



ARC OVER

DECEMBER 2025



The Official Newsletter of the Fox River Radio League
101 Years of continuous service to our communities

1924  2025

Who We Are

President:

Kermit Carlson W9XA

Vice

Dan Nolan WA9FRY

Secretary:

Art Shuter NN9I

Treasurer:

Dan Harmon WA9YKK

Director :1

Will Sperling W9WSS

Director: 2 Pat

Brod K9ANL

Director 3

Paul Mitchell KC9SEB

Director 4

John Greusel KC9OJV

Past

Terry Todd W9AUV

Programs:

Paul Mitchell KC9SEB

Education / VE:

Dan Nolan WA9FRY

License Trustee (W9CEQ):

Kermit Carlson, W9XA

License Trustee (W9NE):

Denny Barfuss W9HI

Newsletter Editor:

Jerry Chapman N9JLC

Webmaster:

Mark Van Daele K9MEV

Membership Database:

Curt Sauer, W9YNP

Net Coordinator:

Curt Sauer, W9YNP

About Us

The Fox River Radio League, Inc. is a general interest Amateur Radio club serving the central Fox River Valley area in Illinois. Club records indicate the club has been in existence since at least 1924, and it has functioned continuously ever since. We are an ARRL Special Service Club, an Illinois not-for-profit corporation, and a 501(c)(3) tax exempt organization as specified in Federal IRS Statutes.

We sponsor training classes for those seeking a new or upgraded Amateur Radio license, license examination sessions, and participation in various local Public Service events. Our membership covers a broad variety of interests - if you have a specialized amateur radio interest, you will likely find camaraderie with one or more of our club members.

We meet on the 2nd Tuesday of every month at Bethany Lutheran Church, located at 8 S. Lincoln St. in Batavia, Ill. The meeting begins at 7:30 PM and includes a short business portion, social time and a program presentation of interest.

Meetings are open to the public. Anyone interested in the amateur radio hobby are invited to attend. Family members are welcome.

Join Us
On
Facebook



Fox River Radio League

Mailing Address:

P. O Box 673

Batavia, IL 60510-0673

Email: info@frrl.org

Website: <http://www.frirl.org>





From —
the desk
 of....

FRRL President —



Kermit Carlson

Merry Christmas and Holiday Greetings;

Please join us at the December FRRL Meeting for our annual Christmas Party. Please bring non-perishable food, household paper products, or cash donations for the area Food Bank. Mike Urso K9FE will be collecting the donations.

We will hold the annual Holiday White Elephant Gift Exchange of usable ham-related items for the shack. To participate just bring an excess item(s) useful in the shack, in good condition, to receive a ticket for the gift drawing. An approximate gift value of \$20-\$35 is recommended.

Voting is underway for Directors and Officers for the FRRL. The results will be announced at this December 9th meeting. Voting does close at midnight December 8th. Thank you to Chris Kennel, KC9BKS, for his work with the OpaVote system to facilitate the balloting. As of November 22nd, of the 174 FRRL members who are eligible to vote there have been 75 votes cast with 99 who have not yet voted. We have had three people who found their ballots in their spam box, if you don't see an email from OpaVote please check your email spam folder. One "reminder" email on November 21st resent the ballots to the members who had not voted along with their unique link to their ballot. Please take time to vote, just click the link in the email.

My thanks to all of the club members who have led all of the wonderful programs and activities this year, and I give a special note of thanks to all of the 2025 FRRL Officers and Directors. FRRL Directors KC9SEB Paul Mitchell, and KC9OJV John Greusel are in their mid-term and will continue on the Board,

Our slate of candidates for FRRL Club Office in the new 2026 term includes;

President	K9ANL	Patrick Brod
Vice President	WA9FRY	Dan Nolan
Treasurer	WA9YKK	Dan Harmon
Secretary	NN9I	Art Shuter
Director -select two of the 3 Candidates		
	W9WSS	Will Sperling
	W9HI	Denny Barfuss
	WBØOET	Greg Copeland

The results of the election will be announced at the December meeting and the newly elected FRRL Board Members will be installed at the January meeting.

Our December program will be the Holiday Party, so there will be no Zoom connection for the meeting. We look forward to seeing you, in person, at the Bethany Lutheran Church, Community Room, located at Lincoln St. and Wilson St, in Batavia at 7:30Pm December 9th !

Best Holiday Greetings,

73, Kermit W9XA





ARC OVER

FOX RIVER RADIO LEAGUE MEMBERSHIP MEETING MINUTES NOVEMBER 11, 2025

Minutes of the Regular Meeting of the **General Membership** of the Fox River Radio League (FRRL) an Illinois not-for-profit Corporation

The November 11, 2025, Membership Meeting was held at the Bethany Lutheran Church Batavia, IL. There were 46 members attending in person and 9 on Zoom.

Board Members and Directors Present

President- Kermit Carlson W9XA

Vice President-Dan Nolan WA9FRY

Treasurer, Dan Harmon WA9YKK

Secretary, Art Shuter NN9I

Director, Will Sperling W9WSS

Director, Paul Mitchell KC9SEB

Director, John Greusel KC9OJV

Director, Pat Brod K9ANL

Past president, Terry W9AUV

The meeting was called to order by Kermit W9XA at 7:30 pm CST at Bethany Lutheran Church, Batavia, IL.

Pledge of Allegiance

Approval of October meeting minutes: Motion moved by Mike K9FE, with 2nd by Terry W9AUV. Motion passed.

Treasurer's Report Dan WA9YKK: Dan reported the bank account balances as of November 4, 2025.

Education: Dan WA9FRY – Technician class is continuing. Spring of 2026 there will be an Extra Class with General Class in the spring of 2027. Scouting activities will continue as requested by the Scouts.

Storage and Equipment – WA9FRY – Dan is testing some equipment and there will be some equipment for Silent Auctions in the future.

Illinois QSO Party – Denny W9HI – Mike K9FE created a power point presentation on the QSO party with Denny doing the narration. The activity was a great success.

Field Day – Patrick K9ANL/Greg WB0OET – Pat reported that we received first place in our category for Field Day 2025.



The Pearl in St. Charles - Pat K9ANL did a presentation about Ham Radio at the Pearl Rehabilitation Center in St. Charles.

Club Activities: Paul KC9SEB – Tonight's program will be presented by Paul about Vector Network Analyzers. Next month the Club will collect food and money for donation to the Batavia Food Bank.

VE update – Denny W9HI – VE testing will take place on November 20th.

Membership/Database – Curt W9YNP - We now have 184 members.

Newsletter – Jerry N9JLC – Jerry is always looking for contributions to the newsletter.

Technical – John K9OJV/Mark K9MEV – John is working on a low power amplifier.

Repeaters – Kermit W9XA – All repeaters are working well.

The letters to Congressmen in support of the Amateur Radio Emergency Preparedness Act H.R.1094/S.459 have been sent.

Nomination Committee Report – Art NN9I, Mike K9FE, Terry W9AUV. The nominees were introduced, and each gave a short presentation about themselves. Voting will be done online.

Motion to close the nominations by Dean KC9EOQ with 2nd by Curt W9YNP. Motion passed.

Old Business:

Equipment available for sale from the estates of: W0LEN, NA9A and W9GIG. Kermit talked about some of the equipment that is available and how to acquire it.

Upcoming Events -

Phone sweepstakes Nov 15-17

Newsletter Deadline Nov 20th

VE session Nov 20th

Online voting Due by Dec 8th.

December Holiday Party Dec. 11th (Bring perishable goods)

Winter Pizza party Jan 13, 2026

Motion to adjourn: Motion moved by Ken N9WCX with 2nd by Jerry N9JLC. Motion passed.

Meeting adjourned at 8:45 CST.

Respectfully submitted,

Art Shuter – FRRL Secretary



WELCOME NEW MEMBERS !!

