



ARCOVER

MARCH 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 President:
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 President:
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.



Fox River Radio League

Mailing Address:
P. O Box 673
Batavia, IL 60510-0673
Email: info@frrl.org
Website: <http://www.frrl.org>





From
the desk
 of....

FRRL President



Kermit Carlson

The peak of the solar cycle propagation we are experiencing continues to provide excellent conditions for international DX on the upper HF bands. I am constantly amazed at the amount of DX available on 15,17,12 and 10 Meter bands on daily basis. Using modest dipole antennas and low power can prove to be quite productive.

This month's Meeting Program will be presented by John Greusel, KC9OJV, about the "DX-FT8" QRP HF transceiver. Despite the small size and similarly small investment of the "DX-FT8" the capabilities of the radios is large. Harry Jones, K9DXA will help demonstrate the operation of this 7-Band self-contained home-brew kit QRP transceiver.

If you have avoided trying HF because of a kilo-buck investment, the March meeting program will change your mind ! The DX-FT8 is a fully functional transceiver for the FT8 mode which can operate off 5 or 12 volts, operate on 7 HF bands, includes an integral LCD TouchScreen and does not require a PC for operation - all for under \$125.

With any luck at all the harsh winds of the recent sub-zero weather are finally giving-way to the more agreeable days of spring. A sure sign that days of winter are mostly behind us is the time change on Sunday, March 9th. Another sure sign is the tour to the new FRRL Field Day site ! Details will be announced at our next FRRL Membership Meeting on March 11th.

See you there !

GUD DX es 73,

Kermit W9XA

**President Carlson Welcomes Our
 New Members !!**

NAME	CALL	LICENSE
Garett Murphy	N9HXR	General
Roy Kellerman	KE9CKX	Technician





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FOX RIVER RADIO LEAGUE MEMBERSHIP MEETING MINUTES FEBRUARY 11, 2025

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

Meeting Minutes February 11, 2025

The February 11, 2025 meeting of the Fox River Radio League was conducted at Bethany Lutheran Church in Batavia, IL. There were 46 members in attendance and 7 members attended via Zoom.

The meeting was called to order at 7:36 CST by President Kermit Carlson, W9XA.

Board members present:

President- Kermit Carlson K9XA
Treasurer, Dan Harmon WA9YKK
Secretary, Art Shuter NN9I
Director, Will Sperling W9WSS
Director, Paul Mitchell KC9SEB a
Director, John Greusel KC9OJV
Director, Pat Brod K9ANL absent
Past president, Terry W9AUV

Minutes: Motion to approve the January meeting minutes was moved by Dean KC9EOQ with 2nd by Garret N9HXR. Motion passed.

Treasurer's Report: Dan WA9YKK reported the bank account balances as of February 11, 2025

Reports:

Membership/ Database: Curt W9YNP advised we currently have 134 members.

Club Activities Paul KC9SEB: Tonight: Kermit W9XA will do a presentation on Emergency Communication organizations, At the March meeting John KC9OJV will do a program on a pocket FT8 Device.

Education: Dan WA9FRY: We have completed the 3rd General Class.

VE Update Denny W9HI – Next VE session will be March 20.

Newsletter: Jerry N9JLC: Anyone with articles please let him know.

Repeater: Kermit W9XA reported all repeaters are working well.

Field Day – Patrick K9ANL/Greg WB0OET: New location to be announced.



Old Business:

Surplus Equipment Ad-Hoc Committee: Dan WA9FRY

New Business:

2025 Ham of the Year – President Kermit W9XA presented the “Ham of the Year” award to Eve Schneider W9EVE. Thank you Eve for your contribution to the club this year.

Field Day Co-Chair for this year will be Greg WB0OET

Kermit W9XA is looking for a club member to be the new PIO

New Board Meeting location at Raimondo’s in North Aurora

New Zoom “Technical Director” Jerry Hyman KA9VMD

Upcoming Events

Next FRRL board meeting – March 4

Membership meeting – March 11

VE testing – March 20

Newsletter deadline – February 20

Adjournment:

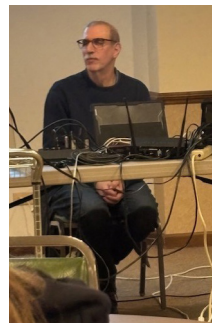
Motion to adjourn moved by Art NN9I, 2nd Bob W9MZ - Meeting adjourned at 8:14 CST.

