



Cleveland Fox Hunt 7+ Transmitters!

Club Website
carc.cc

Join in the hunt, bring the family, & connect with friends!

What is this? An entertaining hunt for transmitters (foxes) using radios, direction finding techniques, antennas & other stuff. Don't have experience...no worries, team up with someone. Anyone can participate, no Amateur Radio license required!

When: Saturday August 24th, **Rain Date:** Saturday, August 31st. If the hunt is going to be postponed to the rain date due to forecasted inclement weather, notification will be posted to the [Cleveland Amateur Radio Club Facebook page](#) & sent to both the Fox Hunt/ARDF & Cleveland Amateur Radio Club email distributions, the evening of Wednesday, August 21st.

Where: In the Cleveland, TN area. Refer to the [interactive map](#) and the location addresses (below) for details.

Objective: The intent of this event is to broaden / strengthen friendships and enjoy the outdoors while safely developing amateur radio direction finding (ARDF) skills & techniques. While there will likely be some good hearted bantering, this is not meant to be a serious competition and as such, many giveaways won't be based on performance.

Important: Safety first! Be courteous, follow the law & drive responsibly. No distractions, speeding or reckless behavior. Do not operate transmitter finding equipment while driving. Either partner with another participant separating driving & transmitter roles or park in a safe location prior to using transmitter finding equipment.



Partner up! Have a designated driver.

Timeline (EDT), Locations & Other Details:

- **7:00 am:** Old Fort Restaurant, 1422 25th St NW, Cleveland, TN ([Link](#))
Meet to partner/team up with others and enjoy a Dutch treat breakfast. If you signed up on-line to borrow equipment, pick it up at this time.
- **8:30 am:** Hunt Begins! Foxes are ≤ 1 W and transmit about every 60 seconds. Foxes may be hunted in any order.

Six fox transmitters will become active in the morning within the 9 mi x 9 mi white outlined hunt zone as shown on this map ([interactive map](#)). One is mobile, being stationary in different locations for ~15 minute periods. The fixed transmitters will be within a relatively short walking distance (≤ 200 yds.) from areas where vehicles can be parked.

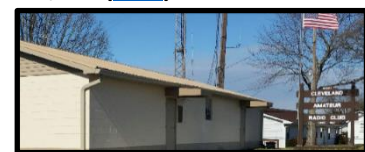


Interactive Map QR Code

- **12:00 pm Lunch:** Cleveland Amateur Radio Clubhouse, 560 Johnson Blvd. SE, Cleveland, TN ([Link](#))
Take a break from the hunt and join us for pizza & drinks, check out the CARC shack, learn what other's did and share tall tales from your adventure. If you received a "Fox Hunt" badge from a previous hunt, please bring it, otherwise one will be given for use with the special 7th fox transmitter in the afternoon hunt. Lunch attendees will be eligible to receive giveaways. If only hunting in the morning, return any borrowed equipment.
- **1:30 pm Afternoon Hunt Begins:** A 7th special fox transmitter, which when found has a prize associated with it, will become active along with those from the morning including the redeployed mobile fox.
- **4:30 pm Hunt Ends:** Cleveland Amateur Radio Clubhouse, 560 Johnson Blvd. SE, Cleveland, TN ([Link](#))
Gather to unwind, share more stories and provide event feedback / recommendations. Return any borrowed equipment. Time may be pulled in if participant consensus is to end the hunt earlier.
- **Repeater: 146.925 MHz, Offset: -0.6 MHz, TN: 114.8:** Clues and/or informational updates may be periodically provided, typically on the hour and half hour.
- **Need to Borrow ARDF/Fox Hunting Gear?** By no later than noon on the day prior to the hunt, scan the following QR code, select what you need, and provide your full name, phone # and email. Available equipment will be lent out in the order that on-line requests are received.



Pizza & drinks will be provided, compliments of the Cleveland Amateur Radio Club.



Cleveland Amateur Radio Clubhouse

If you need to borrow fox hunting equipment, scan this QR code, complete the questionnaire & select "Submit".



I had to borrow gear because my sniffer wasn't tuned for these foxes!

More information on page 2.

Transmitter Frequencies:

- **Fox #1:** 147.500 MHz
- **Fox #2:** 144.700 MHz
- **Fox #3:** 146.100 MHz
- **Fox #4:** 145.930 MHz
- **Fox #5:** 146.700 MHz
- **Mobile Fox #6:** 145.860 MHz
- **Special Fox #7:** Frequency provided at lunch. If you received a Fox Hunt badge from a previous hunt, please bring it, otherwise one will be provided.
- **Bonus Fox:** Frequency provided at lunch.



With this "Official" Fox Hunter badge, I'm ready to find that special fox.

- **Team members may not physically separate to simultaneously hunt the transmitters.**
- **Punching In:** Once you've found a fox, use your smartphone camera to scan and launch the QR code, answer the questions and then select "Submit". When successful, you'll see the following: "Your response has been recorded". Need help, contact Matt (KO4IYW) at (512) 695-9353



Transmitters can be on the ground, up in a tree or elsewhere.



Scan this QR code to practice "Punching In"



Punch-In placard example. Transmitter is in close proximity.



Mobile "Fox" truck & placard

The mobile fox truck, identified by fox placards on its sides & back window, will transmit and be periodically moved within the hunt zone, then be parked at each location for ~ 15 minutes. **If the "fox" truck is found while it is in transit, the pursuing driver is to signal with their horn twice in rapid succession so the "fox" truck can then be driven to the next safe parking location to confirm and then announce, via repeater, the find.** After a find, if time permits, the "fox" truck will be deployed again to enable another hunt opportunity.

Getting frustrated finding a fox? We don't want that! Contact Matt (KO4IYW), (512) 695-9353 & he'll share some clues.

- **Photos:** During the event, please take photos & text them to Matt (KO4IYW) at (512) 695-9353. Thanks in advance for sharing photos from your adventure!!
- **What should I bring, how can I prepare?**
 - Bring water, fill up the vehicle, and charge your batteries!
 - Print out or download this flyer to your smartphone. Among other things, you'll need it so you'll have the transmitter frequencies on hand.
 - Use the interactive map view the hunt boundary, key locations (Old Fort Restaurant, CARC club house) and streets in either topographic or satellite view. Pan and/or zoom to examine details.
 - Have a compass? Pack it with weather appropriate clothing, bug spray and/or sunscreen. No compass? Consider using a smartphone app.
 - If you have it, gather your Radio Direction Finding (RDF) Equipment: HT (handheld transceiver), portable antenna(s), navigation aids, attenuation gear, connectors, etc.
 - Consider programming the repeater frequency into your transceiver/HT.
- **Caution:** Don't transmit using high SWR antennas or when RDF electronics are attached to your transceiver. Equipment damage may result.
- **Just want to learn a bit about the sport & watch the confusion:** We love having spectators!
- **Giveaways:** Special thanks to the Cleveland Amateur Radio Club & those anonymous Fox Hunters for their generous donations.



Have questions now or need assistance prior of during the hunt?

Call Matt (KO4IYW) at (512) 695-9353