Call Sign	Name	License
KB9NDB	Brian Buchberger	General
KD9PRP	Andrew Barnette	Technician
No Call	Mark Matthes	



November Meeting Pictures



SUNDAY	MONDAY 1	TUESDAY 2	WEDNESDAY 3	THURSDAY 4	FRIDAY 5	SATURDAY 6
	CW NET 28.150 2000  SSB NET 28.720 2030	1830 FRRL BOD Mtg 1930 FRRL 2M NET	Technician License Class 1930 FRRL220 Net 223.86 - 110.9			
1900 ALL OPR NET Pearl Harbor Day	CW NET 28.150 2000  SSB NET 28.720 2030	1930 Mbr Mtg No Net	1930 FRRL220 Net 223.86 - 110.9			
1900 ALL OPR NET	CW NET 28.150 2000  SSB NET 28.720 2030	1930 FRRL 2M NET	1930 FRRL220 Net 223.86 - 110.9			NEWSLETTER DEADLINE
1900 ALL OPR NET	CW NET 28.150 2000  SSB NET 28.720 2030	1930 FRRL 2M NET	Christmas Eve 1930 FRRL220 Net 223.86 - 110.9	Christmas Day		
28 1900 ALL OPR NET	CW NET 28.150 2000  SSB NET 28.720 2030	1930 FRRL 2M NET	New Years Eve 1930 FRRL220 Net 223.86 - 110.9			
WCRA 2M NET 8PM 145.31 -6 107.2 	VARA 2M NET 8PM 146.79 -6 107.2 	FRRL 2M NET 7:30 147.21 +6 103.5 	ARES 2M NET 6:30 145.47 -6 103.5 	DUPAGE ARES 70CM NET 7:30 444.875 +5 114.8 	MEMBER MEETING BETHANY LUTHERAN CHURCH 8 SOUTH LINCOLN ST. BATAVIA IL	



December 2025
Fox River Radio League

W9CEQ



ARC OVER

NEWS AND INFORMATION CENTER

Local - National - International

FRRL

December 2025 Meeting

WHITE ELEPHANT



GIFT EXCHANGE

Bring One Get one

If you can please bring a non perishable food item(s) and / or paper goods to be given to a local food pantry,



Announcing the FRRL White Elephant gift exchange. Bring a gift and you get to take one home. Please look through your shack for a good but an unused item or something you have not used for a long time, it can be a decent gift. Try to go for an average value of \$20. Please no junk or unusable items. if you are wrapping challenged a paper bag is good enough! See how creative you can be!

When you bring the gift you will get a ticket. We will randomly pull a ticket and then you get to pick your prize.

73 and



de K9FE Mike"



Feel free to bring a snack to share at the meeting





2026 FRRL Officer & Director Elections



Elections will be held at the December member meeting.

On line voting.

** Officers are for a one year term.

**Directors are for a two year term.

You will be able to make write in votes

Pick one

President	☐
Patrick Brod	
Vice President	☐
Dan Nolen	
Secretary	☐
Art Shuter	
Treasurer	☐
Dan Harmon	

Director	☐
Greg Copeland	
	☐
Denny Barfuss	
Director	☐
Director	
William (Will) Sperling	



Your Candidates for 2026 Officers



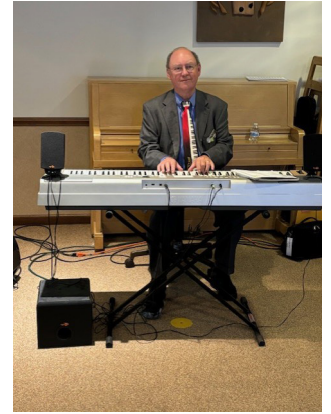
President
Pat Brod



Vice President
Dan Nolen



Treasurer Dan
Harmon



Secretary
Art Shiuter

You will receive an email with directions on how to place your vote for the FRRL election of Officers and Directors using the OpaVote website.

Please feel free to contact me by email if you have any questions or problems placing your vote.

My email is president@frrl.org

73, Kermit Carlson W9XA

Directors



Will Sperling



Greg Copeland



Denny Barfuss





**LOOKING
AHEAD**



WINTER FIELD DAY 2026

January 24th & 25th, 2026

The Winter Field Day event aims to help participants improve their preparedness for disasters and enhance their operational abilities in adverse conditions. Amateur radio operators have the freedom to use frequencies on the HF, VHF, or UHF bands while employing voice, CW, and digital transmissions. The event designates specific objectives to encourage a diverse range of activities, including the use of non-commercial power sources, the deployment of multiple antennas, establishing satellite contacts, and more. Click [here](#) to read more about the history and purpose of winter field day.



For you
&
"other"

FRRL PIZZA PARTY

Pal Joeys

January 13th

Price TBD

WINTERHEAT INFO:

WINTERHEAT is a month long VHF/UHF simplex event held every January.

While the main purpose of the event is for participants to make as many contacts as possible during the event. Many additional benefits arise from this event to include:

Gauge the performance and range of their radio equipment.

Make adjustments to their equipment for better performance.

Experiment with new antenna designs or techniques.

Understand how their equipment performs under a variety of propagation variables.

Since this is a month long event it gives the participants more time to make adjustments and experiment which typically cannot be done with events that are short in duration.



GENERAL INFORMATION

All participants must be registered with the automated logging system for contacts to be credited

All contacts must be made on the designated amateur radio frequencies. (see below)

Contacts must be via FM voice and can be either analog or digital (DMR, Fusion, D-Star).

All contacts must be made during the event period. (00:01UTC January 1 to 23:59UTC January 31)

Stations may only make contact with each other once per day on each designated frequency.

DMR, C4FM and D-STAR Simplex Frequencies are simply recommendations. Since some areas have pre-designated digital voice simplex frequencies, they may use those frequencies as long as no external repeaters or other infrastructure is used. Simply select the frequency/mode that closely matches your method.



Click [HERE](#) For More Information



ANALOG

2M	70cm	Other
147.570	446.700	52.540
147.525	446.400	50.350
		223.400
		927.100

DIGITAL

2M	70cm
C4FM 147.555	446.600
DMR 145.790	446.0750
TG99 TS1 CC1	TG99 TS1 CC1
D-STAR 145.670	446.225



National Pearl Harbor Remembrance Day

84th Commemoration

Building Pathways to Peace

December 7, 2025

Building Pathways to Peace, the theme of the 84th Anniversary commemoration of the attack on Pearl Harbor, highlights the importance of remembering the moment in the past when the prospects for peace were shattered and our nation was plunged into global war, while looking forward with gratitude, optimism and determination to recognize and embrace the opportunities to establish and cultivate a brighter future.

2025 represents a milestone year for our nation and all of humanity. In September, Americans and the peace-loving nations of the world paused to remember and reflect on the 80 years that have passed since the end of World War II. The sacrifice of those who perished in that calamitous conflict, that began for the United States at Pearl Harbor, will never be forgotten. And the memory of the hardship faced in that costly war, and the long years of struggle to regain a footing of peace brings the focus of this annual commemorative date to an even greater clarity.

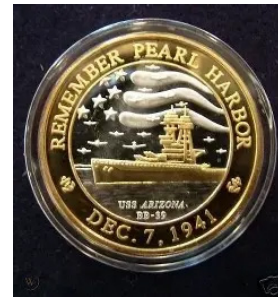
For decades the iconic presence of the USS Arizona Memorial and the battleship Missouri have combined to serve as bookends of that war and a powerful reminder of the need to reflect on the past and honor our sacred dead. In harmony with that legacy the Tree of Life, in the Shrine Room, with its clarion call to embrace the hope of lasting peace reminds all who visit to heed the words of General MacArthur when he said, "We must go forward to preserve in peace what we won in war."

Like the millions who have visited these memorials over many years, this 84th anniversary commemoration brings together a vast community of individuals and organizations who share common values, an obligation to honor the past, with thoughtful reflection on the legacy of the Greatest Generation and a dedication to pursue and build on the promise of a lasting peace. Within that framework a collective understanding prevails that we honor those who fought and died to win the peace by embracing the values they defined of vigilant service with mutual respect, understanding and cooperation and the tireless commitment to build upon those pathways to peace.

Honoring National Pearl Harbor Remembrance Day

Each year on December 7, Pearl Harbor Survivors, veterans, and visitors from all over the world come together to honor and remember the 2,403 service members and civilians who were killed during the Japanese attack on Pearl Harbor on December 7, 1941. A further 1,178 people were injured in the attack, which permanently sank two U.S. Navy battleships (the USS Arizona and the USS Utah) and destroyed 188 aircraft.

