



ARCOVER

JULY 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 W9AUW

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

Following a ham radio tradition that started 89 years ago, the ARRL Field Day 2025 has just finished.

If nothing else, it seemed like it passed in a flash. After months of careful planning provided an enjoyable event for the entire club. My sincere thanks everyone who made this weekend possible.

Our gracious hosts at Mooseheart provided the backdrop for this year's Field Day, harking back to the year 1985 when the FRRL last operated from Mooseheart for Field Day. To our hosts, The Moose International, their leadership and staff, especially Gordie Daley, KW0E, Thank You for your hospitality.

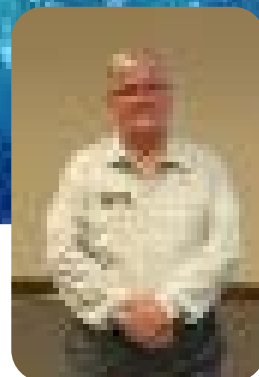
This year we were honored with the recognition by several area Community Leaders.

Village of Campton Hills Council Member Kim Muhr, KC9EIF, presented a Proclamation from the Village celebrating the positive role that Amateur Radio plays in daily life.

We also were honored to provide a tour of the FRRL Field Day-25 site to the City of Batavia Mayor, Mr. Jeffery Schielke. During his visit the Mayor commented on the recognised importance that Ham Radio plays when regular communications is interrupted by natural disasters. In our discussions, he did note that ham radio has always been an important part of our Community.

Despite rough band conditions and sweltering heat indices near 100 degrees, our weekend of amateur radio and the Club's inherent fellowship provided a great celebration of the greatest hobby in the world !

73, Kermit W9XA





ARC OVER

FOX RIVER RADIO LEAGUE MEMBERSHIP MEETING MINUTES

June 10, 2025

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

The June 10, 2025 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 7:30 CST by President Kermit Carlson, W9XA.

Board members present:

President- Kermit Carlson W9XA

Treasurer, Dan Harmon WA9YKK

Secretary, Art Shuter NN9I

Director, Will Sperling W9WSS absent

Director, Paul Mitchell KC9SEB

Director, John Greusel KC9OJV

Director, Pat Brod K9ANL

Past president, Terry W9AUV

Minutes: Motion to approve the May meeting minutes was moved by Mike K9FE with 2nd by Denny W9HI, motion passed.

Treasurer's Report: Dan WA9YKK reported the bank account balances as of June 3, 2025.

Reports:

Club Activities Paul KC9SEB: Paul reported that Kirk, K9MSG will have a presentation on portable operation at the July meeting.

Membership/Database: Curt W9YNP reported we have 175 members and 141 on Groups IO.

Education and Scouting Dan WA9FRY : Tech class in the fall on zoom and Extra will be in person at the North Aurora Library



Technical: John KC9OJV/Mark K9MEV: Last month John showed a two- meter beam antenna he constructed and put info about building it on Groups IO.

Newsletter Jerry N9JLC: National Night out will be the first Tuesday in August. Board of Directors meeting will be moved to Wednesday August 6th that month.

Repeater: Kermit W9XA reported all repeaters are working well.

VE update: Denny W9HI: Denny reported two passed the General and two passed the Technician class licenses.

Field Day – Patrick K9ANL/Greg WB0OET: Field Day report was the program for the evening.

Old Business:

- Club Storage Area: We will remain at the current storage area until fall of 2025.
- Club Area AdHOC Committee: Committee is looking for a place for storage and activities.
Club storage will remain at the current storage location.
- Scouting – A Great Success at Merit Badge “University”.

New Business:

- FRRL Logo Wear: Hat and shirt were shown and will be available soon.
- 100th Anniversary Glasses Available \$10 a pair.

Upcoming Events:

June VHF Contest – June 14th – 16th

Next FRRL board meeting – July 1st

Membership meeting – July 8th

VE testing – July 17th

Newsletter deadline – June 20

Adjournment:

Meeting adjourned at 8:05 CST.

