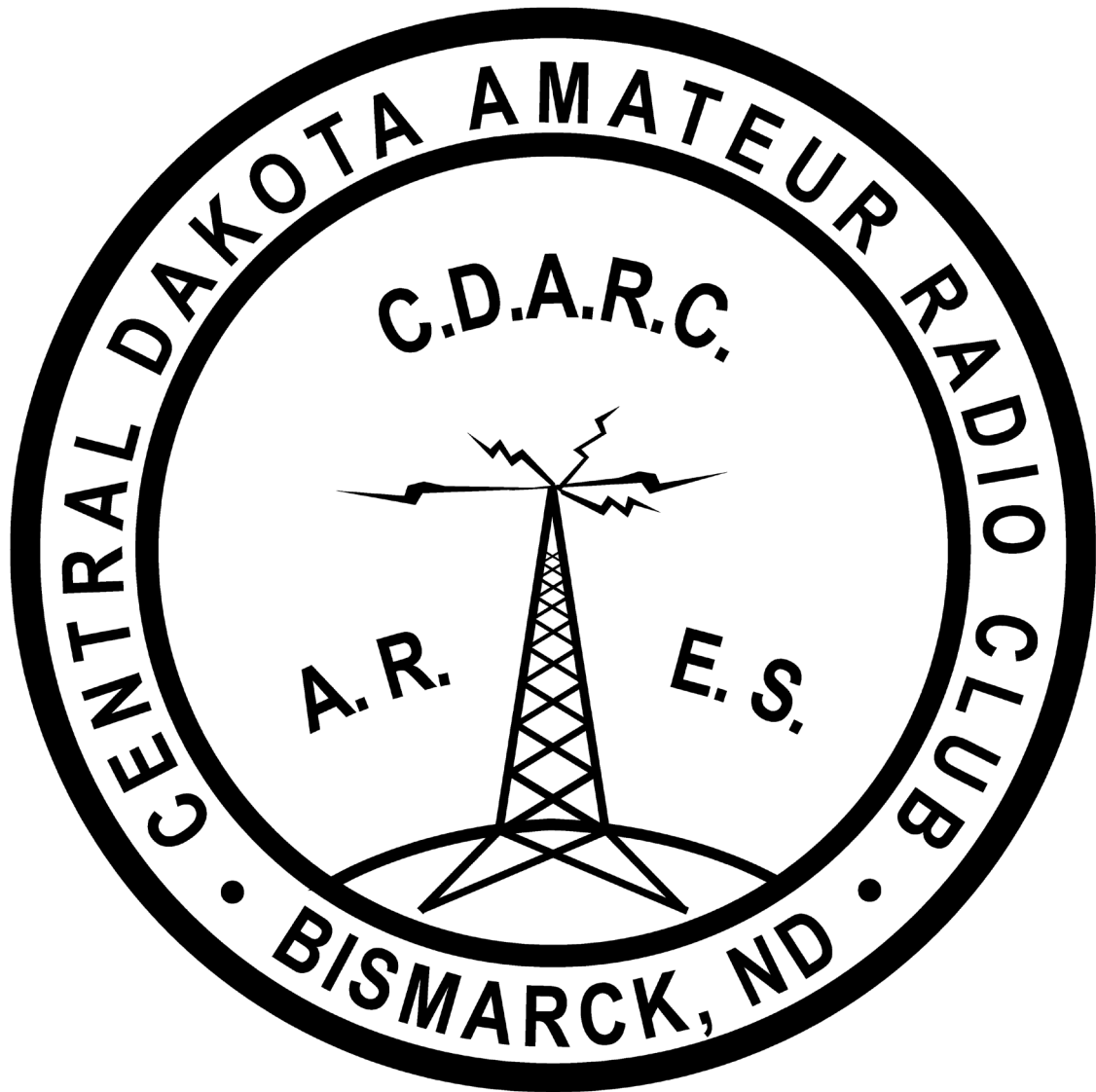


Central Dakota Amateur Radio Club



ABOUT THE CDARC

Central Dakota Amateur Radio Club - W0ZRT was established in 1971. Our purpose shall be to further the exchange of information and cooperation between members, to promote radio knowledge, fraternalism, individual radio operating efficiency, and to conduct programs and activities that advance the general interest and welfare of the United States, North Dakota, our community, and amateur radio.

Central Dakota Amateur Radio Club

Connecting the Community, One Wave at a Time

www.w0zrt.com

Meeting Location: Bismarck Public School Career Academy
1221 college dr room 230
Bismarck ND, 58506

License Testing: 4th Tuesday of every month at 6:00 PM

Meeting Time: 4th Tuesday of every month at 7:00 PM

- **Visit a Meeting:** Prospective members are always welcome to sit in on a meeting—no license required!

