



# ARCOVER

**JULY 2024**



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

1924  2024

## 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 W9AUU

### Programs:

Paul Mitchell KC9SEB

### Education / VE:

Dan Nolan WA9FRY

### License Trustee (W9CEQ):

Kermit Carlson, W9XA

### License Trustee (W9NE):

Denny Barfuss W9HI

### Newsletter Editor / PR:

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](mailto:info@frrl.org)

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





From  
*the desk*  
 of....

FRRL President



*Kermit Carlson*

The 2024 Field Day is now in the logbooks. The months of careful planning and preparation paid off in a very well produced event at the LeRoy Oakes Forest Preserve in St. Charles.

We all owe the Co-Chairment Patrick Brod K9ANL, Danny Nichols K9WDS, and the entire FD Committee a great word of THANKS for a great weekend. The accommodations and stations were top-notch. Thank you to the team for a great Field Day !

We are now just weeks away from the 100th Anniversary Banquet. PLEASE make your reservations now if you have not already signed up. The Banquet begins with a 5PM Social Hour with a 6PM seating on Tuesday, September 10th. You can CLICK HERE <[https://docs.google.com/forms/d/e/1FAIpQLScf3A\\_pJqrqPHW6fh9f2PXieFTeN-tPYwuXpyDaHoa--P\\_ygw/viewform](https://docs.google.com/forms/d/e/1FAIpQLScf3A_pJqrqPHW6fh9f2PXieFTeN-tPYwuXpyDaHoa--P_ygw/viewform)> to REGISTER and CLICK HERE < <https://www.frll.org/100th-anniversary-payment.php> > to Pay. The Banquet is \$35 per person until the seats sell out. I look forward to seeing everyone at our 100th Anniversary Banquet.

The 100th Anniversary W9CEQ On-Air Special Operating event is also in the logbooks. Gary Hornbuckle K9MMS will report on the results at this month's meeting on Tuesday July 9th

GUD DX es 73,  
 Kermit W9XA

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



**NEW MEMBER ALERT**

<b>Call Sign</b>	<b>Name</b>	<b>License</b>
K9MSG	Kirk Musselman	General
NA9I	William Houghtaling	Amateur Extra
KE9ARC	Ryan Upham	Technician



# ARC OVER

## FOX RIVER RADIO LEAGUE MEMBERSHIP MEETING MINUTES May 14, 2024

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

### Meeting Minutes June 11, 2024.

The June meeting of the Fox River Radio League was conducted at Bethany Lutheran Church in Batavia, IL. There were 48 members in attendance and 5 members attended via Zoom.

The meeting was called to order at 1930 CDT by President Kermit Carlson, W9XA

All Board members were present.

President- Kermit Carlson K9XA  
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

Minutes: Acceptance of the May 2024 Membership Meeting minutes as printed in the ArcOver were approved by the membership. Motion: Dean KC9EQ 2nd Mike K9FE

Treasurer's Report: Dan WA9YKK reported the account bank balances as of June 11, 2024.

#### Reports:

100<sup>th</sup> Anniversary Committee Eve W9EVE: Thanks to all who are helping. Eve had a live interview on Naperville NCTV17.

Special Operating Event: Gary K9MMS suggested using the signup sheet on the website so club members can work the station.

Club Activities: Paul KC9SEB : Special events station in Elburn on June 15. Operating W9CEQ 100<sup>th</sup> anniversary station. Program tonight will be on Field Day.

Reports (continued):

Field Day: Patrick K9ANL: Field day is ready to go.

Membership/ Database: Curt W9YNP advised we currently have 158 members.

Education: Dan WA9FRY advised the Technician class has finished 6 classes out of 9. Cub scouts will be in attendance at Field Day.

VE Update: Denny W9HI: Those who tested at the last session have received their licenses.

Public Information Officer: Jerry N9JLC would like anyone who can to take pictures at Field Day and send them to him.

Repeater: Kermit, W9XA advises that all repeaters are operating normally.

Old Business:

Logo Wear Ad-Hoc Committee: Kermit W9XA thanked Tobi for putting together the T-Shirt orders. More shirts can be ordered through her.

Surplus Equipment Ad-Hoc Committee: Dan KA9FRY has gone through the inventory of club equipment.

New Business: There is a plan to work on new badges.