Respectfully submitted,

Art Shuter NN9I

FRRL Secretary

Meeting Pictures














Evelyn Schneider Accepts Ham Of The Year award From President Carlson



2025

MARCH

FOX RIVER RADIO LEAGUE

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
<div style="border: 2px solid purple; padding: 10px; background-color: #800080; color: white; text-align: center;"> March Program: DX FT8 Tablet Transceiver by - John </div>						1
2 INFORMAL ALL OPR NET 1900	3 CW NET 28.150 2000  SSB NET 28.720 2030	4 Fat Tuesday 1900 FRRL BOD Meeting 1930 FRRL 2m Net	5 1930 FRRL 220 Net 223.86 - 110.9	6	7	8
9  Nat'l Barbie Day	10 CW NET 28.150 2000  SSB NET 28.720 2030	11 1930 FRRL Membership Meeting No Net	12 No 220 Net	13	14 	15
16 INFORMAL ALL OPR NET 1900	17 	18 1930 FRRL 2m Net	19 1930 FRRL 220 Net 223.86 - 110.9	20 VE Testing NEWSLETTER DEADLINE	21	22
23 INFORMAL ALL OPR NET 1900	24 CW NET 28.150 2000  SSB NET 28.720 2030	25 1930 FRRL 2m Net	26 1930 FRRL 220 Net 223.86 - 110.9	27	28	29
30	31	<div style="border: 2px solid purple; padding: 10px; background-color: #800080; color: white; text-align: center;"> MEMBER MEETING BETHANY LUTHERAN CHURCH 8 SOUTH LINCOLN ST. BATAVIA IL </div>				
 WCRA 2m Net 8pm 145.31 -6 107.2	 VARA 2m Net 8pm 146.79 -6 107.2	 FRRL 2m Net 7:30pm 147.21 +6 107.2	 Kane County ARES 2m Net 6:30pm 145.47 -6 103.5	 Northern Illinois ARRL 70cm Net 7:30pm 444.875 50 MHz, 114.8		

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NEWS AND INFORMATION CENTER

Local - National - International



Jere Yanek
1941-2025
KA0KPO

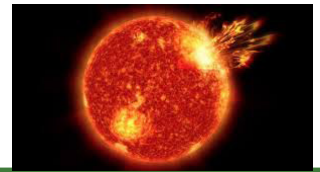


Service was held in February





**May 2025 Membership Meeting Program
Solar Activity & Effects on Earth
Presented By: Michelle Nichols,
Director of Public Observing Adler Planetarium**



In 2025, our Sun is projected to reach its cyclical peak of activity: solar maximum. While one visible effect of this activity is an increased number of sunspots and beautiful atmospheric aurorae, the effects of various solar phenomena can spread out into the Solar System, potentially affecting everything from satellite operations, communications networks, energy transmission, and more. In this presentation suitable for a non-scientist, we will discuss the various types of solar phenomena - sunspots, flares, coronal mass ejections, solar wind - and the effects we can experience both indirectly and directly here on Earth.

Ms. Nichols Bio



Michelle Nichols is Director of Public Observing at the Adler Planetarium in Chicago, IL, and has worked at the Adler since June 1995. She holds a Bachelor of Science degree in Physics and Astronomy from the University of Illinois at Urbana-Champaign and a Master of Education degree in Curriculum and Instruction from National-Louis University. Ms. Nichols leads all of the Adler Planetarium's telescope, observatory, and public sky observing initiatives and events. Michelle has been a popular local speaker for over 25 years, giving hundreds of presentations to more than 130 public libraries, community organizations, and senior living facilities in the Chicago suburbs, Indiana, and Alabama.



 <p>-1h Fall Back</p>	 <p>+1h Spring Forward</p>	<p>Sunday March 9th Spring Ahead</p>
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02/14/2024

Senators Roger Wicker and Richard Blumenthal Introduce S.3690 to Eliminate Private Land Use Restrictions on Amateur Radio

On January 30, 2024, US Senators Roger Wicker (MS) and Richard Blumenthal (CT) introduced S.3690, the Senate companion bill to H.R.4006, introduced last June. Both bills reflect the Congressional campaign efforts by ARRL The National Association for Amateur Radio® to eliminate homeowner association land use restrictions that prohibit, restrict, or impair the ability of an Amateur Radio Operator to install and operate amateur station antennas on residential properties they own.

Amateur Radio Operators repeatedly are relied upon to provide essential communications when disaster strikes, but their ability to do so is being impaired by the exponential growth of residential private land use restrictions that hinder their ability to establish stations in their homes with which to train and provide emergency communications when called upon.

In announcing the introduction of S.3690, Senator Wicker said: “Because communication during natural disasters is often hindered, we should be making every attempt to give folks more options. Reliable access can make the difference between life and death in an emergency. Our legislation removes roadblocks for amateur radio operators looking to help their friends, families, and neighbors.”

In a similar announcement, Senator Blumenthal stated: “Our measure will help clarify the rules so ham radio enthusiasts can successfully continue their communications. In the face of emergency or crisis, they help provide vital, life-saving information that allow listeners to properly and safely respond, but prohibitive home association rules and confusing approval processes for installing antennas have been an unnecessary impediment. The Amateur Radio Emergency Preparedness Act resolves these bottlenecks and ensures that radio operators can function successfully.”

ARRL President Rick Roderick, K5UR, and Director John Robert Stratton, N5AUS, Chair of the ARRL’s Government Affairs Committee, both extended on behalf of ARRL, its Members, and the Amateur Radio community their thanks and appreciation for the leadership of Senator Wicker and Senator Blumenthal in their continuing efforts to support and protect the rights of all Amateur Radio Operators.