1. Why Join an Amateur Radio Club?

Amateur radio—or "ham radio"—is a hobby that evolves with you. Joining a club is the fastest way to bridge the gap from "interested observer" to "expert operator".

- **Hands-On Mentorship:** You gain access to "Elmers"—seasoned operators who offer friendly advice on building stations, troubleshooting equipment, and perfecting your on-air technique.
- **Skill Development:** Our club hosts workshops and technical training on everything from antenna building to digital modes. Members decide what we should learn about at activities.
- **Shared Resources:** Membership often includes access to club-owned repeaters, specialized test equipment, and discounted parts.
- **Networking & Fellowship:** Meet a diverse group of people—from students to engineers—who share your passion for electronics and global communication.
- **A "Judgment-Free" Zone:** Clubs provide a supportive environment for making those first "push-to-talk" contacts, which can be nerve-wracking for beginners.

2. What We Do: Club Activities

A vibrant club is more than just a meeting; it's an active community. Here are the key activities you can expect to be part of:

Public Service & Emergency Readiness

- **Emergency Communications (EmComm):** We partner with organizations like the Burleigh and Morton County EOC to provide vital communication when power and cell towers fail.
- **SKYWARN® Weather Spotting:** Many members serve as "ground truth" for the [National Weather Service](#), reporting severe weather events in real-time.
- **Community Events:** We provide events for scouting.

On-Air Fun & Competitions

- **Field Day:** Our biggest annual event! We set up temporary stations in parks or fields to test our ability to operate under emergency conditions while competing for points.
- **Radio Contesting:** Test your skills by seeing how many contacts you can make in a weekend, competing against other operators globally.

- **Specialty Operating:** Join us for "Parks on the Air" (POTA) or "Summits on the Air" (SOTA) trips, where we take lightweight gear into the wilderness to transmit from remote locations.

Social & Technical Projects

- **Fox Hunts:** A high-tech scavenger hunt where you use directional antennas and signal-tracking skills to find a hidden transmitter
- **Club Picnic:** Every August, our club meets to have a picnic and we have a fox hunt to find a hidden transmitter.
- **Homebrew Nights:** Bring your latest project—whether it's a hand-soldered circuit or a custom-built antenna—to share and get feedback from fellow builders.
- **License Classes & Testing:** We regularly host study sessions and [Volunteer Examiner \(VE\)](#) sessions to help new hams get licensed or help current hams upgrade.