SAWYER ZIELINSKI, WD9WUX CREATED BEAUTIFUL WOODEN CALL SIGN PLAQUES FOR ALL BOARD MEMBERS FROM 2023 AND 2024.  
THANK YOU SAWYER FOR YOUR WONDERFUL GIFTS.

National Night Out: August 6, 2024  
Newsletter deadline: June 24<sup>th</sup>  
FRRL board meeting July 2<sup>nd</sup>  
Membership meeting July 9, 2024

Adjournment:  
Motion to adjourn by Ken N9WCX, 2<sup>nd</sup> Marty N9NTM. Meeting adjourned at 20:12 CDT.

Program: Field Day.

Respectfully submitted,

Art Shuter NN9I  
FRRL Secretary





# 2024



# FOX RIVER RADIO LEAGUE

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1	2 1900 FRRL BOD Meeting 1930 FRRL 2m Net	3 1930 FRRL 220 Net 223.86 - 110.9	4 	5	6
7 INFORMAL ALL OPR NET 1900	8 CW NET 28.150 2000  SSB NET 28.720 2030	9 1930 FRRL Membership Meeting No Net	10 No 220 Net	11	12	13
14 INFORMAL ALL OPR NET 1900	15 CW NET 28.150 2000  SSB NET 28.720 2030	16 1930 FRRL 2m Net	17 1930 FRRL 220 Net 223.86 - 110.9	18	19	20 NEWSLETTER DEADLINE
21 INFORMAL ALL OPR NET 1900	22 CW NET 28.150 2000  SSB NET 28.720 2030	23 1930 FRRL 2m Net	24 1930 FRRL 220 Net 223.86 - 110.9	25	26	27
28 INFORMAL ALL OPR NET 1900	29 CW NET 28.150 2000  SSB NET 28.720 2030	30 1930 FRRL 2m Net	31 1930 FRRL 220 Net 223.86 - 110.9	27	28	29
30 INFORMAL ALL OPR NET 1900				MEMBER MEETING BETHANY LUTHERAN CHURCH 8 SOUTH LINCOLN ST. BATAVIA IL		
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 +6 103.5	Kane County ARES 2m Net 6:30pm 145.47 -6 103.5	Northern Illinois ARRL 70cm Net 7:30pm 444.875 +5MHz, 114.8		

# ARC OVER

## NEWS AND INFORMATION CENTER

*Local - National - International*

### **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.

**Thanks to Curt (W9YNP) for providing the information about Groups IO**

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The following files and folders have been uploaded to the Files area of the Members@FRRL.groups.io group.

/FRRL Previous Program's/[FRRL\\_Meshtastic\\_Program\\_Presentation\\_5\\_14\\_2024.pdf](#)

By: KC9SEB / 070: #1579 / 10:10: #76773 / EPC: 19755 <kc9seb@gmail.com>



Date: June 5, 2024

By: FRRL 100<sup>th</sup> Anniversary Committee

On TV: "630 Naperville" Features the FRRL



June 5, 2024 - On the set of "630 Naperville," Mike K9FE, Evelyn W9EVE and host Page Ronchetti are shown after recording a TV segment featuring the Fox River Radio League. The completed program will air on NCTV17, 6:30 PM, July 1<sup>st</sup>. 2024.

"Are we all ready?" said Naperville Community Television host Page Ronchetti of "630 Naperville." With big smiles and eager anticipation, Evelyn W9EVE, FRRL 100<sup>th</sup> Anniversary Committee Chairperson gave a nod and the TV segment began to roll.

"What is the Fox River Radio League?" asked Page. Evelyn replied, "It's a group of very interesting people who enjoy amateur radio." She continued, "The club was formed a 100 years ago, and this year we celebrate our centennial!" The group also discussed the club's participation in Field Day activities and invited the TV audience to join us next year. (This episode airs after FD2024).

"630 Naperville" is a monthly news and events presentation produced by Naperville Community Television (NCTV17). The recording session went on for about five minutes. Mike K9FE brought with him an Icom IC-7300, Shure 522 desk microphone, an ARRL Handbook and a few License Manuals. The items adorned the table on the brick-façade set.

The friendly conversation continued highlighting amateur radio and our club. Evelyn revealed the early history of our club's origin. She commented on the 1920's students' enthusiasm for Wireless; the ability to both receive and transmit Morse code signals. She described how after-school Wireless clubs were started by science teachers of the era.