HOA legislation is gaining traction, this allows antennas in AN HOA WRITE YOUR REPS TELL THEM TO SUPPORT.

Greg WB0OET



Legislation Will Increase Communication Options During Natural Disasters

WASHINGTON – U.S. Senators Roger Wicker, R-Miss., and Richard Blumenthal, D- Conn., and Representatives August Pfluger, R-Tex., and Joe Courtney, D-Conn. announced their joint re-introduction of legislation in the Senate and House to restore the right to Amateur Radio operators to install the antennas necessary to serve their communities.

Homeowner association rules often prevent Amateur Radio operators from installing antennas at their homes even though Amateur Radio has proven to be essential in emergencies and natural disasters such as hurricanes when other means of communication fail.

“Mississippians should have access to every possible means of warning for natural disasters, including amateur radio operators. In an emergency, those warnings can mean the difference between life and death,” Senator Wicker said. “The Amateur Radio Emergency Preparedness Act would remove unnecessary roadblocks that could help keep communities safe during emergencies like tornadoes, hurricanes, and fires.”

“When disaster strikes, amateur radio operators provide vital, often life-saving information, which shouldn’t be hindered by prohibitive rules or confusing approval processes. The Amateur Radio Emergency Preparedness Act eliminates obstacles for ham radio enthusiasts, allowing them to continue their communications and serve their communities in the face of emergencies,” said Senator Blumenthal.

“Natural disasters and other emergency situations that hinder our regular lines of communication are unfortunately unavoidable, which is why we must bolster our emergency preparedness by removing the barriers amateur radio operators often run into when installing antennas. Amateur radio plays a vital role in public safety by delivering critical information to people at all times. My district is home to dozens of amateur radio operators ready to volunteer in the event of an emergency, and I am proud to lead this legislation,” said Congressman August Pfluger.

“As we know from recent natural disasters, amateur radio operators in Connecticut can be a critical component of disaster response and emergency management. It is in our



Background:

The Amateur Radio Emergency Preparedness Act of 2025 (H.R. 1094 and S. 459) would require homeowner associations to accommodate the needs of FCC-licensed Amateur Radio operators by prohibiting the enforcement of private land use restrictions that ban, prevent, or require the approval of the installation or use of Amateur Radio station antennas. Homeowner associations have often prevented installation and use of such antennas through private land use restrictions. This has hindered voluntary training for emergency situations and blocked access to necessary communications when disaster strikes.

Among other provisions, this legislation would:

Prohibit homeowner association rules that would prevent or ban Amateur Radio antennas;

Specify an approval process for installing Amateur Radio antennas;

Provide a Federal private right of action to Amateur Radio operators in disputed cases.

On behalf of America's Amateur Radio licensees, Rick Roderick, the President of The American Radio Relay League, re-confirmed the ARRL's full support for the passage of the Amateur Radio Emergency Preparedness Act of 2025 and extended his thanks and appreciation to Senators Wicker and Blumenthal and Congressmen Pfluger and Courtney for their unflagging leadership of the bi-partisan effort to support and protect the rights of all Amateur Radio Operators.

The text of the House version can be found at this link: [H.R. 1094](#)

Get Ready for "Ham Radio Open House" on World Amateur Radio Day 2025 01/24/2025

To help promote amateur radio science and technology, and to honor the 100th anniversary of the International Amateur Radio Union (IARU), ARRL is inviting radio clubs and schools to organize a Ham Radio Open House in April, built around World Amateur Radio Day (WARD) on **April 18**.

The event is intended to highlight the Amateur Radio Service for its development and practice of the latest radio communications and technology, and as a hands-on pathway into science, technology, engineering, and mathematics (STEM) fields for the next generation.

The focus will be on scientific advancement and demonstrating cutting-edge technology. This is a chance to not only shape the conversation about modern ham radio but also to show how it serves as a steppingstone and testbed for many young people pursuing STEM education and future high-tech careers.

taken in part from ARRL

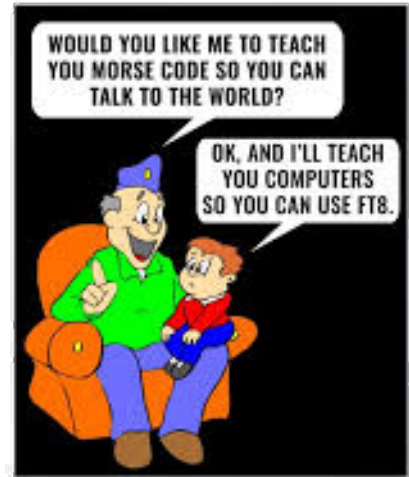


What do you call an apology written in dashes and dots

This month's riddle

?

Remorse code



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



A very nice glass to have on hand for St Patty's Day !!