3. Ready to Get Started?

www.w0zrt.com

Meeting Location: Bismarck Public School Career Academy

1221 college dr room 230

Bismarck ND, 58506

License Testing: 4th Tuesday of every month at 6:00 PM

Meeting Time: 4th Tuesday of every month at 7:00 PM

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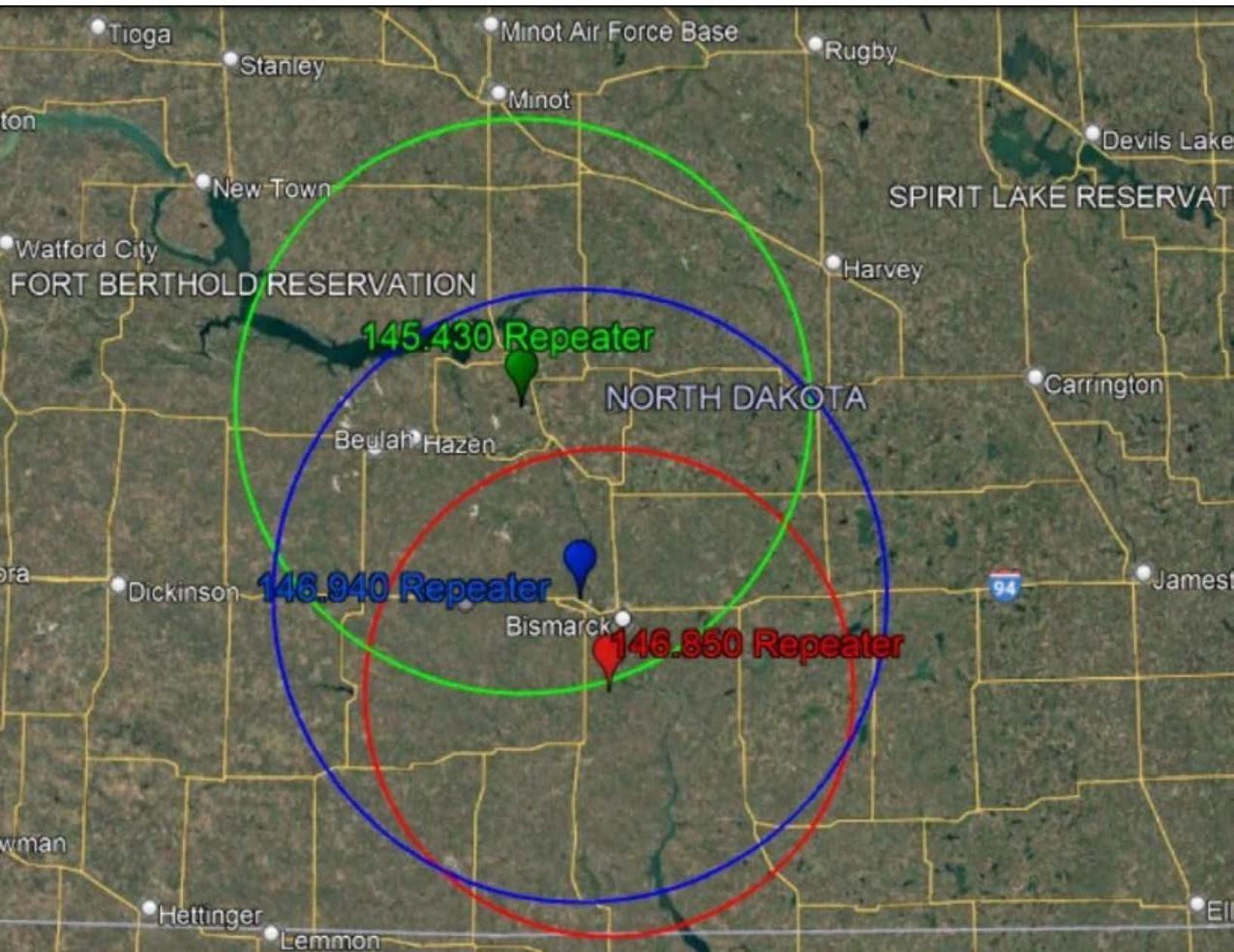
President:	Austin / KE0LOZ	president@w0zrt.com
Vice President:	George / W0GX	vice_president@w0zrt.com
Secretary:	Mike / KE0ESG	secretary@w0zrt.com
Treasurer:	Dee / KB0CBK	treasurer@w0zrt.com
Member At Large:	Rick / N0MBE	memberatlarge2@w0zrt.com
Member At Large:	Chad / KB0AFB	memberatlarge2@w0zrt.com

Calendar of events for 2027	
1/3/2027	No Net Holiday
1/10/2027	Sunday Net 8pm
1/12/2027	Executive Meeting
1/17/2027	Sunday Net 8pm
1/24/2027	Sunday Net 8pm
1/26/2027	Club Meeting and VE Testing
1/31/2027	Sunday Net 8pm
2/7/2027	Sunday Net 8pm
2/9/2027	Executive Meeting
2/14/2027	Sunday Net 8pm
2/21/2027	Sunday Net 8pm
2/23/2027	Club Meeting and VE Testing
2/28/2027	Sunday Net 8pm
3/7/2027	Sunday Net 8pm
3/9/2027	Executive Meeting
3/14/2027	Sunday Net 8pm
3/21/2027	Sunday Net 8pm
3/23/2027	Club Meeting and VE Testing
3/27/2027	Hamfest
3/28/2027	No Net Holiday
4/4/2027	Sunday Net 8pm
4/11/2027	Sunday Net 8pm
4/13/2027	Executive Meeting
4/18/2027	Sunday Net 8pm
4/25/2027	Sunday Net 8pm
4/27/2027	Club Meeting and VE Testing
5/2/2027	Sunday Net 8pm
5/9/2027	Sunday Net 8pm
5/11/2027	Executive Meeting
5/16/2027	Sunday Net 8pm
5/23/2027	Sunday Net 8pm
5/25/2027	Club Meeting and VE Testing
5/30/2027	No Net Holiday
6/6/2027	Sunday Net 8pm
6/8/2027	Executive Meeting
6/13/2027	Sunday Net 8pm
6/20/2027	Sunday Net 8pm
6/22/2027	Club Meeting and VE Testing
6/27/2027	Sunday Net 8pm
Sunday Nets at 8pm on 146.850 repeater	
Executive Meetings at A & B Pizza North	
Club Meetings at BPS Career Academy	