Host Page Ronchetti was fascinated by the history and led the conversation about radio in use today. Both Mike K9FE and Evelyn W9EVE described the many ways radio has been and is currently used. Details about how to become a ham radio operator and how to achieve getting your FCC Amateur Radio License were also topics of conversation.



The television recording segment was the result of an effort by Denny W9HI to obtain publicity for our club. A few weeks ago, Denny ventured into the NCTV17 offices on Ambassador Drive in Naperville. He met a member of the staff, one of the technical volunteers. Denny went on to describe the FRRL and how it was formed a century ago. “I told him about Joseph Stoos, our first club Secretary being from Naperville!” With great enthusiasm that only Denny can emote, he went on to tell the story of how amateur radio is exciting and still remains so a century later. The fellow he was talking to got caught up in the enthusiastic story and remarked that he would like to become a ham radio operator himself. Plus, he was going to tell “630 Naperville” producer Angela Hager about our club.

On his way home (the studio is just a few blocks from his QTH), he called Evelyn and told her of his meeting at the NCTV17 studios. It was not long after that, Angela reached out and asked if a recording session could be organized to tell the story of the FRRL.

How to watch: “630 Naperville” can be seen on local Naperville channel 17, and [on-demand](#). Each new episode airs on the 1<sup>st</sup> of each month at 6:30 PM. The FRRL segment will air on July 1<sup>st</sup>, 2024.

**OUR VERY OWN**



**Denny W9HI, Mike K9FE  
Evelyn W9EVE**





# WIRES-X IS BACK



WIRES-X is up and running on the 147.225 repeater.

The bugs have been squashed and the system is working as expected.

The node name was changed from W9CEQ-ND to W9CEQ-RPT so you may lose your saved settings.

Please give it a try - we think you will be pleased.

73,  
Curt



If you have any memorabilia about the club please contact:

Chair [Eve Schneider W9EVE](#)

**PAY OR RENEW  
MEMBERSHIP DUES  
OR  
REPEATER DONATION  
ON LINE HERE**

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.



# STATE OF ILLINOIS

EXECUTIVE DEPARTMENT

## Proclamation

**WHEREAS**, amateur radio has historically played a significant role in developing worldwide radio communications; and,

**WHEREAS**, amateur radio operators are instrumental in serving the United States of America and the State of Illinois, consistently providing behind-the-scenes support for emergency response and other critical needs; and,

**WHEREAS**, amateur radio provides outstanding volunteer communications for agencies including the Illinois Emergency Management Agency, Illinois Department of Public Health, National Weather Service, the American Red Cross, the Salvation Army, Central Illinois Earthquake Consortium, and others in times of natural disaster and other emergencies; and,

**WHEREAS**, Illinois has more than 20,000 amateur radio operators who repeatedly donate time, equipment, and services to help their communities; and,

**WHEREAS**, by continuous learning and experimentation, amateur radio operators help to forward the science of electronics and radio-related communications; and,

**WHEREAS**, Illinois radio amateurs will continue to hone their communications skills by operating during a simulated emergency preparedness exercise known as Field Day on June 24-25, 2023;

**THEREFORE**, I, JB Pritzker, Governor of the State of Illinois, do hereby proclaim June 2023 as **Amateur Radio Month** in Illinois and encourage all residents to join me in this admirable observance.

*In Witness Whereof, I have hereunto set my hand and caused the Great Seal of the State of Illinois to be affixed.*

*Done at the Capitol in the City of Springfield,*  
this \_\_\_\_\_ TENTH \_\_\_\_\_ day of \_\_\_\_\_ MAY \_\_\_\_\_, in  
the Year of Our Lord, two thousand and  
\_\_\_\_\_ TWENTY-THREE \_\_\_\_\_, and of the State of Illinois,  
two hundred and \_\_\_\_\_ FIFTH \_\_\_\_\_.



*Alexis Lianouch*  
SECRETARY OF STATE

*JB Pritzker*  
GOVERNOR



## A Nice Note From Batavia PD



I wanted to acknowledge receipt of your email and to say thank you for thinking of us with an invitation to your Field Day. I took a look through your website. What a really neat club! There are so many cool activities and clubs that include the interests of so many different people. We are fortunate in the area we live to have such a variety and your league does for those that have a passion for Amateur Radio. Unfortunately for law enforcement in Batavia, Saturdays and weekends in general, are difficult for us to staff. I will put out the word to our rank and file, however no guarantees that staff will be available. Regardless, thank you again for the invitation and best of wishes to you and the league!