On August 23, 1994, the United States Congress designated December 7 as National Pearl Harbor Remembrance Day. Every year, remembrance events are held at the Pearl Harbor National Memorial, culminating in a commemoration ceremony on December 7.



It's amazing what goes on behind the scenes with ham radio operators.

I'd like to share a bit about Len Bednarczyk, WA9OJD. I first found out that Len had a knack for taking in old radios, fixing them up, and then giving—yes, giving—them to new or aspiring hams who needed one. What an admirable thing to do.

Not too long ago, I was on the lookout for a radio and mentioned it to Len. He offered to sell me one he'd done some minor repairs on. I took him up on the offer and purchased the radio. Len thanked me and then mentioned something about me donating to a "Giving Tree." Naturally, I was curious, so I asked him to tell me more about it.

He explained that it's basically a local initiative where anyone can donate whatever amount they'd like. The donations are then collected and passed along to an organization that either distributes the funds or uses them to buy food for less fortunate individuals. Len offered to get me more details and send over a flyer, but he said it's mainly for locals, and it's something that happens every year.

Here's how it works: If you want to donate, you pick up an envelope—either from the office or directly from the tree. You fill it out and either hand it to someone or drop it in a collection box (last year, they had a box for easy drop-off). Sometimes the envelopes come with specific requests for things people need, and you can either purchase the requested items or just donate cash to help fulfill the need.



Len believes If he remembers correctly, last year they raised about \$29,000.

What's even more impressive? Instead of keeping the money for himself, Len took my payment and donated it to the Giving Tree. Now that's generosity in action.

I'm sure Len isn't the only "Santa" in our group. To those of you who help the less fortunate - *THANK YOU*

Jerry Chapman N9JLC

MERRY



CHRISTMAS !!



2025 Field Day Point Scoring

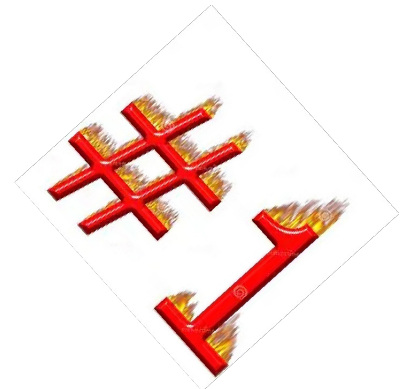


FRRL was 8A at Mooseheart, IL

- ✓ Eight (8) separate simultaneous transmitters
- ✓ A (Alpha) - Club or non-club groups of three or more people who set up temporary/portable Field Day sites away from their usual station location

	Group/Club	Call Used	QSOs	Power	Total Score w bonus pts / Qty of Participants	State
➡ 1 st	Fox River Radio League W9CEQ	W9NE	3,211	6 – 100 watts	80 / 13,128	IL
2 nd	Forsyth ARC W4NC	W4WS	2,533	6 – 100 watts	65 / 11,539	NC
3 rd	Mahoning Valley ARA W8QLY	W8QLY	2,581	6 – 100 watts	35 / 10,286	OH
4 th	Lake Area Radio Klub W0WTN	N0SD	1,356	6 – 100 watts	56 / 7,205	SD
5 th	Penn Wireless Assn W3SK	W3SK	1,123	6 – 100 watts	19 / 6,160	EPA
6 th	Tyler ARC K5TYR	K5TYR	1,856	6 – 100 watts	30 / 6,018	NTX
7	San Antonio RC W5SC	W4SC	433	6 – 100 watts	55 / 2,888	STX
8 th	Sesquehanna Co. ARC N3SRC	N3SRC	341	6 – 100 watts	13 / 2,420	EPA

FRRL is number 1 in the 8A classification !!





The Pearl in St. Charles, IL Outreach Presentation 11/8

Presented by Patrick Brod

The Pearl – Offers a variety of rehabilitative services and competitive amenities and designed to enhance the comfort, safety, and happiness of every resident.

Total in attendance was 7 to 9 people

Topics presented were:

- ✓ What is Amateur/Ham Radio?
- ✓ What does Ham Radio Involve?
- ✓ Various activities and services proved by ham radio?
- ✓ What is needed and how do you get involved in ham radio?
- ✓ Examples of radio dialog between two ham radio operators
- ✓ Demonstration of a QSO using the FRRL Repeater



THE PEARL
of St. Charles

The people and staff were very appreciative of learning more about ham radio

ARRL Introduces New LIVE Online Course for Ham Radio Licensing

11/07/2025

ARRL The National Association for Amateur Radio® has introduced a new, fully-interactive two-day online course for ham radio licensing. The ARRL Technician Class LIVE Video Course includes everything needed to prepare for the FCC Technician Class amateur radio license exam. Enrollment is open now for the inaugural course, which will take place December 20 - 21, 2025.

Join ARRL Education Specialist Wayne Greene, KB4DSF, for this interactive online class. “We’re going to have fun!” said Greene. “I’ll guide you through operating your first ham radio to how to communicate through amateur radio satellites. We are going to get fully immersed in every question and answer with the info you need to pass the test!”

In addition to live instruction, course participants will receive the popular Technician Class prep book authored by ARRL National Instructor Gordon West, WB6NOA, which has helped thousands of new hams get licensed with fast results. One-year of ARRL Membership is also included, ensuring these new hams will have quick access to all ARRL benefits, services, and programs.

Course Includes:

Two days of LIVE instruction with expert ARRL Education Specialist Wayne Greene, KB4DSF

Technician Class prep book by Gordon West, WB6NOA

One-year of ARRL Membership

Click [HERE](#) for more onformation



ARRL Members Enter to Win an Icom Dream Station

11/07/2025

The countdown is on! Full members of ARRL The National Association for Amateur Radio® have until December 31, 2025, to earn up to six automatic entries for a chance to win the Icom Dream Station -- a complete ham radio station featuring a limited-edition IC-7760 HF/50 MHz transceiver, IC-PW2 amplifier, desktop microphone, and a special Icom 60th Anniversary Seiko watch -- all generously donated by Icom America.

How to Earn Entries

Members automatically earn ARRL Sweepstakes entries* when they...

- Join or Renew -- earn 1 entry,
- Set Up Auto-Renewal -- earn 2 entries (see Auto-Renewal instructions PDF),
- Donate to the ARRL Diamond Club -- earn 1 entry for every \$50 donated.

* There is a limit of 6 sweepstakes entries per person.

Donate to Diamond Club

ARRL Director of Development Kevin Beal, K8EAL, shared that many members -- including long-time Life Members -- have joined the ARRL Diamond Club this year, earning entries while supporting amateur radio beyond membership dues.

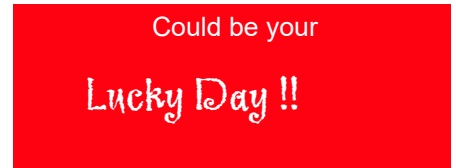
"Diamond Club donors are fueling the future of amateur radio while unlocking a shot at winning a state-of-the-art Icom Dream Station valued at over \$17,000," said Beal. "These donations provide vital funds that ensure ARRL will continue to protect and promote amateur radio -- including advocacy, education, technical resources, and public service. These funds also fuel our work to develop the next generation of active hams, including free student membership for youth, and programs that recruit new hams of all ages. Every gift is an investment in the hobby we love."