Calendar of events for 2027	
7/4/2027	No Net Holiday
7/11/2027	Sunday Net 8pm
7/13/2027	Executive Meeting
7/18/2027	Sunday Net 8pm
7/25/2027	Sunday Net 8pm
7/27/2027	Club Meeting and VE Testing
8/1/2027	Sunday Net 8pm
8/8/2027	Sunday Net 8pm
8/10/2027	No Executive Meeting
8/15/2027	Sunday Net 8pm
8/22/2027	Sunday Net 8pm
8/24/2027	Club Picnic
8/29/2027	Sunday Net 8pm
9/5/2027	No Net Holiday
9/12/2027	Sunday Net 8pm
9/14/2027	Executive Meeting
9/19/2027	Sunday Net 8pm
9/21/2027	Club Meeting and VE Testing
9/26/2027	Sunday Net 8pm
10/3/2027	Sunday Net 8pm
10/10/2027	Sunday Net 8pm
10/12/2027	Executive Meeting
10/17/2027	Sunday Net 8pm
10/24/2027	Sunday Net 8pm
10/26/2027	Club Meeting and VE Testing
10/31/2027	Sunday Net 8pm
11/7/2027	Sunday Net 8pm
11/9/2027	Executive Meeting
11/14/2027	Sunday Net 8pm
11/21/2027	Sunday Net 8pm
11/23/2027	Club Meeting and VE Testing
11/28/2027	No Net Holiday
12/5/2027	Sunday Net 8pm
12/7/2027	No Executive Meeting
12/12/2027	Sunday Net 8pm
12/19/2027	Sunday Net 8pm
12/21/2027	No Meeting
12/26/2027	No Net Holiday

CENTRAL DAKOTA AMATEUR RADIO CLUB REPEATER COVERAGES

RED 146.850 MHz REPEATER COVERAGE
BLUE 146.940 MHz REPEATER COVERAGE
GREEN 145.430 MHz REPEATER COVERAGE



WHAT IS AMATEUR RADIO?

There are over 1,400 North Dakota licensed radio operators, 700,000 in the US and nearly 3 million worldwide.



Amateur radio is a non-commercial radio communication service on radio frequencies assigned to the Amateur Radio Service by the Federal Communications Commission (FCC) in the United States and the International Telecommunication Union worldwide.

How is amateur radio used?

Ham radio is used for a variety of recreational and service-related activities. Amateur radio operators, also called “hams,” use amateur radio equipment to engage in two-way personal communications with other hams, as well as:

- Participate in competitive events and earn awards in contests
- Aid communication during public events, such as parades and road races
- Act as a vital communications link during emergencies and disasters
- Advance their technical skills and build their own radio components

What is ARRL?

ARRL is the national membership association for amateur radio in the US. We provide opportunities to discover radio, develop skills, and service your local community.

Learn more at arrl.org

Who can become a ham?

Anyone of any age who is not a representative of a foreign government can be an amateur radio operator in the US. Before you can get on the air, you'll need to be licensed and know the rules to operate legally. In the US there are three license classes — Technician, General, and Amateur Extra.

What kind of equipment will I need to get on the air?

Starting simple is often recommended. A reliable handheld radio is a good and affordable way to get started while building your station over time. A complete amateur radio station typically includes a transceiver, power supply unit, antenna, amplifier, headphone, and microphone, and can include several accessories and related devices.

Learn more by contacting us, or visit www.arrl.org/what-is-ham-radio



ARRL the national association for amateur radio®

225 Main Street, Newington, CT 06111

1-888-277-5289 (US) | membership@arrl.org

Amateur Radio...

Serving Your Community



Events such as marathons and bike-a-thons; fund-raisers such as walk-a-thons; celebrations such as parades; and exhibits at fairs, malls and museums — these are all large, preplanned, non-emergency activities.

Amateur Radio people (also called “hams”) are well known for our communications support in disaster and post-disaster situations. But did you know we also provide communication services to the public during special events?

How Amateur Radio Works With Event Sponsors and Public Safety Officials

We’re called “amateurs” because we are not paid. Our services are provided at no charge. Like amateur sports, we do it for the love of it! We may be called “amateurs,” but our communications services are professional.

Amateurs and their equipment can interface with both public safety efforts and event organizers.

Our equipment can be made operational quickly inside a building, in a mobile command post or out in field units.

Hams are trained, organized volunteers willing to meet the communications needs of the event sponsor.

Police and fire radios are for tactical or operational traffic in emergencies. Amateur Radio offers administrative radio communications options for use in your overall management and coordination of the event.

Hams have a readiness to receive specific training for your individual event.

You have instant communications from the starting line to the finish line, the official's area, net control, water stations, aid stations, medical facilities, sag wagons, floats, grandstands, parking areas, review stands and medical command facilities.

Once the necessary introductions have been made, the rest is easy because Amateur Radio people are indeed the experts in meeting communications requirements of every sort. This is what we love to do!

Our radio messages can go to just one location at your event, or event-wide, instantly. Hams can even track the locations of multiple mobile units in real time and display them on a map.

**It's symbiotic.
You need us,
and we want
to help.**



What's Needed for Event Communications?

- The event organizers want Amateur Radio help to be there.
- The event organizers and participating amateurs meet and agree on Amateur Radio's role in the operation.
- Everyone understands and endorses the operational plan.