Shawn R. Mazza

Chief of Police | Batavia Police Department



Centennial Banner







W9HI



Mecca9

W9XA, W9EVE,  
WA9KK



N9CHA,  
KD9WUX



DINNER



K9ARN,  
KD9NPR



W9XA, OFC ROY, W9HI,  
K9ANL



W9JB



# Tour de Cure



The 2024 American Diabetes Association Tour de Cure will be held on **Saturday, August 10th** and the registration is now open.

As in 2023, the Start/Finish will again be at Pottawatomie Park in St. Charles and the courses are expected to be similar to what they were last year.

[Chicagoland Tour de Cure HAM TEAM Registration](#)

<https://bit.ly/TdC-2024>

Date: Saturday, August 10th, 2024

Start/Finish: Pottawatomie Park, 8 North Ave, St. Charles, IL 60174

Courses that we support: 63 Mile, 30 Mile, 12 Mile, and 5 Mile.

Event Hours are: 6:30AM to 3:00PM; though your actual shift may vary.



If you'd like to volunteer  
- please click on the links  
above

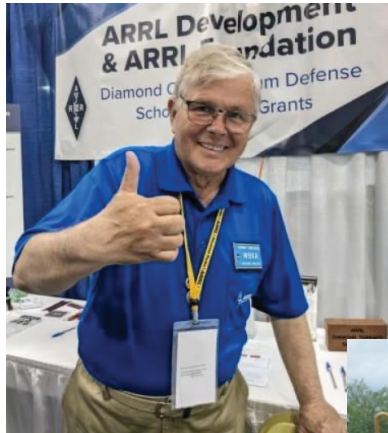
**Mike Wilson N0MO**

mike@hamradiochicago.org





# Fox River Radio League goes to Ohio







The Fox River Radio League invites our members and their guests to join us for our 100 Year Anniversary Celebration on  
Tuesday, September 10, 2024.

Tickets are \$30 in April and May, then \$35 from June until they sell out.

We have a limited amount of seating available.

This is your opportunity to register and purchase tickets for yourself and your guest(s).

Please [click here](#) to register for the 100 Year Anniversary Celebration.

Please [click here](#) to pay via PayPal.

If you have any questions or would like to help out, please contact Evelyn Schneider, W9EVE, at [vicepresident@frrl.org](mailto:vicepresident@frrl.org).

Evelyn, W9EVE

100 Year Anniversary Committee Chair

630-417-4849





# SUMMERTHUNDER 2024:

SUMMERTHUNDER, is a month-long UHF/VHF simplex event crafted to empower amateur radio operators by offering a dedicated platform to test and enhance their UHF/VHF capabilities. From its inception, SUMMERTHUNDER aimed to provide a comprehensive evaluation of stations, encouraging operators to adapt and refine their equipment setups throughout the month-long event.

SUMMERTHUNDER will commence on July 1, 2024 at 00:00:01 UTC and conclude on July 31, 2024 at 23:59:59.

During the event, radio operators are encouraged to make as many contacts as possible during the event window. All contacts are made via FM-Voice and include both analog and digital modes (Fusion, DMR, D-Star). Packet modew are not part of this event.

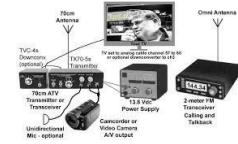
ANALOG		
2M	70cm	OTHER
147.570	446.700	52.540
147.525	446.400	223.400
		927.100
DIGITAL		
147.555 C4FM-V	446.600 C4FM-U	
145.790 DMR-V	446.0750 DMR-U	
TG:99 TS:1 CC:1	TG:99 TS:1 CC:1	
145.670 D-STAR-V	446.225 D-STAR-U	



<https://hamactive.com/>



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



**Advertise Here**



This is an original Heath Kit full legal power tuner, it has very little use. It's got years on it but no wear and is like new. Supports coax, balanced feed lines, and wire antennas. Has a good ground point. I have the book (assembly manual) and maybe the original sales receipt. Asking \$125.



My other item is a Yaesu FT 270 with base charger, it can run from the charger/base station. I have the speaker mike, case and the portable power supply charger, the manual (copy), and the original sales receipt from the Des Moines Ia. Hamfest. It does need a new battery (will run on the base charger) I have the battery case if you want to build your own. It can support a tone board for one tone. Batteries America had the battery. This HT is built like a tank very sturdy. Asking \$75?