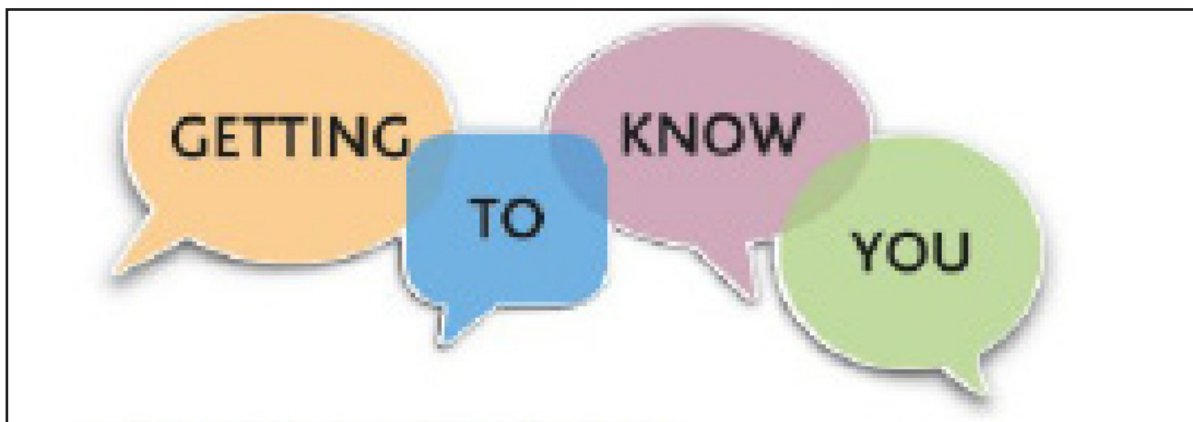
As a federally-designated 501(c)(3) nonprofit organization, contributions to ARRL may be tax-deductible. Diamond Club gifts come in any amount, with several giving levels designed for flexibility and recognition. Donations to the Diamond Terrace also qualify, establishing a lasting honor for a special radio amateur.

"The Diamond Club is an opportunity to amplify amateur radio's voice through ARRL -- and this year, to potentially upgrade your shack with a winning sweepstakes entry!" said Beal. Donate to Diamond Club at www.arrl.org/DiamondClub or telephone 860-594-0291 during business hours. Or reach the ARRL Development Office at development@arrl.org.

Learn more about the 2025 ARRL Sweepstakes and view the Official Rules at www.arrl.org/DreamStation. (No purchase necessary.)

Rules also found at <https://www.arrl.org/arrl-sweepstakes#rules>





1. Your Name: Mike Urso
2. Your Callsign: K9FE
3. Your License Classification: Amateur Extra
4. How long have you been a ham: 55years

5. What interests you most about amateur radio: As a science it includes the electronics and physics that I love. As a hobby it has so many facets that there is a field for everyone. Being an Elmer however is one of the best parts of the hobby. Starting with a new tech, working on their first antenna. Teaching how to build, tune, actually make the first QSO on their station. The smile on their face is priceless. Always willing to help out another ham!

6. What modes do you operate: CW, SSB, Digital (HF has so many digital modes not just FT8/4), FM

7. What is your most memorable QSO: That is a tough one...the most memorable experience is when in 2000 I was driving back from teaching Radio merit badge at a scout camp in Thurmont, MD. I was in the Allegheny Mountains and I heard the FOX repeater (7pm) and worked it. From Pennsylvania to Indiana I stayed in that opening working machines in Illinois and Wisconsin, for over 7 hours. I was also able to work Simplex all over Illinois and Wisconsin. This was on 2m, 5/8 wave mag mount antenna and 45watts!

8. How long have you been a member of the FRRL: 30 years

9. What is one piece of advise you would offer a new ham: If you ever find yourself getting bored with what you are doing in the hobby, just try another part of it or two. Don't give up.

10. What do you do besides ham radio: Design electronic circuits, repair equipment. Repair small engines and do computer tech support for a group of Deaf church friends.

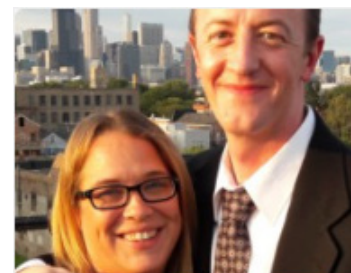


1. Your Name: Jimmy Fiedler
2. Your Callsign: KE9ABX
3. Your License Classification: Tech
4. How long have you been a ham: 1 1/2 years
5. What interests you most about amateur radio: Talking to other people on the radio
6. What modes do you operate: 2m, 70cm, 1.25m, FM & 10m voice

7. What is your most memorable QSO: PY2NA Brazil, first international contact 28.400 USB

8. How long have you been a member of the FRRL: 1.5 years

9. What is one piece of advise you would offer a new ham: keep a open mind, learn from others, & set goals.





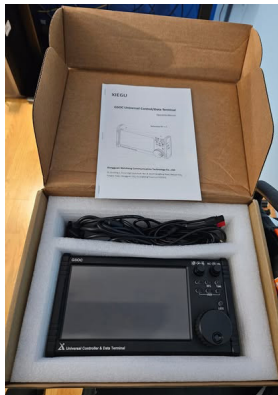
By: Rob Potthoff

Contact email click [HERE](#)



Going to sell off a couple of my Radio stuff.

1. Xeigu GSOC for the G90
 - a. Complete with box and Manuals, all cables and a couple of Stands for it, Used twice, in perfect working order just not what I was looking for.
 - b. Selling it for \$325.00 (Current retail is \$420.00)
2. MFJ 993B Auto Tuner, Got this for my first HF radio (Icom 756Pro II) loved it and it worked every time!, Radio was sold to a new Tech and he did not want the tuner.
 - a. I do not have the box or the paper manuals for the tuner, I do have the Wiring for it.
 - b. Paid a little over \$300 of it so will let it go for \$250



2025 "Dream Rig" Essay Contest for Young Ham Radio Operators

11/07/2025

Six years ago, the Intrepid-DX Group, a international group of amateur radio operators, began their annual youth "Dream Rig" essay contest as a means to reach young people and interest them in amateur radio.

"This year, rather than our past essays, we are seeking well thought-out and clearly communicated project proposals for a public access amateur radio station," said Paul S. Ewing, N6PSE, president of The Intrepid-DX Group.

This year's contest is called "Amateur Radio for the Greater Good." Written proposals may be submitted between November 10 and December 10, 2025, by amateurs age 25 or younger, describing how they would establish a club, contest, community, or emergency communication station in a school, church, fire station, community center, hospital, or other public building. The station must be in the USA and only US-licensed amateurs may submit proposals.

"This is a departure from our conventional essay contest," added Ewing. "We are looking for proposals that would place the station in a secure and common area where it could be enjoyed by other licensed amateurs. Once the winning proposal is selected, the proposal author will have sixty days to secure written permission from the owner or guardian of the facility. The written permission must indicate approval for the station and antenna to be installed. The proposal author may be the trustee of the station."

The equipment provided will include an HF transceiver, VHF/UHF transceiver, 13.8V power supply, two 100' lengths of coax, and antennas.

The awardee of the complete station will be announced on December 15, 2025.

Proposals may be submitted via email to intrepiddxgroup@gmail.com or via USPS to:

The Intrepid-DX Group

3052 Wetmore Dr.

San Jose, CA 95148

For more information about the Intrepid-DX Group, visit its website at <https://intrepid-dx.com>.



Membership rates are as follows:

REG: Regular dues are \$30.00 per year, **FAM:** Family dues are \$40.00 per year (family members at the same address)

SRC: Senior Citizen dues (65 and older) are \$25.00 per year,

STU: Student (Full time, under 22) dues are \$25.00 per year.

MIL: Active Military dues are \$25.00 per year.

You can also help support the FRRL Repeaters by making a \$10.00 (or more!) annual contribution.

[Click Here](#)



MEMBERSHIP RENEWAL *Annual Dues*



FRRL commemorative glasses are still available for \$5..



A very nice glass to have on hand to celebrate
CHRISTMAS !!



Please use this link to enjoy the pictures from the 100th Anniversary Banquet.