You will want to place radio amateurs in a lot of different areas. This, of course, will depend on the specific nature of your event, but some places might be: mile markers, half-mile markers, the reviewing stands, start and finish lines, water and aid stations, sag wagons, parking areas, medical stations, event HQ, shadowing coordinators, message centers, floats, and scoring areas.

Relationship to Event Organizers

All event officials should have a clear understanding of the operational plan that defines our role, what we can and cannot do. Amateurs are volunteer, experienced and trained communicators.

The communications plan is developed jointly between the organizers and the hams to meet the needs of the event. A post-event review aids in making the next event even better.

Participating Amateur Radio operators need to be identified by vest, badge or other easily recognizable item and given area access.

Liaison is always maintained with the event leadership to provide flexibility as situations change.

What Do the Hams Get Out of It?

Besides the basic enjoyment in using our hobby and knowing we are serving our neighbors, we get practice!

No two special event operations are going to be the same. Your operational plan will depend on your own requirements and your resources. But hams are adaptive! They've been providing public service communications for a century in all sorts of situations.

**If you want a GREAT event,
you need great communications.
We can help.**



ARRL The national association for
AMATEUR RADIO
225 Main Street • Newington, CT USA 06111
(860) 594-0200 • www.arrl.org

Or contact the Amateur Radio group in your community by contacting:

CENTRAL DAKOTA
AMATEUR RADIO CLUB
information@w0zrt.com

www.w0zrt.com



WHY YOU SHOULD GIVE AMATEUR RADIO A TRY



Make Global Connections

Meet great people all over the world, from every walk of life and every generation. Over 2 million smart and inspiring people are on the amateur airwaves and eager to talk to you!



Get Involved in Public Service

Community events, such as parades and road races, require radio communications along their routes for logistic support, scoring, and first aid.



Explore Technology

Discover how radio works by building projects and experimenting. Build a simple radio receiver and make a wire antenna to listen for far-away signals.



Compete & Win

From “foxhunting” for hidden radio signals to on-the-air contests for awards, amateur radio offers many challenging & fun ways to compete.



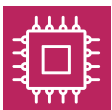
Make a Difference

When cell phones, the internet, and other systems are down, amateur radio still gets the message out. It is a vital service that can save lives when regular communication systems fail.



Expand Your World

Talk through satellites and with astronauts on board the International Space Station.



Get Creative

Design, build, and test your gear, whether from scratch or a kit. Challenge yourself to make a one-of-a-kind electronic project.



Develop New Skills

Don't be afraid to try new things and learn new skills. Through amateur radio, you can develop communication skills to improve your career, friendships, and life!



Enjoy the Great Outdoors

Get outside and on the air or take a hike to make contacts on the summit of a mountain.

What is Amateur Radio?

Amateur radio (ham radio) is a popular hobby and service that brings people, electronics, and communication together. You can use ham radio to talk across town, around the world, or even into space, all without the internet or cell phones. It's fun, social, educational, and can be a lifeline during times of need.

Who are Hams?

There's no one type of person who becomes a “ham”—from doctors to students to celebrities, all ages and life-styles are linked by their interest in wire-less communications and technology.

Get Started — Get Licensed!

There are three classes of amateur radio licenses in the US—Technician, General, and Amateur Extra, each with increasing airwave privileges. The Technician-class license is the entry-level license and requires passing an exam with 35 questions on radio theory, regulations, and operating practices.

With this license, you can communicate locally and often throughout North America. It also allows for some limited privileges on the HF (also called “shortwave”) bands used for international communications.



Want to Learn More? Discover the ARRL Community

ARRL is the national membership association for amateur radio operators. We provide opportunities to discover radio, to develop new skills, and to serve your local community. No other organization works harder than ARRL to promote and protect amateur radio!

ARRL has over 100 years of experience supporting hams in pursuing their interest in amateur radio. Visit us today at arrl.org/new-ham-resources.



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ARRL The National Association for
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Amateur Radio Emergency Service® – ARES® Fact Sheet

Amateur Radio Emergency Service (ARES): ARES is a program of ARRL The National Association for Amateur Radio®, offering to the public and to its partners trained, federally licensed operators who are skilled in applying a wide range of effective emergency/disaster communications techniques and who are committed to supporting our partners' missions in service to the public.

ARES Vision Statement: ARES is the premier amateur radio emergency communications service to the United States and its territories.

ARES Mission Statement: ARES strives to be an effective partner in emergency/disaster response, providing the citizenry and public service/safety partners with communications expertise, situational awareness, and capabilities of professional communicators.