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

100th Anniversary Celebration Banquet Photos - Sept 10, 2024



[Click Here](#)





SILENT AUCTION

- The FRRL will be holding silent auctions for various pieces of radio equipment.
- The auctions will take place at the regular club meetings from November through April.
- Equipment will be available at the meeting for visual inspection.
- The FRRL has no idea as to the condition of the equipment. All equipment is auctioned "AS IS where IS"
- Payment is by cash or check due upon acceptance of your winning bid.
- The equipment to be auctioned and the auction dates are listed below

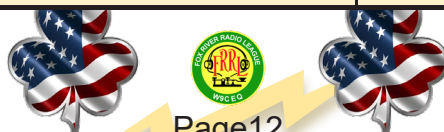
Attached is an update of what's going to be auctioned starting with the February club meeting. There are a few new items including a Yaesu FL 2100 B linear amplifier. One was recently listed for sale on QRZ for \$675.

As a note, we auctioned off a Drake R4C receiver for \$75. One just listed on QRZ for \$300 "as is"

Attached is what should be the final equipment listing with auction dates.

73's Dan WA9FRY

FRRL Silent Auction				
Qty	Manufacturer	Model	Type	Date
1	ICOM	IC 91 A	H/T	3/11/2025
1	Hammurland	HQ-110	Receiver	
1	Realistic	DX-150A	Receiver	
1	Hammurland	HQ-129X	Receiver	
1	Hammurland	HQ-140X	Receiver	
1	Collins	75-S-1	Receiver	4/8/2025
1	Collins	?	Receiver	
1	Yaesu	FT 1000MP Mark V	Transceiver	
1	Yaesu	FL 2100B	Linear	
1	Kenwood	TS 830 S	Transceiver	5/13/2025
1	Kenwood	TS 530 SP	Transceiver	
2	Yaesu	FT-101-EE	Transceiver	
1	Yaesu	FT-101	Transceiver	
2	Swan	CGYNET 260	Transceiver	
1	WRL	Globe Chief 90A	Transmitter	2/11/2025
2	WRL	Globe QZ-ZC-1 VFO	VFO	
1	Hallicrafters	HT-40	Transmitter	
1	Knight	T-150A	Transmitter	
1	Heathkit	DX-40	Transmitter	
1	Yaesu	FL-101	Transmitter	
1	Yaesu	FL-101	Transmitter	
2	Knight	T-60	Transmitter	



On February 11, 2025 at the Fox River Radio League (FRRL) monthly meeting had a program on Emergency Communications (EmComm) presented by FRRL President Kermit Carlson.



President Carlson started the presentation on how amateur radio EmComm started with the flooding of Dayton Ohio in 1913.

From there he gave informative information on AuxComm, ARES and RACES.

First reported use of Amateur Radio in a Disaster Emergency



1913 Great Dayton Flood



AUXCOMM

Auxillary Communications was created in conjunction with the states a national certification for individuals called Auxillary Communicators (AUXC) who support the public safety community.

They have been given a path where individuals can study, test for, and earn certification under the US government's Cybersecurity & infrastructure Security.



1935 Amateur Radio Emergency Service

Amateur Radio Emergency Service (ARES) was established by the American Radio Relay League. Licensed amateur radio operators belong to the ARES, having registered their equipment and qualifications to be readu to assist the public in the event or a disaster.



1952 Founding of RACES

The Radio Amateur Civil Emergency Service was established in 1952, serving as a civil defense radio service that activates in emergencies.

Attending this meeting was Kane County ARES Coordinator Terrance Pogge and Kane County Emergency Management Lt. AJ Kerley who both gave short talks about their respective areas of communications.



BASIC ELECTRICAL EXAM

1. What color is the green grounding screw? _____
2. When hooking up a 200v heater, you must use 220v wire?
___ TRUE ___ FALSE
3. Electricity will leak out of pipes if they are not connected with rain tight fittings? ___ TRUE ___ FALSE
4. To trip a breaker, you must stick out your foot as it walks by. ___ TRUE ___ FALSE
5. When dealing with conduit the O.D. must be larger than the I.D. or the hole will be on the outside. ___ TRUE ___ FALSE
6. A keyless fixture cannot be unlocked ___ TRUE ___ FALSE
7. A breaker reads "20" on the handle. This means that it can only be tripped 20 times before it wears out. ___ TRUE ___ FALSE
8. If you plug a 110v appliance into a 120v line, 10 extra volts will leak out and make a mess. ___ TRUE ___ FALSE
9. The gauge # of a wire tells you how many outlets you can plug into it. ___ TRUE ___ FALSE
10. When pulling 4/0 wire thru a 1/2" PVC conduit, the "PVC" stands for "Pipe Very Crowded" ___ TRUE ___ FALSE
11. An OHM is a Hindu measurement of voltage ___ TRUE ___ FALSE
12. A Flush Mounted device may only be hooked up to a toilet.
___ TRUE ___ FALSE
13. High voltage wire is only used in the upper stories of a building and low voltage wires is only used in the lower floors and basement. ___ TRUE ___ FALSE
14. If you have a molded case breaker, the mold can be removed with soap and warm water. ___ TRUE ___ FALSE
15. Electrical Inspectors are also known as _____



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:

Where should a lightning arrester be installed in a coaxial feed line?

- A. At the output connector of a transceiver
- B. At the antenna feed point
- C. At the ac power service panel
- D. On a grounded panel near where feed lines enter the building

SAFETY
STARTS WITH YOU!