**BONUS!** This is really an antique, make an offer!  
Bought this in Cleveland Ohio about 1974 to replace a Motorola two way radio that dimmed the cars headlights when I keyed it up!



**Contact: Greg Copeland  
copelandgreg@comcast.net  
or  
6306882208**



# 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



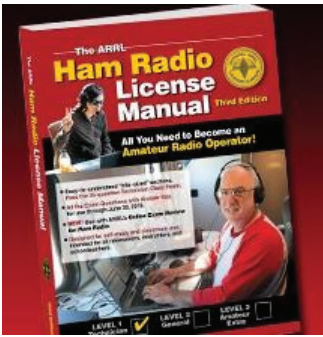
**Tuesday**  
1930 (7:30 pm) local time  
147.21 103.5PL +600  
Except for the 2nd Wednesday of the month



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

*New Time !!*

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.

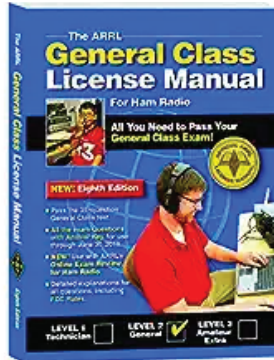


**Technician Class**  
**Wednesday Evenings**  
**6:30 P.M. to 9:30 P.M.**

**Start: TBD**  
**End:**



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



**General Class**  
**Thursday Evenings**  
**6:30 P.M. to 9:30 P.M.**

**Start: TBD**  
**End:**

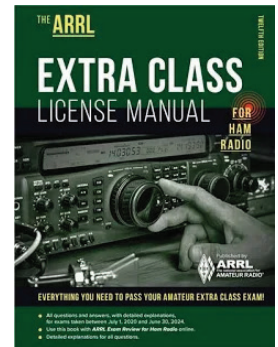
**EXTRA** classes are held in person at:



**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 via the club at a discounted rate by emailing [education \[at\] frrl.org](mailto:education[at]frrl.org).

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](#).

We are in need of  
**Instructors**

If you are willing to teach a section or two contact [education@frrl.org](mailto:education@frrl.org)

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](mailto: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 March, April, May and June. Ad-hoc sessions are planned during major events and will be added to the schedule here as well.

Upcoming Testing Schedule:

July 18, 2024  
September 19, 2024

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 document) and a photocopy of your license.

If you have questions about the testing program, please email the Chairman at: [ve@frrl.org](mailto:ve@frrl.org)

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## **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.





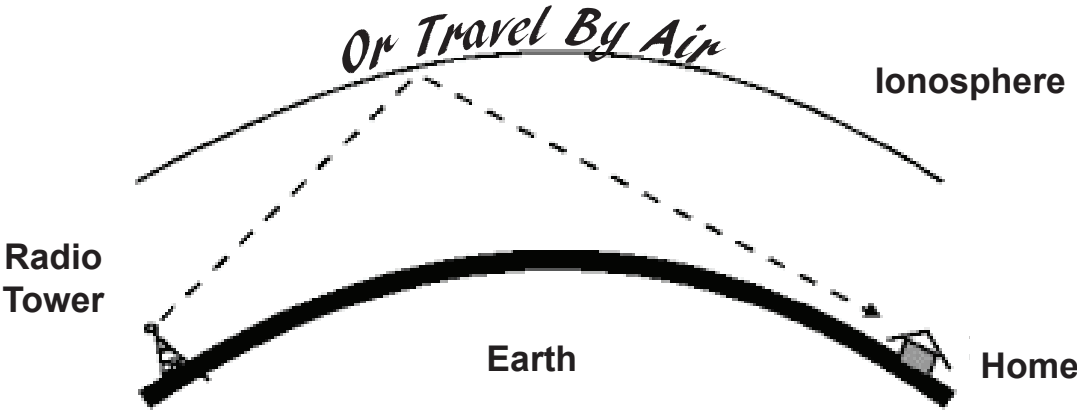
July 12 -13 | : Zion, sponsoring the ARRL Rocky Mountain Division Convention, St. George, Utah



July 13 | [SVARC](#) Summer Hamfest, sponsoring the ARRL North Dakota Section Convention, Minot, North Dakota