100th Anniversary Celebration Banquet Photos - Sept 10, 2024



[Click Here](#)



	Park Number	Park Name	POTA Park #	Activated
1.	225	Silver Springs State Fish & Wildlife Area	US-1024	☐
2.	47	Channahon State Park	US-0987	☐
3.	123	Kankakee River State Park	US-1004	☐
4.	113	Iroquois County State Wildlife Area	US-4132	☐
5.	57	Delabar State Park Des Plaines Fish & Wildlife Area	US-0988	☐
6.	89	Goose Lake Prairie State Natural Area	US-7638	☐
7.	155	Mazonia/Braidwood State Fish & Wildlife Area	US-4142	☐
8.	99	Heldecke Lake State Fish & Wildlife Area	US-12184	☐
9.	83	Gebhard Woods State Park	US-0995	☐
10.	263	William G. Stratton State Park	US-1032	☐
11.	109	Uni State Park	US-0999	☐
12.	235	Starved Rock State Park	US-1027	☐
13.	33	Buffalo Rock State Park & Effigy Mound	US-0982	☐
14.	151	Matthiessen State Park	US-1009	☐
15.	61	Donnelley/Dupue State Park	US-0990	☐
16.	91	Green River State Wildlife Area	US-4126	☐
17.	101	Hennepin Canal Parkway State Park	US-0997	☐
18.	119	Johnson-Sauk Trail State Park	US-1002	☐
19.	153	Martino State Fish & Wildlife Area	US-4141	☐
20.	185	Prophetstown State Recreation Area	US-4100	☐
21.	171	Morrison-Rockwood State Park	US-1013	☐
22.	161	Mississippi Palsades State Park	US-1010	☐
23.	15	Apple River Canyon State Park	US-0978	☐
24.	133	Lake Le-Aqua-Na State Park	US-1005	☐
25.	261	White Pines State Park	US-1031	☐
26.	145	Lowden State Park	US-1008	☐
27.	41	Castle Rock State Park	US-0984	☐
28.	79	Franklin Creek State Natural Area	US-4123	☐
29.	217	Shabbona Lake State Park	US-4103	☐
30.	131	Kishwaukee River State Fish & Wildlife Area	US-10391	☐
31.	115	James "Pate" Philip State Park	US-1001	☐
32.	249	Volo Bog Natural Area	US-4160	☐
33.	167	Moraine Hills State Park	US-1012	☐
34.	45	Chain O'Lakes State Park	US-0986	☐
35.	11	Adeline Jay Geo-Karis Illinois Beach State Park	US-1000	☐
36.	265	William W. Powers State Recreation Area	US-4107	☐

Amateur Radio



Parks On The Air



Page18

List Provided by
Rob Pothoff N9RLP

Note: blue underline text will not go
to website

How To Order Club Badges

Club name tag are done by: Image Awards
1031E State Street
Geneva IL

You can email your order to: ImageAwards@SBCglobal.net

**** If using a credit card there is a 5% surcharge****



Ask for the FRRLname badge
and

Don't forget to give them your name & call sign

Question 1:

Why do exposure limits vary with frequency?

- A. Lower frequency RF fields have more energy than higher frequency fields
- B. Lower frequency RF fields do not penetrate the human body
- C. Higher frequency RF fields are transient in nature
- D. The human body absorbs more RF energy at some frequencies than at others



Question 2:

Which of the following is an acceptable method to determine whether your station complies with FCC RF exposure regulations?

- A. By calculation based on FCC OET Bulletin 65
- B. By calculation based on computer modeling
- C. By measurement of field strength using calibrated equipment
- D. All these choices are correct



Answers On
Last Page



FRRL Groups.io Group Message Board

By Curt Sauer W9YNP

The FRRL has an active mailing list group on Groups.io. Members in good standing are eligible to join the mailing group. You should receive an invite upon joining the group to the email listed in your application. Your active club membership is required to be a member of our Groups.io group.

The group provides the following features:

Messages/Mailing List

View the calendar

Access to files including the club Bylaws and Membership Roster

Access to photos submitted by members. Great for sharing projects you're working on!

How do I join?

When your FRRL club membership is confirmed you will receive an email invite from Groups.io. The club membership form requests an email to be used by the club or members to contact you for club or ham radio related subject. If you already have a Groups.io account under a different email and wish to combine them there is a second field for that email. If it is filled in, you will get the invite in that email.

When you join, you can choose a profile you'd like to display to the group, select the email address at which you'd like to receive group messages, choose how you receive group messages, and more. You can receive messages via email or by reading the message boards within the group.

If you have questions or changes please contact the Group Administrator: [GroupAdmin \[at\] frrl.org](mailto:GroupAdmin[at]frrl.org).

[GOUPS.IO - It's more than just messages.](#)

When you first login to your groups.io account, at <https://groups.io>, you will be presented with a list of the groups that you belong to.

Click on FRRL|Members

You will now see the groups messages in the right window pane and the navigation pane on the left.

Messages are the bulk of what we share and there are a lot of them. The web page has a very useful search function to find exactly what you want.

The following are a few sections that some members may not be aware of.

Photos:

Members may share photos of Ham related activities here.

Show us a picture of your shack or your latest restoration/repair.

As long as it's Ham Radio related you can put a pic here.

Just click on the "New Album" button to add your photos.

Calendar:

This doesn't have much in it at the moment, just meeting and Net reminders, but more is planned.

Files:

This is where the important things are stored.

Example, the club roster is located in a directory called "Roster_and_ByLaws"

If you can't sleep and want to read the club's ByLaws, they are here as well.

Many of the presentations given after the meetings are also here.

Between GROUPS.IO and the club web page at <https://frrl.org> you are sure to find the FRRL information that you are looking for.





W9CEQ

Radio Nets



Join us every Sunday Evening at 7:00pm for the
FRRL ALL OPERATORS Net.
147.210 103.5pl +600
All New or Experienced Ham Radio All Are Welcome
For Information email: INFO@FRRL.org

Monday

1930 hrs (7:30pm) local time 28.420 USB Phone
2000 hrs (8pm) local time 28.150 CW
2030 hrs (8:30 pm) local time 28.720 USB Phone
All New or Experienced Ham Radio All Are Welcome



**The City of Lights
Chapter of Ten-Ten
International**



Join us Tuesday Evenings

(Except for the 2nd Tuesday of the month)

1930 (7:30 pm) local time
147.21 103.5PL +600

All new, or experienced operators are welcome



Join us on Wednesdays for the FRRL 1.25 meter net

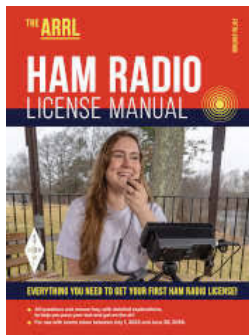
1930 hrs (7:30pm) local time
223.860 110.9kHz PL -1.6Mhz

All new and experienced ham operators are welcome.



We will have an informal net with checkins and a question of the day. The goal of the net is to encourage 220 usage along with getting to know your fellow 220 Mhz users so that we can exchange usage and coverage data to ensure that we have one of the best 220 repeaters in the area.





Technician Class

Wednesday Evenings
6:30 P.M. to 9:30 P.M.

Start: 9/20/2025
End: 12/3/2025

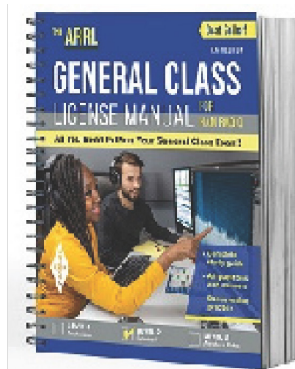
Tech & General classes are done on **Zoom**. The Meeting Link to be distributed prior to the class.

EXTRA classes are held in person at:



MESSENGER
PUBLIC LIBRARY OF NORTH AURORA

113 Oak St, North Aurora, IL 60542



General Class

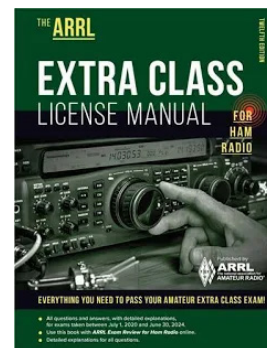
Wednesday Evenings
6:30 P.M. to 9:30 P.M.

Start: TBD
End:

Extra Class

Saturday Mornings
9:00.AM. to 12:30 P.M.

Start:
TBD End:



The Fox River Radio League (FRRL) presents regular training classes focused toward new Amateurs interested in gaining their Technician class license or upgrading to the General and Extra class licenses.

These are free courses where you will learn everything you need to receive or upgrade to the appropriate FCC radio license.

The textbook for the class will be the official ARRL License Manual. Books are available for purchase through the ARRL website.

Classes are instructor-led, and you can expect engaging conversations to ensue around the topics of discussion.

In addition to our regularly scheduled bi-monthly testing we will be scheduling a dedicated VE session after discussing best availability with the class participants. For more information on VE sessions, please see [VE Test Sessions](#).



Please Note that Tech & General classes are 9 weeks long..

Extra classes are 12 weeks long.