Question 2:

Where should a fuse or circuit breaker be installed in a 120V AC power circuit?

- A. In series with the hot conductor only
- B. In series with the hot and neutral conductors
- C. In parallel with the hot conductor only
- D. In parallel with the hot and neutral conductors

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.

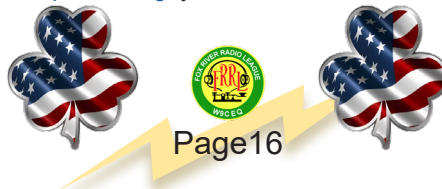
Example, the club roster is located in a directory called "Roster_and_ByLaws"

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.





If You Have Anything
For Sale
To Trade
Looking For/Or
To Loan
Advertise Here

To advertise email: NEWSLETTER@FRRL.ORG

**FOR
SALE**

BY
OWNER

Golden Rules
of Borrowing

- Return** it Quickly
- Return** it in Great Condition
- Break it** - Replace it
- Return** the Favor

Hi All,

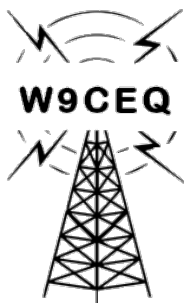
Just a friendly reminder that the FRRL conducts regular nets on 10 meters on Monday nights local time.

7:30pm (00:30 UTC) - 28420 kHz. A net for new Hams (especially Technicians) to encourage anyone with a license to get on the air using a shortwave frequency. Many new Amateur Radio Operators find it easy to build a 10 meter antenna when they buy their first HF transceiver. Anyone with a valid FCC Amateur Radio license can join in the conversation where we can talk about anything from pets, cars, activities, antennas, radios, etc. Here is an example of a 28420 net QSO (see MP3 audio Attachment).

8:00pm (01:00 UTC) - 28150 kHz, CW 10-10 net.

8:30pm (01:30 UTC) - 28720 kHz Phone (SSB) 10-10 net. 10-10 nets are sponsored by members of the Ten-Ten International Net organization. Its purpose is "to promote activity and good operating practice on the ten meter amateur band." You do not have to be a Ten-Ten member to participate. www.ten-ten.org/what-is-ten-ten

Tom Lebryk
KD9NPR





W9CEQ Radio Nets



Sunday
All Operators Net
1900 hrs (7pm) local time
147.21 103.5PL +600

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

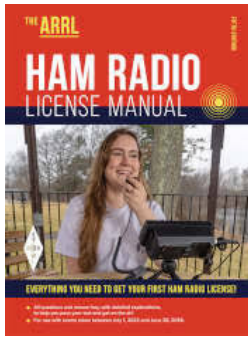


Tuesday
1930 (7:30 pm) local time
147.21 103.5PL +600
Except for the 2nd Tuesday of the month



Wednesday
1900 hrs (7:00pm) local time
223.860 110.9kHz PL -1.6Mhz
Except for the 2nd Wednesday of the month.

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.

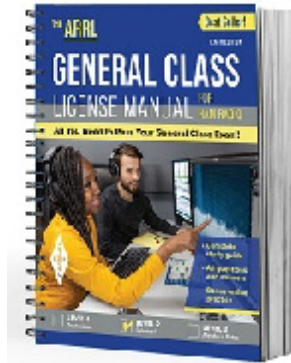


Technician Class
Wednesday Evenings
6:30 P.M. to 9:30 P.M.

Start: TBD
End:



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



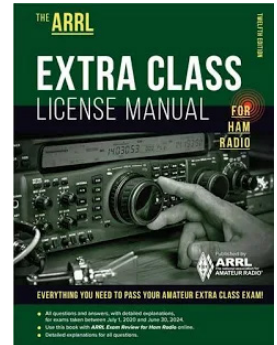
General Class
Wednesday Evenings
6:30 P.M. to 9:30 P.M.

Start: 1/22/2025
End: 4/9/2025

EXTRA classes are held in person at:



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 **2025**

January 16
March 20
May 15
July 17
September 18
November 20



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@frri.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.