July 20 | [SEARC](#) Tailgate Hamfest, sponsoring the ARRL South Dakota State Convention, Sioux Falls, South Dakota



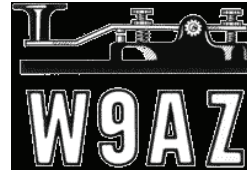


# Ham Fests

07/21/2024 THE KANKAKEE AREA RADIO SOCIETY'S

Location: Will County Fairgrounds, Peotone, Illinois

Website: <https://w9az.com/karsfest.html>



08/03/2024 - West Central Illinois Hamfest

Location: Carlinville, IL

Type: ARRL Hamfest

Sponsor: Macoupin Cnty ARC, Montgomery Cnty ARC, Okaw Valley ARC, Sangamon Valley ARC

Website: <https://wcilhamfest.com/>



08/04/2024 - Hamfesters 89th Annual Hamfest

Location: Peotone, IL

Type: ARRL Hamfest

Sponsor: Hamfesters Radio Club

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



09/21-22/2024 Midwest Superfest

Location: Chillicothe Illinois

Website: <https://www.w9uvi.org/midwest-superfest/>



09/22/2024 CFMC Radio Expo 2024

Location: Boone County Fairgrounds Belvidere, Illinois 61008

Website: <https://chicagofmclub.org/cfmc-radio-expo-2024/>





# 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.](#)

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## 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](mailto: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](#)