ARES Values:

- **RELEVANT:** ARES is there When All Else Fails®... and before.
- **LEADERSHIP:** ARES leverages the strength of its ARRL member-volunteers and the leaders within its organizational structure to create and nurture professional-level relationships with community, government, and other partners in emergency management.
- **RESOURCEFUL:** ARES strives to be an invaluable tool that communities and first responders can call upon in times of need for reliable and robust communications.
- **INNOVATIVE:** ARES adopts state-of-the-art capabilities for deployment, setup, and operation of world-class, resilient communications from operations centers to field locations.
- **SKILLED:** ARES volunteers have access to leading training courses in radio communications and related technologies to support wide-ranging emergency scenarios.
- **EQUIPPED:** ARES provides robust, multi-spectrum analog and digital communications as well as networking assets to its trained force of volunteers, regardless of location, for in-person, mobile, and fixed capabilities.

ARES Partners: ARES partners are served agencies that fall into two broad categories: government agencies (federal, state, local, and tribal) and non-governmental organizations (NGOs).

AUXCOMM: AUXCOMM is a training standard managed by the Emergency Communications Division of the Cybersecurity and Infrastructure Security Agency (CISA) of the Department of Homeland Security. ARRL and ARES support and encourage AUXCOMM training.

ARES Engagement (Government Agencies): ARES volunteers working with government agencies will function in partnership with the served agency in accordance with agreements or Memorandums of Understanding (MOUs) at the federal, state, or local level. An ARES volunteer will abide by the guidelines of the served agency while not in conflict with ARES guidelines and training. This level of service may vary from Emergency Operations Centers (EOCs) to field deployments with a variety of government organizations. Government agencies may require additional training or screening, including AUXCOMM or EOC training.

ARES Engagement (NGOs): ARES has had a long history of partnerships with other NGOs and maintains agreements with many at all levels of response. ARES volunteers assist these organizations in many capacities, including at shelters, aid stations, and operations centers in times of need. Some of these organizations may require additional training or other requirements. ARES volunteers are encouraged to participate to the level they feel is appropriate for them.

Further information is available at www.arrl.org/ares.



SKYWARN STORM SPOTTERS

SKYWARN is a national network of volunteer severe weather spotters. There are currently over 230,000 trained SKYWARN spotters in the U.S. These dedicated citizens come from all walks of life and help keep their local communities safe by conveying severe weather reports to NOAA's National Weather Service (NWS). They are trained by local NWS meteorologists on how to safely observe severe thunderstorms, tornadoes, hail, flooding, heavy snow, and ice accumulation. Where appropriate, training is received on other hazardous phenomena such as volcanic ashfall, waterspouts, rip currents, mudslides, and even earthquakes.

Since the program's inception in the early 1970s, the information provided by SKYWARN spotters, has enabled the NWS to issue more timely and accurate life saving severe weather warnings. Radar may tell us that heavy snow is falling, but it can not tell us how much snow is on the ground or if rain is mixing with the snow. Spotters provide the real time "ground-truth" necessary for an effective national warning system. Reports are used by NWS forecasters to send out public statements, warnings and advisories, and short-term forecasts. These products reach the public through the internet, NOAA Weather Radio (www.nws.noaa.gov/nwr), the media and other commercial services. SKYWARN spotter reports also go into *Storm Data*, which is an official publication that documents severe weather across the country. *Storm Data* can be used to create a severe weather climatology (or history) of a local county or city. *Storm Data* is published by the National Climatic Data Center.

In the average year, 10,000 severe thunderstorms, 5,000 floods, and over 1,000 tornadoes occur across the United States. These storms have killed many people in the U.S. and injured numerous others. A major lesson learned from recent disasters such as Hurricane Katrina, is that it is every organizations' responsibility to develop an emergency response plan. Any solid response plan has a section that deals with severe weather hazards and should identify *Designated Weather Watchers*. These individuals remain aware of weather conditions on the behalf of others, so they can go about their business. When conditions become potentially hazardous, the Designated Weather Watcher heightens his or her weather monitoring activities to remain cognizant of the threat to their specific location. In addition, they know how to initiate a local warning action to influence the actions of others when there is a developing weather emergency. Having a Designated Weather Watcher as part of organizational plans is not only important in terms of safety, it makes good business sense. The training provided to become a SKYWARN spotter can also be used to qualify a Designated Weather Watcher in your organization.

How can I get involved?