Ham Fests

03/15/2025 - Lewis and Clark Radio Club Hamfest

Location: Godfrey, IL

Type: ARRL Hamfest

Sponsor: Lewis and Clark Radio Club

Click [HERE](#) for more info



03/16/2025 - Sterling Rock Falls Amateur Radio Society Hamfest

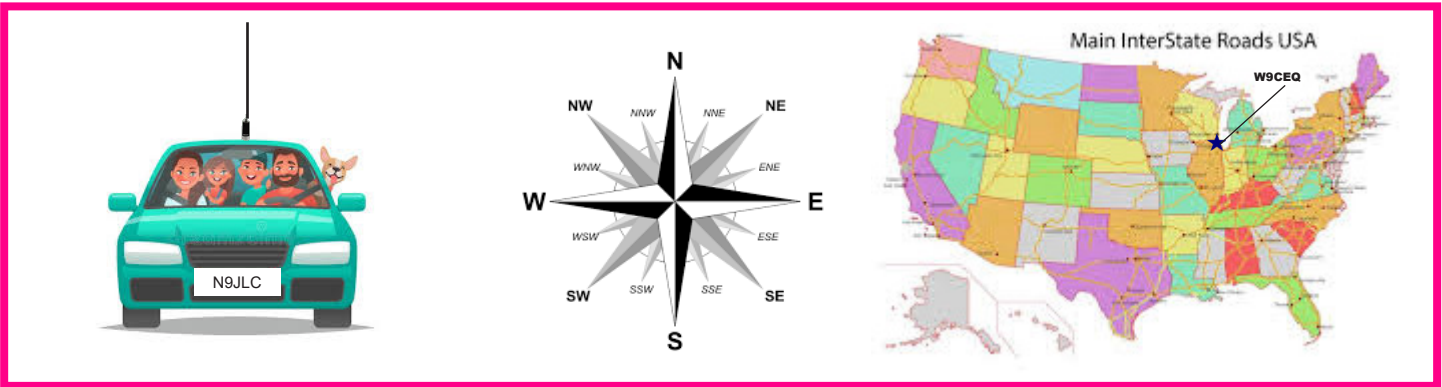
Location: Dixon , IL

Type: ARRL Hamfest

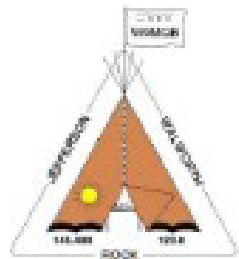
Sponsor: Sterling Rock Falls Amateur Radio Society

Click [HERE](#) for more info

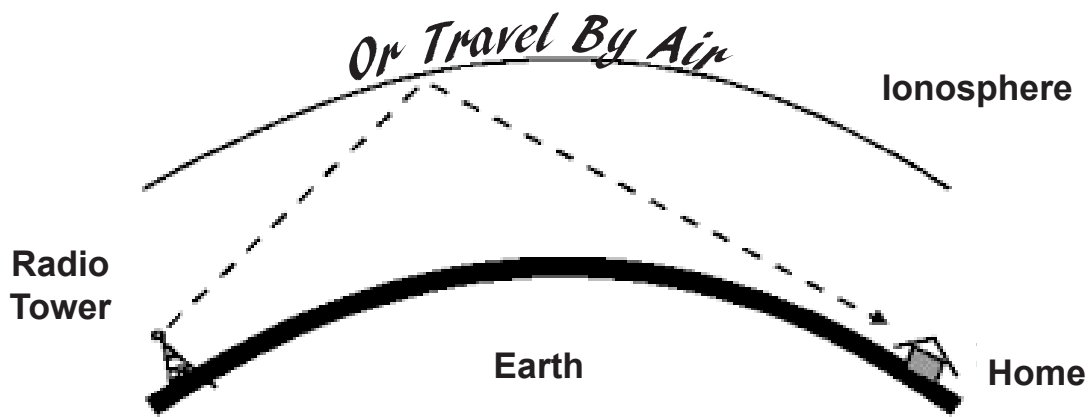




WI Sun Mar 16, 2025 8:00AM - 12:00PM Tri-County Amateur Radio Club Hamfest Jefferson County Fairgrounds Activity Center 503 North Jackson Ave. Jefferson, WI 53549 \$10.00
<https://www.w9mqb.org/>



IN Sat Mar 22, 2025 7:00AM - 11:00AM Terre Haute Hamfest and Computer Expo Clay County 4-H Fairgrounds 6650 N State Road 59. Brazil, IN 47834 \$7.00
<http://w9uuu.org>



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](#)