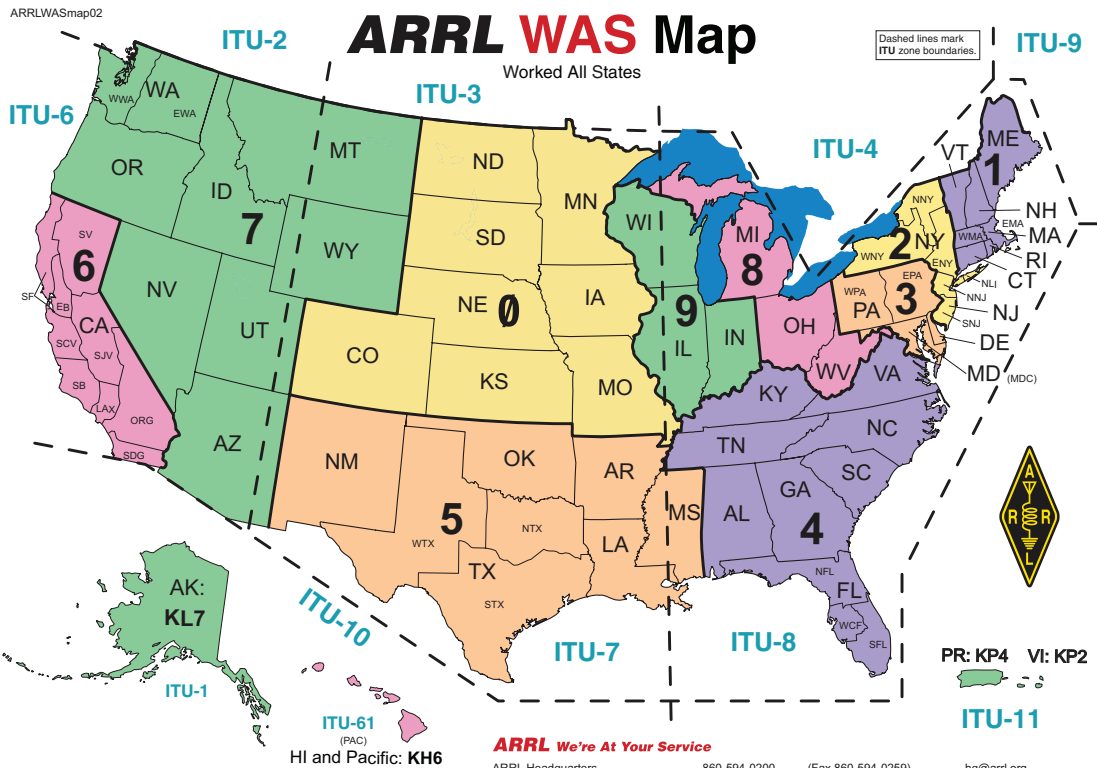
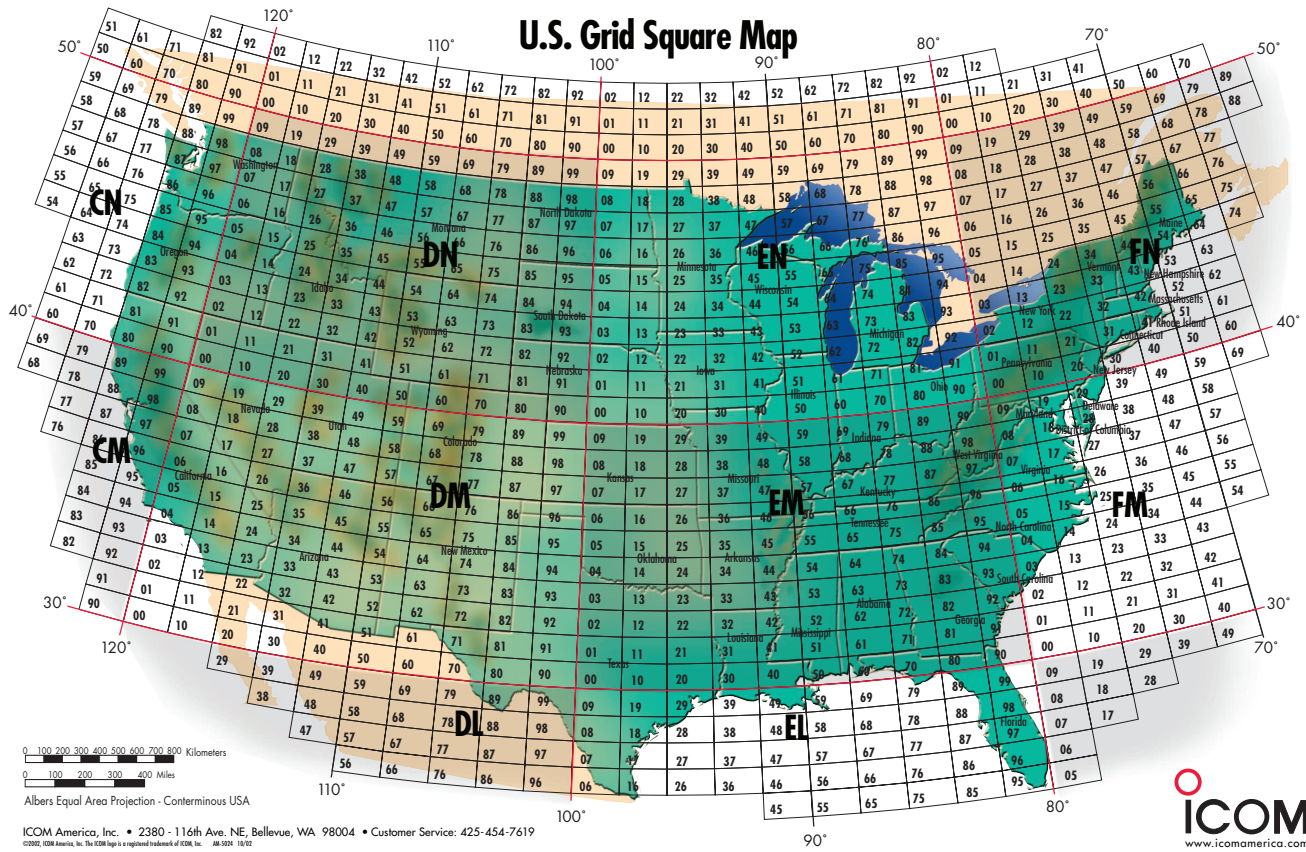


**Kane County ARES**

**Information**

[Click Here](#)





**ARRL** The national association for  
**AMATEUR RADIO**

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**ARRL We're At Your Service**

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Publication Orders Toll-Free 1-888-277-5289 (860-594-0355)  
Membership/Circulation Desk Toll-Free 1-888-277-5289 (860-594-0338)  
Getting Started in Amateur Radio Toll-Free 1-800-326-3942 (860-594-0355)  
Exams 860-594-0300  
ARRL on the World Wide Web www.arrl.org

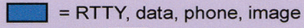
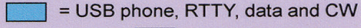
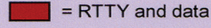
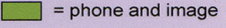
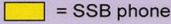
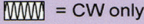
hq@arrl.org  
orders@arrl.org  
membership@arrl.org  
newham@arrl.org  
vec@arrl.org