Every year the NWS conducts SKYWARN spotter training sessions. The NWS currently has 122 Weather Forecast Office's across the nation, each with a *Warning Coordination Meteorologist (WCM)*, who is responsible for administering the SKYWARN program in their local area. There is no charge and a typical class takes about 2 hours to conduct. To find out when a SKYWARN spotter class will be conducted in local your area, please contact your local Warning Coordination Meteorologist at: www.stormready.noaa.gov/contact.htm

SKYWARN storm spotters form the Nation's first line of defense against severe weather. The efforts of these unsung heroes give communities throughout our country the precious gift of time – the seconds and minutes that can help save lives. For more about the SKYWARN program, visit the NWS National SKYWARN web page at www.weather.gov/skywarn

PARKS ON THE AIR OR POTA

[Parks on the Air](#) (POTA) is a ham radio activity where ham radio operators go to national parks and “activate” them by setting up a ham radio station and making contacts. It provides an excellent opportunity for demonstrating the core components of HF activation while enjoying the natural surroundings. People can also participate in POTA by operating their ham radio from home! You’ll often hear people calling “CQ POTA” from a park when looking for a contact.



T

Why should I care about POTA?

Well first off.... it’s fun! Getting outdoors and operating your ham radio is a great way to grow your skills and meet other ham radio operators. But it’s also a GREAT way to practice operating in case of emergency situations and improve your overall skill.

To get started with POTA, here are some prerequisites:

- [Get Your Ham Radio License](#) -> a General License is preferred for access to the HF Bands
- **Get an HF Radio and Portable Antenna.**
- **Practice Making a Contact at Home.**

Preparation for the Activation

1. **Get A Logbook** -> You’ll need a logbook to log your contacts when you get to the park. We recommend the [World Radio League](#) which has a web logger and [mobile app](#), and most importantly -> **it’s easy to use!**
2. **Find a Park** using the [POTA website](#)
3. **Drive to the Park and Set Up Your Station**
4. **Set your Frequency and Start Operating!**



What is ARRL Field Day?

Produced by ARRL, the national association for amateur radio <http://www.arrl.org>

ARRL Field Day is the single most popular on-the-air event held annually in the US and Canada. On the fourth weekend of June of each year, thousands of radio amateurs gather with their clubs, groups or simply with friends to operate from remote locations.

Field Day is a picnic, a campout, practice for emergencies, an informal contest and, most of all, FUN!

It is a time where many aspects of Amateur Radio come together to highlight our many roles. While some will treat it as a contest, other groups use the opportunity to practice their emergency response capabilities. It is an excellent opportunity to demonstrate Amateur Radio to the organizations that Amateur Radio might serve in an emergency, as well as the general public. For many clubs, ARRL Field Day is one of the highlights of their annual calendar.

The contest part is simply to contact as many other stations as possible and to learn to operate our radio gear in abnormal situations and less than optimal conditions.

We use these same skills when we help with events such as marathons and bike-a-thons; fund-raisers such as walk-a-thons; celebrations such as parades; and exhibits at fairs, malls and museums — these are all large, preplanned, non-emergency activities.

But 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 people (also called “hams”) are well known for our communications support in real disaster and post-disaster situations.

What is the ARRL?

The American Radio Relay League is the national association for Amateur Radio in the USA, representing over 170,000 FCC-licensed Amateurs. The ARRL is the primary source of information about what is going on in ham radio. It provides books, news, support and information for individuals and clubs, special events, continuing education classes and other benefits for its members.

What is Amateur Radio

Often called “ham radio,” the Amateur Radio Service has been around for a century. In that time, it’s grown into a worldwide community of licensed operators using the airwaves with every conceivable means of communications technology. Its people range in age from youngsters to grandparents. Even rocket scientists and a rock star or two are in the ham ranks. Most, however, are just normal folks like you and me who enjoy learning and being able to transmit voice, data and pictures through the air to unusual places, both near and far, without depending on commercial systems.

The Amateur Radio frequencies are the last remaining place in the usable radio spectrum where you as an individual can develop and experiment with wireless communications. Hams not only can make and modify their equipment, but can create whole new ways to do things.

For More Information visit: www.arrl.org/field-day

Updated 3/2021

Jamboree-on-the-Air

Jamboree-on-the-Air, or JOTA, is the largest Scouting event in the world. It is held annually the third full weekend in October. JOTA uses amateur radio to link Scouts and hams around the world, around the nation, and in your own community. This jamboree requires no travel, other than to a nearby amateur radio operator's ham shack. Many times, you can find the hams will come to you by setting up a station at your Scout camporee, at the park down the block, or perhaps at a ham shack already set up at your council's camp.

Tell Me More

Scouts of any age can participate, from Cub Scouts to Scouts BSA, Venturers, Sea Scouts and Leaders. Once at the ham radio station, communication typically involves talking on a microphone and listening on the station speakers. However, many forms of specialized communication may also be taking place, such as video communication, digital communication (much like sending a message on your smartphone but transmitted by radio), or communication through a satellite relay or an earth-based relay (called a repeater). The exchanges include such information as name, location (called QTH in ham speak), Scout rank, age, and hobbies. The stations you'll be communicating with can be across town, across the country, or even around the world! JOTA-JOTI attracts almost 2 million Scout participants from more than 170 countries!