KANE COUNTY



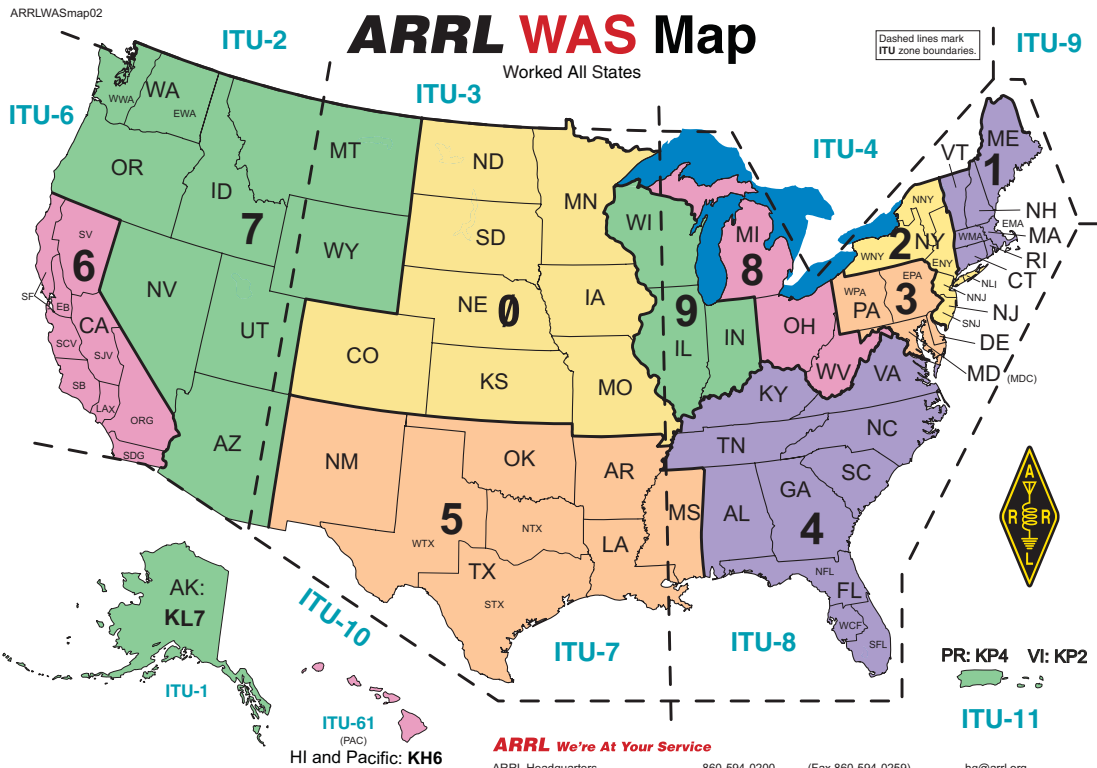
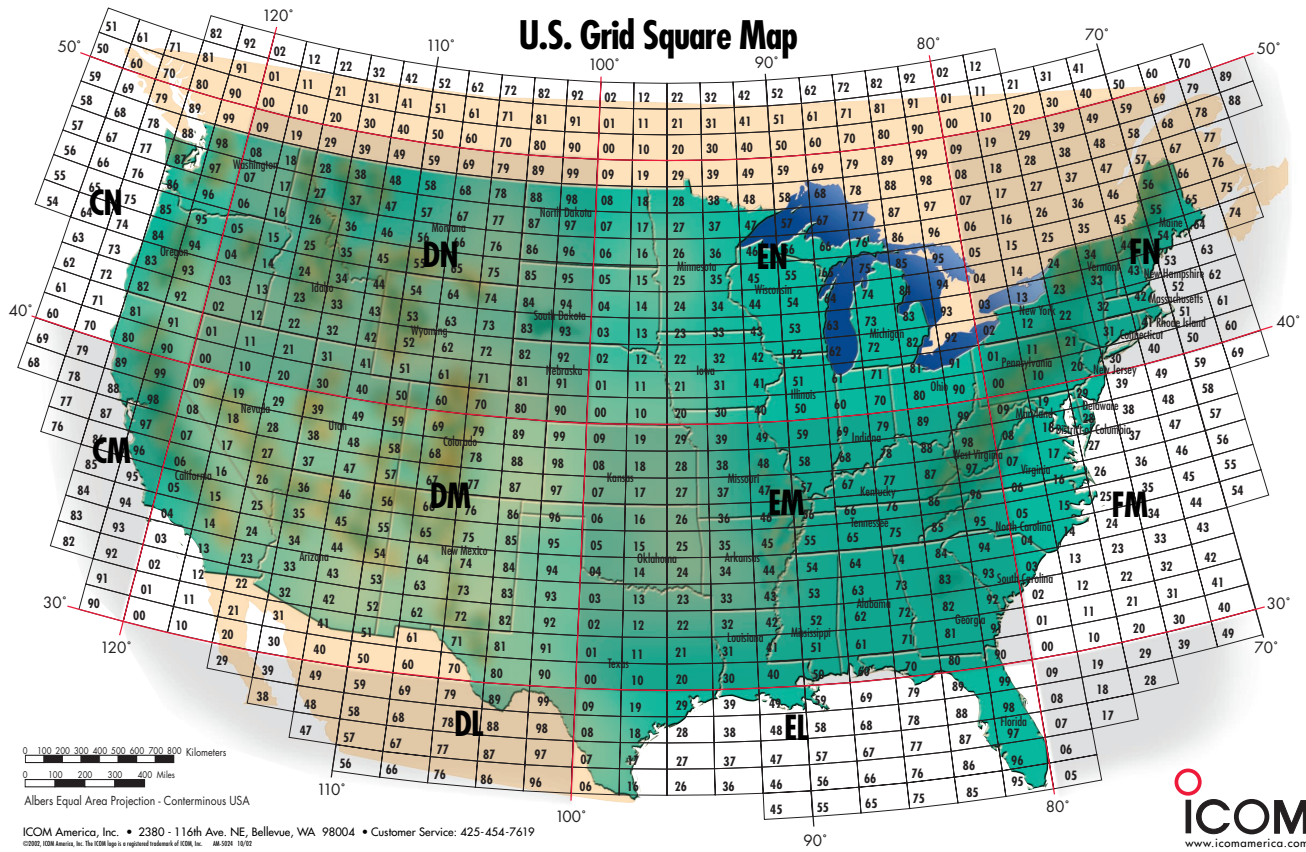
ARES

Kane County ARES

Information

[Click Here](#)