# 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



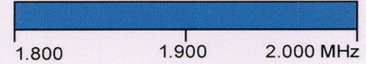
## MF – Medium Frequency bands

**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



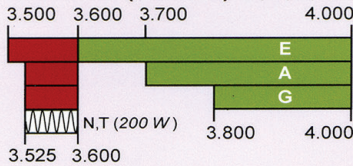
**160 Meters (1.8 MHz) E,A,G**



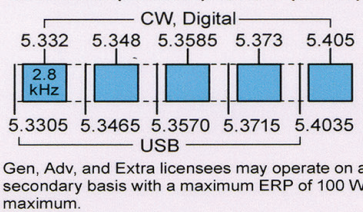
Amateurs wishing to operate on **2200 or 630 meters** must first register with the Utilities Technology Council online at <https://utc.org/plc-database-amateur-notification-process/>. You need only register once for each band.

## HF – High Frequency bands

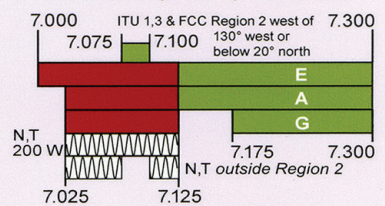
**80 Meters (3.5 MHz) E,A,G,T,N**



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



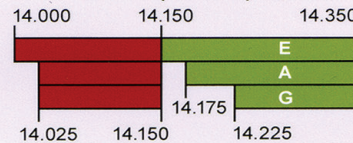
**40 Meters (7 MHz) E,A,G,T,N**



**30 Meters (10.1 MHz) E,A,G**



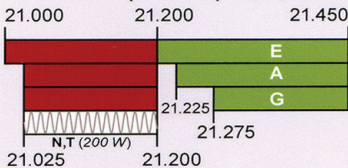
**20 Meters (14 MHz) E,A,G**



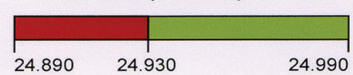
**17 Meters (18 MHz) E,A,G**



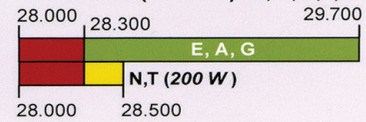
**15 Meters (21 MHz) E,A,G,T,N**



**12 Meters (24 MHz) E,A,G**

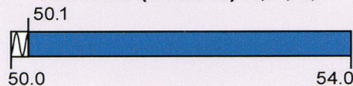


**10 Meters (28 MHz) E,A,G,T,N**

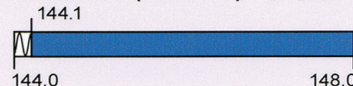


## VHF – Very High Frequency bands

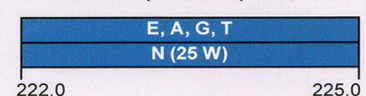
**6 Meters (50 MHz) E,A,G,T**



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

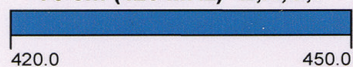


**1.25 Meters (222 MHz) E,A,G,T,N**



## UHF – Ultra High Frequency bands

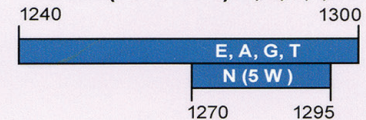
**70 cm (420 MHz) E,A,G,T**



**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:

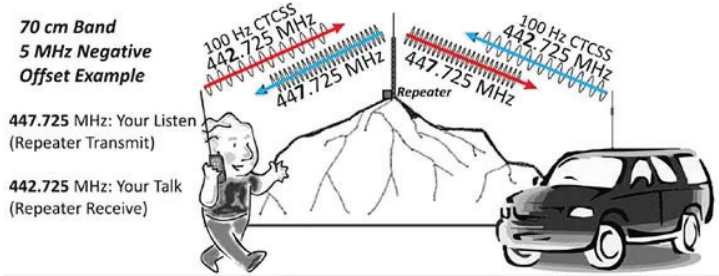
2300-2310 MHz	3300-3500 MHz	10.0-10.5 GHz	47.0-47.2 GHz	122.25-123.0 GHz	241-250 GHz
2390-2450 MHz	5650-5925 MHz	24.0-24.25 GHz	76.0-81.0 GHz	134-141 GHz	All above 275 GHz

See [www.arrl.org/band-plan](http://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 KHz 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