You can contact Dan Nolan at:

Education@frrl.org if you have any questions

Students should read the material in advance of the class. Also bring an inexpensive calculator like a TI-30 x and a notebook and pencil or pen.



VE Testing

The FRRL, in conjunction with the ARRL VEC, sponsors regular amateur examinations the third Thursday of every odd month. Ad-hoc sessions are planned during major events and will be added to the schedule here as well.

Upcoming Testing Schedule for **2026**

January 15
March 19
May 21
July 16
September 17
November 19



Testing Location:
Geneva Lutheran Church
301 S 3rd St,
Geneva, IL 60134

Please also be sure to bring:

- Photo identification
- Your FCC generated FCC Registration Number (FRN).
- The fee of \$15.00. (The FRRL receives no portion of this fee.)
- If upgrading bring your original FCC HAM Radio License (or the documentation you received) and a photocopy of your license.

If you have questions about the testing program, please email the Chairman at: ve@frrl.org

Illinois Traffic Net



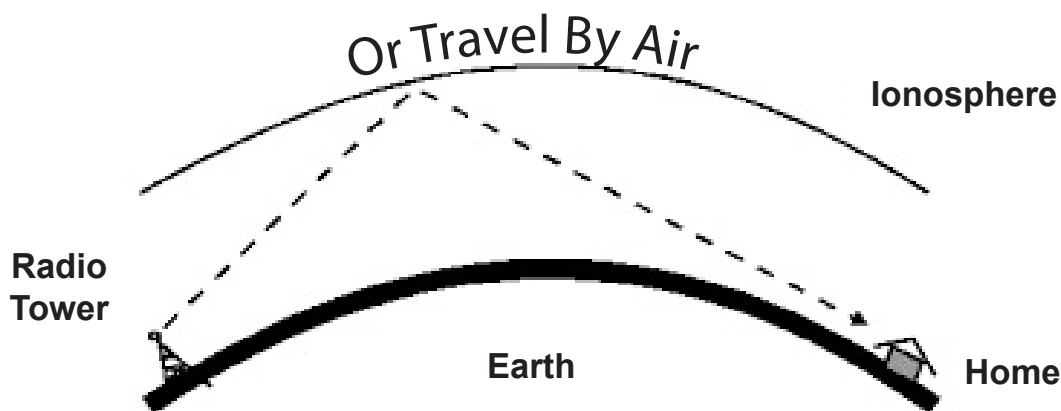
You can also participate in one (or all) of the Illinois Traffic Nets. Everyone is welcome with or without traffic. The nets are the North Central Phone Net, Daily (M-F) at 7 a.m. local time, on 3912 kHz LSB; the Illinois Phone Net, Monday – Friday at 4:45 p.m. local time, on 3857 kHz LSB and on Sunday at 8 a.m. on 3940 kHz; and the Illinois Sideband Net, Daily at 6 p.m. local time, on 3905 kHz LSB.

... / ... / ... / ... / ...





Date	Time	Event	Location	Sponsor	Cost	Talk-In	Notes
DEC 6, 2025	8am-11am	Antique Radio Club Swap Meet	570 S. Gary Ave, Carol Stream, IL	Antique Radio Club of Illinois	Free	None	Donation sale - occurs five times per year
December 6th, 2025,	9:00 am – 1:00 pm	Fulton County Winter Hamfest	American Legion Post 373, located at the corner of OH-109 and County Rd F.	Fulton County Amateur Radio Club	\$5	147.195+	VE Testing session will be at 10:00 am,
DECEMBER 7, 2025	8 AM – Noon	AMATEUR RADIO/ COMPUTER SWAP	1451 E. Big Beaver Road Troy, MI 48083	L'ANSE CREUSE AMATEUR RADIO CLUB	\$10.00	147.08+ 100hz	VE Testing: Doors open at 8:30 AM



Amateur Radio Checklist Compliance with FCC Part 97 While

Volunteering at Public Service Events

PUBLIC SERVICE EVENTS

Across the United States, amateur radio operators provide vital communications assistance at community events including festivals, parades, marathons, bike races, fairs, and more. It's simple, fun, and a great opportunity to people watch, make new friends, and be outside! These volunteers focus on community safety while using these opportunities to practice and prepare their emergency communication skills.

RESEARCH

In developing this checklist, input was received from several sources including Josh Johnston (KE5MVH) Director of Emergency Management at the ARRL and amateur radio Midwest leaders for SATERN, public service radio groups, and clubs.

STAYING COMPLIANT

FCC Part 97 within title 47 of the Code of Federal Regulations provides the rules and regulations that govern permissible use of amateur radio in the United States. Section 97.113 governs prohibited transmissions and confirms that transmissions may not be "for hire or for material compensation, direct or indirect, paid or promised... (or situation where there is) a pecuniary interest, including communications on behalf of an employer." Like most laws, there are exceptions but they generally don't apply to public service events.

THE CHECKLIST

Per the Regs, the ARRL, and guidance from others, this appears to be the proper checklist of considerations when preparing to host or participate in a volunteer amateur radio group for a public service event. Per the ARRL, this list could just as well apply to operators volunteering in emergency communications capacities.

- Possess a valid amateur radio license
- Do not become hired or employed by the event's organizer, benefactor or any related party.
- Do not accept or receive any material compensation in relation to the event. Volunteers must be unpaid though it is appropriate to accept offers of food, beverages, and event clothing or similar tokens of appreciation, as well as reimbursement for event-related expenses such as mileage incurred while volunteering through the use of a personal vehicle.
- Volunteering should benefit 1) the safety, health & welfare of the community, and 2) afford the opportunity to practice and grow amateur radio and emergency communication skills.

Per the ARRL, an event organizer being supported by an amateur radio team may be not-for-profit (municipality, foundation, etc.) or for-profit such as with major marathons or municipalities who hire an event organizer. The ARRL's advice is "don't over think it" and focus on ensuring that amateur radio operators 1) do not receive money or employment for their volunteer services, and 2) do not work directly for the financial benefit and profit of any organization. For the latter, the ARRL gave two examples to illustrate:

1. Volunteering as dispatch for a taxi service is prohibited.
2. Volunteering at an event which is solely for the benefit of a for-profit company is prohibited (e.g. an event that serves only to sell Coke Cola). In contrast, an event sponsored or organized by Coke Cola to engage the community in a 10K race would be acceptable if the focus and outcome of the amateur radio volunteer activities is the health and safety of participants and the public.

Said in the affirmative, it is acceptable to provide volunteer amateur radio services at an event as long as no employment or compensation occurs and the primary focus and outcome of the volunteer duties is public health & safety (e.g. monitoring and providing communications or contingencies for medical emergencies, course safety, weather emergencies, or other public dangers).



www.AmateurRadioEvents.com

The Radio Amateur's Code

The Radio Amateur is...

CONSIDERATE... He never knowingly operates in such a way as to lessen the pleasure of others.

LOYAL... He offers loyalty, encouragement and support to other amateurs, local clubs, the IARU Radio Society in his country through which Amateur Radio in his country is represented nationally and internationally.

PROGRESSIVE... He keeps his station up to date. It is well build and efficient. His operating practice is above reproach.

FRIENDLY... He operates slowly and patiently when requested; offers friendly advice and counsel to the beginner; kind assistance, cooperation and consideration for the interests of others. These are the marks of the amateur spirit.

BALANCED... Radio is a hobby, never interfering with duties owed to family, job, school or community.

PATRIOTIC... His station and skills are always ready for service to country and community

...adapted from the original Amateur's Code, Written by Paul M Segal, W9EEA, in 1928

John Devoldere 0N4UN and Mark Demeuleneere 0N4WW

Taken from: [Ethics and Operating Procedures for the Radio Amateur.](#)

Bring back "RADIO IN THE PARK"

Harry Jones K9DXA" started "Radio in the Park" years ago. His idea was take your radio out to a local park and set it up and operate. Since we can't have any thing big, just take your rig, wear your mask, set up an antenna, radio and have fun.

The idea of this is bring ham radio to the public. Make a small sign with your name, call sign, and please add FRRL also. Would like some photo of your operation. May get someone to take a picture of you operating. Will try to get your picture into the news letter. Please send a short report to me at my FRRL address.