ARRL The national association for
AMATEUR RADIO

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ARRL We're At Your Service

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Getting Started in Amateur Radio
Exams
ARRL on the World Wide Web

860-594-0200 (Fax 860-594-0259)
Toll-Free 1-888-277-5289 (860-594-0355)
Toll-Free 1-888-277-5289 (860-594-0338)
Toll-Free 1-800-326-3942 (860-594-0355)
860-594-0300
www.arrl.org/

hq@arrl.org
orders@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

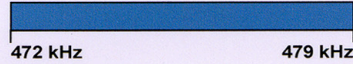
2200 Meters (135 kHz) E,A,G
 1 W EIRP maximum



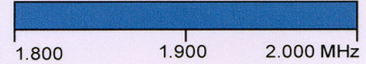
MF – Medium Frequency bands

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



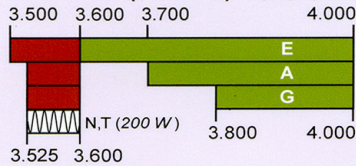
160 Meters (1.8 MHz) E,A,G



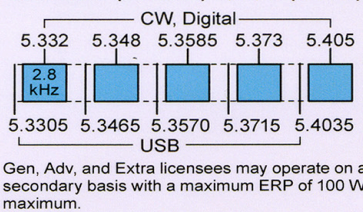
Amateurs wishing to operate on **2200 or 630 meters** must first register with the Utilities Technology Council online at <https://utc.org/plc-database-amateur-notification-process/>. You need only register once for each band.

HF – High Frequency bands

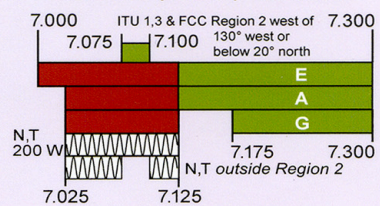
80 Meters (3.5 MHz) E,A,G,T,N



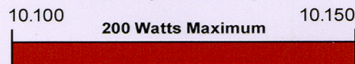
60 Meters (5.3 MHz) E, A, G (100 W)



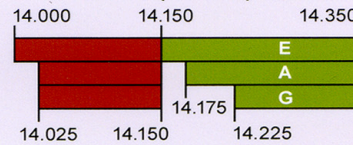
40 Meters (7 MHz) E,A,G,T,N



30 Meters (10.1 MHz) E,A,G



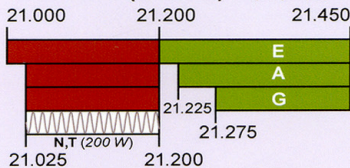
20 Meters (14 MHz) E,A,G



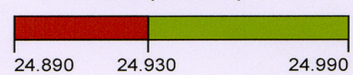
17 Meters (18 MHz) E,A,G



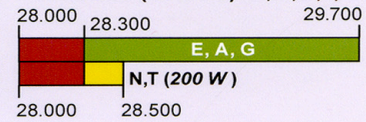
15 Meters (21 MHz) E,A,G,T,N



12 Meters (24 MHz) E,A,G

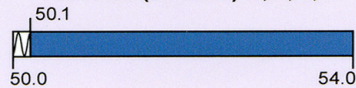


10 Meters (28 MHz) E,A,G,T,N

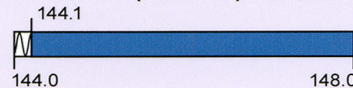


VHF – Very High Frequency bands

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



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

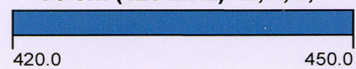


1.25 Meters (222 MHz) E,A,G,T,N

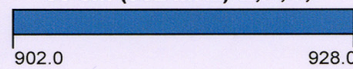


UHF – Ultra High Frequency bands

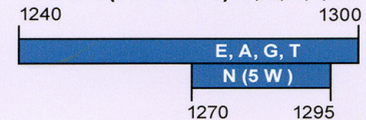
70 cm (420 MHz) E,A,G,T



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:

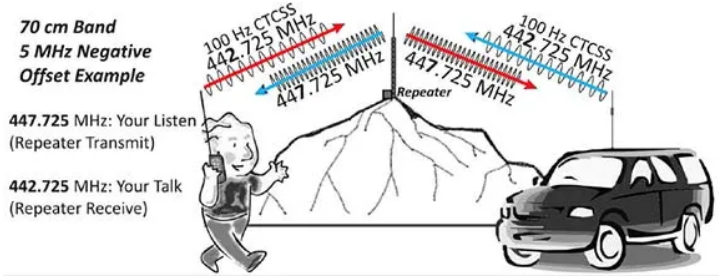
2300-2310 MHz	3300-3500 MHz	10.0-10.5 GHz	47.0-47.2 GHz	122.25-123.0 GHz	241-250 GHz
2390-2450 MHz	5650-5925 MHz	24.0-24.25 GHz	76.0-81.0 GHz	134-141 GHz	All above 275 GHz

See www.arrl.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

K9IIR/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 PG 15
Q1 "D"
Q2 "A"