When Is It?

Jamboree-on-the-Air is held the third weekend in October. There are no official hours, so you have the whole weekend to make JOTA contacts. The event officially starts Friday evening during the JOTA Jump Start and runs through Sunday evening.

How Can I Participate as an Amateur Radio Operator?

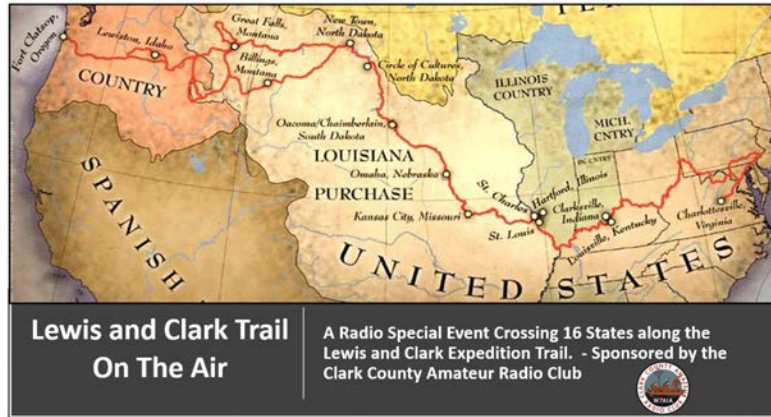
Contact your local Scout council and see what may already be planned in your area and how you can help. You can find your council using [the Council locator](#).

If nothing is currently planned, or if current plans aren't reaching your area, you can work with the council or a local unit (pack, troop, crew) to set up a JOTA station or arrange for visits to your ham shack. You can also participate just by making QSOs with the many JOTA stations that will be on the air. A good resource to find a local Scout unit is the Be-A-Scout website at .

For more information, go to: www.jotajoti.info



LEWIS and CLARK TRAIL ON THE AIR



- The LCTOTA will be an on-air event fashioned after the 13 Colonies and Route 66 on-air events.
- There will be activators calling CQ from 16 different states associated with the Lewis and Clark Trail. The hunters will be the radio operators trying to contact each state.
- The hunters participating in the event can request a certificate based on their achievement. A radio operator contacting all 16 states will be eligible to purchase a certificate as an “Expedition Partner.” Radio operators making contact with 1-15 states can still order a certificate as a “Trail Companion”.
- Eastern US and Western US bonus stations will be operating to provide a hunter an extra contact in case they miss one of the 16 states.
- Schedule: June 6 (0000 UTC) to June 21 (2359 UTC). Event will take place over a 16-day period and incorporate 3 weekends.
- Modes of Operation: SSB Voice, CW and FT8/FT4
- Bands: 2m, 6m, 10m, 15m, 20m, 40m & 80m
- Targeting 60 hours of activation per club and at minimum 1500 QSO per state. Most states have 2 clubs activating to help reach the QSO target.
- Only activating stations submit a log (similar to a POTA activation)



HOW TO STUDY FOR AMATEUR RADIO LICENSE EXAM

To study for the Technician license, use online tools like Hamstudy.org or Hamradioschool.com for practice tests, read the ARRL Ham Radio License Manual or No Nonsense Study Guide, or Hamradioschool study guides, and review the official question pool. Focus on understanding key concepts rather than just memorizing answers, aiming for 80-85% on practice tests before taking the 35-question exam.

Key Study Strategies

- **Use Online Platforms:** Hamstudy.org is widely considered the best resource, offering flashcards, question explanations, and accurate practice tests.
- another good site is Hamradioschool.com offering module lessons, question explanations, and accurate practice tests.
- **Study Guides:** Use the ARRL Ham Radio License Manual (5th Edition) or KB6NU's "No-Nonsense" guides for clear explanations.
- **Practice Tests:** Take consistent practice tests until you are scoring consistently high, then, when you're ready to take the test, find an exam session.
- **Focus on Core Topics:** Understand basic electronics (Ohm's Law), safety procedures, regulations (FCC rules), and radio operating procedures.

Exam Preparation Tips

- **Leverage Video Learning:** Supplement reading with YouTube tutorials that break down technical concepts.
- **Don't Just Memorize:** Understanding the "why" behind the answers,, as suggested on [Reddit's /r/HamRadio](#), helps with practical, real-world operation.
- **Schedule a Deadline:** Set a specific date for your exam to keep your studying consistent and on track.

Alternative Resources

- **Audiobooks:** Audible versions of study guides are available.
- **Apps:** The Ham Study app offers the same functionality as the website for on-the-go studying.
- **Local Clubs:** contact Central Dakota Amateur Radio Club for in-person classes and support.