio Contests—Field Day Edition. [Continue Reading](#)

★ 2026 ARRL FIELD DAY ★



AMATEUR RADIO

FD★26

A NATIONAL RESOURCE

PARTICIPATE IN YOUR LOCAL
ARRL FIELD DAY
JUNE 27-28



Be a part of the **most popular on-the-air operating event** in amateur radio. Join your local community and get in on the action!

www.arrl.org/FieldDay

**KARC Field Day
Netherland Inn
2140 Netherland Inn Rd.
Kingsport, TN 37660**



What is ARRL Field Day? You're Invited!

ARRL Field Day is a radio communications event that brings together amateur radio operators (also called "hams") within your community. The theme for 2026 Field Day is **Amateur Radio: A National Resource** — highlighting the many ways that wireless technology connects people across distances near and far. The event is part picnic, campout, practice for emergencies, informal contest, and most of all, fun! ARRL Field Day is the most popular ham radio activity held annually in the US and Canada. On the fourth weekend in June each year, more than 31,000 hams get together with their radio clubs, schools, or friends to operate from remote locations.



For many radio clubs, ARRL Field Day is one of the highlights on their annual calendar. A typical Field Day site will showoff many aspects of amateur radio and its many roles.

Some groups use Field Day as an opportunity to practice their emergency communications readiness. ARRL Field Day is an annual demonstration and invites the general public and organizations to see how amateur radio can serve in an emergency, **When All Else Fails®**. Hams are well-known for their communications support in real disaster and post-disaster situations. Despite the development of very complex, modern communications systems — or maybe because they are so complex — ham radio has been called into action, again and again, to provide communications in crises when it really matters.

Amateur radio also inspires the next generation of technical leaders by providing a hands-on sandbox where students gain experience in the fields of science, technology, engineering, and mathematics (STEM).

For those with a competitive spirit, Field Day stations compete to make radio contacts with as many other stations as possible while learning to operate radio equipment in challenging situations and less-than-optimal conditions. These same skills are used by hams who volunteer to help with large, preplanned, non-emergency events such as marathons and bike-a-thons; fundraisers such as walk-a-thons; celebrations such as parades, and exhibits at fairs, malls, and museums.

Who is ARRL?

With more than 137,000 members, ARRL is The National Association for Amateur Radio in the US. Our mission is to promote and protect the art, science, and enjoyment of amateur radio, and to develop the next generation of radio amateurs. ARRL and our affiliated radio clubs provide benefits to members to discover radio, to develop new skills, and to serve your local community.

What is Amateur Radio?

Often called "ham radio," the Amateur Radio Service is a worldwide community of licensed operators using the airwaves with every conceivable means of communications technology. It is made up of people who enjoy learning and being able to transmit voice, data, and pictures through the airwaves to places near and far without depending on commercial systems. The amateur radio frequencies are the last remaining place in the usable radio spectrum where an individual can develop and experiment with wireless communications. Not only can hams build and modify their equipment, but they can also create new ways to communicate via the airwaves — and do it as a globally connected community. Many people in the hobby form lifelong friendships with people they wouldn't have otherwise met. Many rock stars, Hollywood actors, and heads of state (and even your neighbor down the street) are ham radio operators. You can be, too! Get started at ARRL Field Day!



Order Official ARRL Field Day Gear
www.arrl.org/shop

Hamfests/Conventions – Let's Go !

08/29/2026 – Northeast Tennessee Radio Community Hamfest,
Location: Erwin, TN. Website: <http://www.netrc423.org>

09/19/2026 – W4DXCC by SEDCO, Location: Pigeon Forge, Sponsor:
SEDCO Website: <http://www.w4dxcc.org>

SKYWARN

If you are interested in being a SKYWARN Storm Spotter, please visit <https://www.weather.gov/mrx/skywarn>

To join our area SKYWARN organization, which is the Northeast Tennessee District 7 SKYWARN, please visit their website <https://www.skywarn7.org/>

The Importance of NOAA Weather Radios and Why You Should Own One. [Continue Reading](#)

Important Information

President: Larry Dale (KD4FTN)

Vice President: Justin Compton (K04DCD)

Treasurer: Rick Curtis (W4BXL)

Secretary: Christina Compton (KQ4CDM)

Repeater Trustee: Joshua Carmack (N4JHC)

The club meetings will be held on the second Thursday of each month at Eastman's Toy F. Reid Employee Center; Room 219; 400 S. Wilcox Dr; Kingsport, TN 37660 at 7:00 PM. Everyone is welcome to attend.

Club Repeaters, located on Bays Mountain 2 Meter: 146.970 MHz (-) PL Tone 123.0 Hz (Analog or Yaesu System Fusion C4FM Input / Analog Only Output) Echolink: W4TRC-R

70 Centimeters: 443.325 MHz (+) PL Tone 123.0 Hz (Automatic Mode Select (AMS) for Yaesu System Fusion C4FM and Analog FM)

70 Centimeters: 443.175 (+) (Yaesu System Fusion C4FM Only)

For more information about the KARC and amateur radio, please visit our website at www.w4trc.org or email us at contact@w4trc.org

Erik McCord, WX4ET, is the editor of Zero Beat, a monthly newsletter.