Director3@frrl.org



There are plenty of volunteer organizations that could use your radio skills.



**Consider volunteering
you can make the
difference !!**



American Red Cross



The Amateur Radio Emergency Service® (ARES) consists of licensed amateurs who have voluntarily registered their qualifications and equipment, with their local ARES leadership, for communications duty in the public service when disaster strikes. Every licensed amateur, regardless of membership in ARRL or any other local or national organization is eligible to apply for membership in ARES. Training may be required or desired to participate fully in ARES. Please inquire at the local level for specific information. Because ARES is an amateur radio program, only licensed radio amateurs are eligible for membership. The possession of emergency-powered equipment is desirable, but is not a requirement for membership.

ARES

Every licensed amateur, regardless of membership in ARRL or any other local or national organization is eligible to apply for membership in ARES.

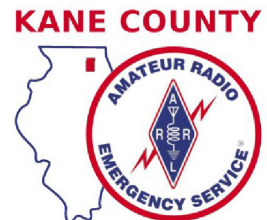
ARES Resources

[Download the ARES Manual \[PDF\]](#)

- [ARES Field Resources Manual \[PDF\]](#)

[ARES Standardized Training Plan Task Book \[Fillable PDF\]](#)

- **Emergency Communications Training**



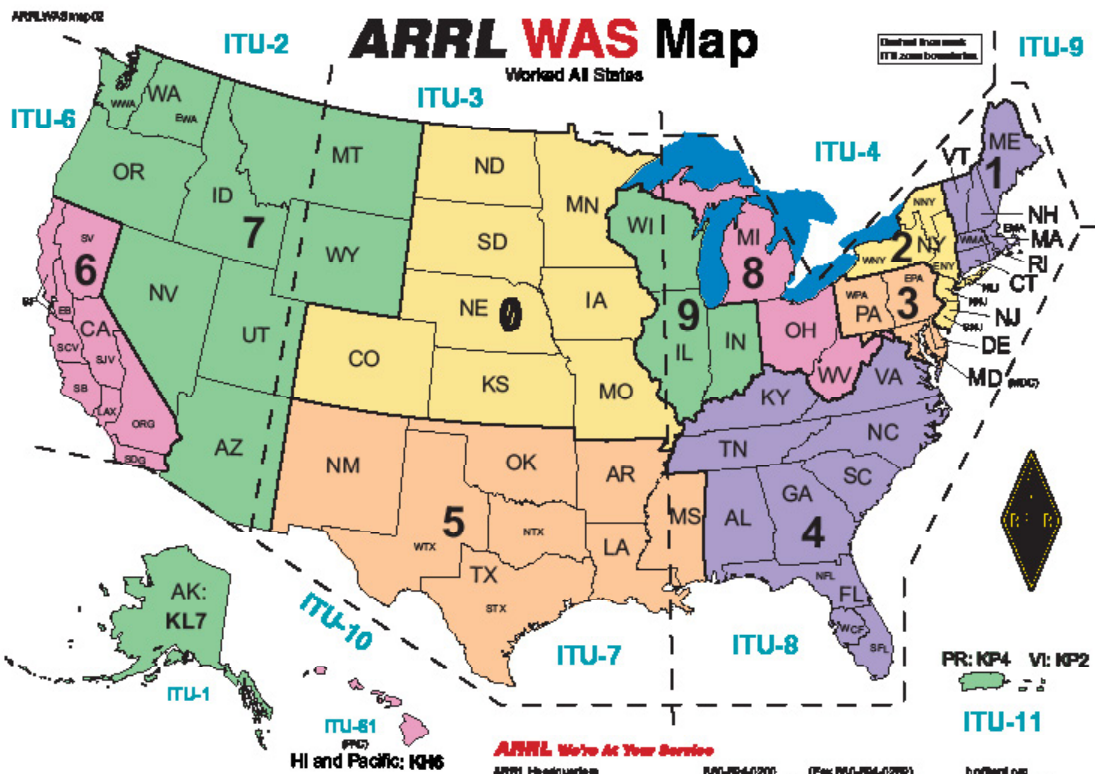
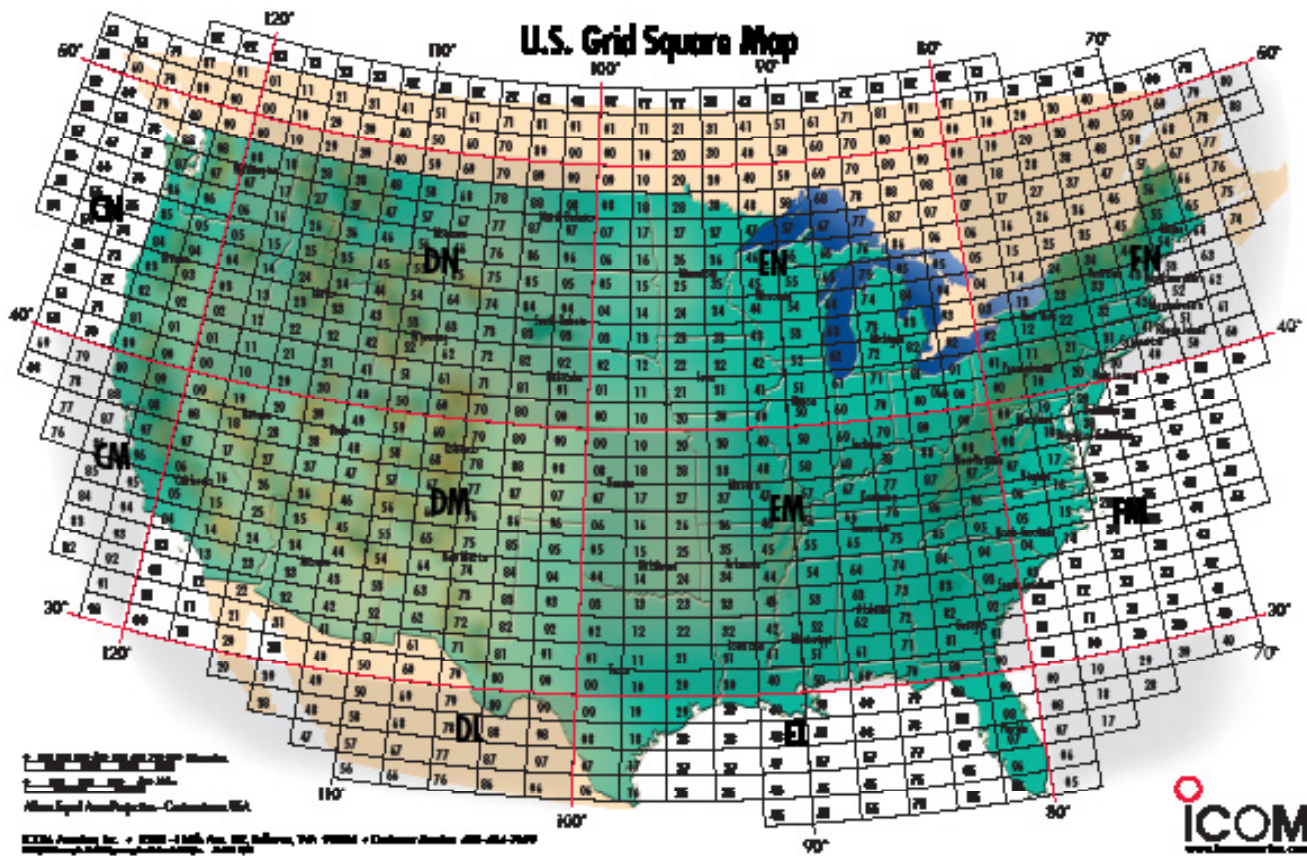
ARES

Kane County ARES

Information

Click Here





ARRL The national association for
AMATEUR RADIO
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ARRL We're At Your Service
 ARRL Headquarters
 Publication Order:
 Membership/Circulation Desk:
 Getting Started in Amateur Radio:
 Books
 ARRL on the World Wide Web

800-854-0200 (Fax 860-894-0200)
 Toll-Free 1-888-277-6889 (800-854-0200)
 Toll-Free 1-888-277-6889 (800-854-0200)
 Toll-Free 1-800-826-3942 (800-854-0200)
 860-894-0300
 www.arrl.org/

hq@arrl.org
 online@arrl.org
 membership@arrl.org
 newham@arrl.org
 vec@arrl.org



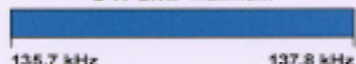
US Amateur Radio Bands

Operator license classes: E = Amateur Extra A = Advanced G = General T = Technician N = Novice
CW operation is permitted throughout all amateur bands. Except as noted, all frequencies are in megahertz (MHz).

■ = RTTY, data, phone, image ■ = USB phone, RTTY, data and CW ■ = RTTY and data ■ = phone and image
■ = SSB phone ■ = CW only

LF – Low Frequency band

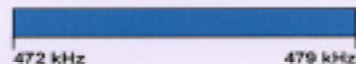
2200 Meters (135 kHz) E,A,G
1 W EIRP maximum



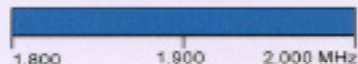
Amateurs wishing to operate on 2200 or 630 meters must first register with the Utilities Technology Council online at <https://utc.org/plc-database-amateur-notification-process/>. You need only register once for each band.

MF – Medium Frequency bands

630 Meters (472 kHz) E,A,G
5 W EIRP max, except in Alaska within 496 miles of Russia where the limit is 1 W EIRP

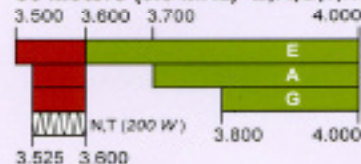


160 Meters (1.8 MHz) E,A,G

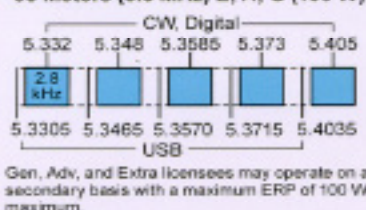


HF – High Frequency bands

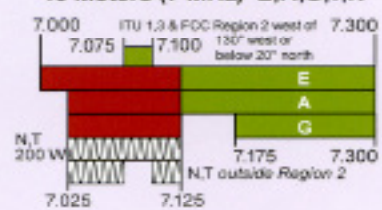
80 Meters (3.5 MHz) E,A,G,T,N



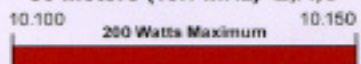
60 Meters (5.3 MHz) E, A, G (100 W)



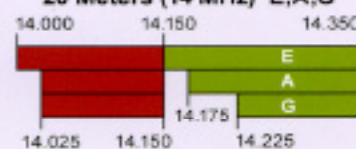
40 Meters (7 MHz) E,A,G,T,N



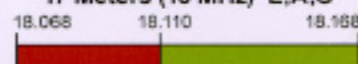
30 Meters (10.1 MHz) E,A,G



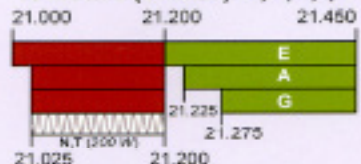
20 Meters (14 MHz) E,A,G



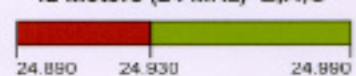
17 Meters (18 MHz) E,A,G



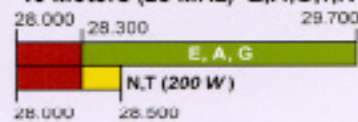
15 Meters (21 MHz) E,A,G,T,N



12 Meters (24 MHz) E,A,G

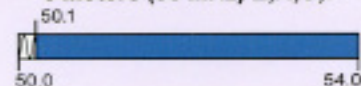


10 Meters (28 MHz) E,A,G,T,N

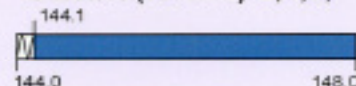


VHF – Very High Frequency bands

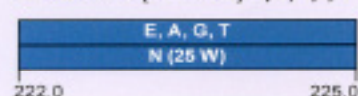
6 Meters (50 MHz) E,A,G,T



2 Meters (144 MHz) E,A,G,T

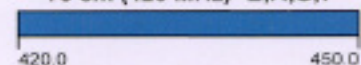


1.25 Meters (222 MHz) E,A,G,T,N

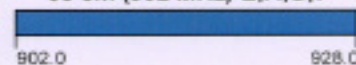


UHF – Ultra High Frequency bands

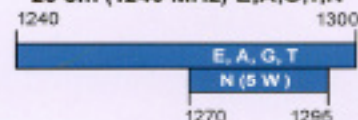
70 cm (420 MHz) E,A,G,T



33 cm (902 MHz) E,A,G,T



23 cm (1240 MHz) E,A,G,T,N



SHF&EHF – Super and Extremely High Frequency bands

All licensees except Novices are authorized all modes on the following frequencies:

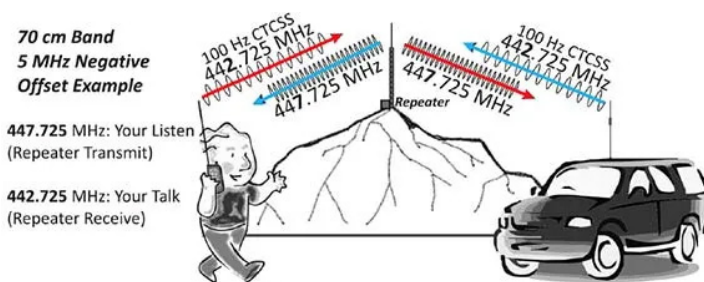
2300-2310 MHz 3300-3500 MHz 10.0-10.5 GHz 47.0-47.2 GHz 122.25-123.0 GHz 241-250 GHz
2390-2450 MHz 5650-5925 MHz 24.0-24.25 GHz 76.0-81.0 GHz 134-141 GHz All above 275 GHz

See www.arrrl.org/band-plan for detailed band plans.

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OTAbands rev. 1-22-20



FRRL



And Other
Local Repeaters

FRRL Repeaters- W9CEQ

147.225 MHz - Plano

Mode: **Auto C4FM / Fusion, FM, Wires X**
+600 KHz Offset, 100.0 Access Tone

147.21 MHz - Elburn

Mode: FM (Echolink Available)W
+600 KHz Offset, 103.5 Access Tone

444.300 MHz - Elburn

Mode: FM
+5 MHz Offset, 114.8 Access Tone

223.86 Mhz - Aurora

Mode FM
-1.6 Mhz Offset, 110.9 access Tone

442.10625 MHz (B) - Elburn

Mode: D-Star
+5 MHz Offset



Other Area Repeaters

W9XA

53.910 - Batavia

-1.0 MHz offset PL 114.8 Hz

224.4 MHz - Batavia

-1.6 MHz offset PL 103.5 Hz

443.64375 MHz - Elburn

+5 MHz offset DMR 311759

443.65625 MHz - Plano

+5 MHz offset DMR 311760

1292.00 MHz - Batavia

-20 MHz 114.8 Access Tone

927.625 - Batavia

+25 MHz offset PL 114.8 Hz

W9DWP

145.270 MHz - Elburn

-600 KHz offset PL 107.2
ARES APCO P25 NAC 293

NIARC W9ZGP

147.06 MHz - Batavia

Mode FM +600 kHz offset PL 103.5.

Auto C4FM / Fusion, FM, Wires X Repeaters

K9IIK/R

442.275 MHz - Schaumburg

Mode: **Auto C4FM / Fusion, FM, Wires X**
+5 MHz, 114.8 Access Tone

W9CHI

444.600 MHz - Channahon

Mode: **Auto C4FM / Fusion, FM, Wires X 30024**
+5 MHz, 136.5 Access Tone

KD9FA

443.600 MHz - Oswego

Mode: **Auto C4FM / Fusion, FM, Wires X**
+5 MHz, 107.2 Access Tone

KC9OEM

Primary Kane County SKYWARN / ARES

145.470 MHz -St Charles

Mode: FM
-600 Offset, 103.5 KHz Access Tone



444.525 MHz -St Charles

Mode: **Auto C4FM / Fusion, FM, Wires X**
+5 MHz Offset, Access WWTone114.8



ANSWERS
Q1 "D" Q2
"D"