Respectfully submitted,





Art Shuter NN9I


FRRL Secretar



July 2025

FOX RIVER RADIO LEAGUE


Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1 1900 FRRL BOD Meeting 1930 FRRL 2m Net	2 1930 FRRL 220 Net 223.86 - 110.9	3	4 	5
6 INFORMAL ALL OPR NET 1900	7 CW NET 28.150 2000  SSB NET 28.720 2030	8 1930 FRRL Membership Meeting No Net	9 No 220 Net	10	11	12
13 INFORMAL ALL OPR NET 1900	14 CW NET 28.150 2000  SSB NET 28.720 2030	15 1930 FRRL 2m Net	16 1930 FRRL 220 Net 223.86 - 110.9	17 VE Testing	18	19
20 INFORMAL ALL OPR NET 1900 NEWSLETTER DEADLINE	21 CW NET 28.150 2000  SSB NET 28.720 2030	22 1930 FRRL 2m Net	23 1930 FRRL 220 Net 223.86 - 110.9	24	25	26
27 INFORMAL ALL OPR NET 1900	28 CW NET 28.150 2000  SSB NET 28.720 2030	29 1930 FRRL 2m Net	30 1930 FRRL 220 Net 223.86 - 110.9	31		
				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

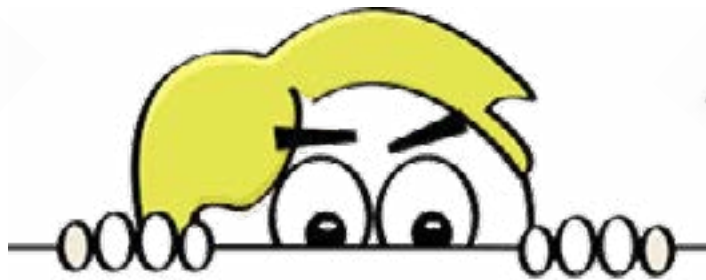


ARC OVER

NEWS AND INFORMATION CENTER

Local - National - International

Sneak Peek!



Sneak Peek!

August 2025

*National Night Out
August 5th*



Campton Hills

Elburn



Dan,

I inquired last night at the Program Council meeting about Merit Badge University and the feedback is VERY positive. FRRL was one of several professional/expert organizations that helped provide merit badge classes for the Scouts. The comments were that all of you added tremendously to the value of the experience and in particular, there was a group of VIPs (read - potential substantial donors to Scouting, community leaders, people who can help with grant programs, etc) that toured the event. They were extremely impressed with what they saw regarding the community and business involvement in Scouting.

In short, you guys are providing a tremendous value to Scouting, our youth, our communities, and the future of all. We sincerely appreciate the FRRL's contribution to this and the other events and programs you are participating in and thank you all!

Steve Purduski



Hamvention has released attendance numbers for 2025, and once again, the premier ham radio event has set an attendance record. For 2025, the official attendance was counted at 36,814. Compared with 2024's attendance numbers of 35,877, that's an increase of 937 attendees over last year. This marks two years in a row of record setting attendance at Hamvention.

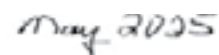
The Federal Communications Commission (FCC) in the US has received a request from AST SpaceMobile to modify an existing license that would allow it to transmit within the amateur radio 70 cm band. Specifically, the company seeks the use of the 430-440 MHz spectrum to perform telemetry, tracking, and telecommand between ground stations and a constellation of 243 satellites in low-earth, non-geostationary orbit.

Based on activity within the AMSAT-DL forums, it's been suggested that AST SpaceMobile has interfered with the 70 cm amateur bands in the past. Communications Daily reported in 2023 that Germany required AST SpaceMobile to shut off operations when in radio range of the country. The government cited non-compliance with ITU regulations.

AST SpaceMobile is building a satellite constellation based cellular network that can utilize existing smart phones. The company is based in Midland, Texas, US and is publicly traded.

Hat tip to Zero Retries for relaying the FCC document.





Thank you so much for your gift of the NOAA radio for Bethany! As it happens, we have been working with the Batavia FPD to improve our safety procedures, including fire + tornado drills. Your generous gift will be a great help to keeping our worshippers safe!

**Thank you
from
Bethany Lutheran Church
for Weather Radio**



A word cloud featuring the word "THANKS" in multiple styles, including bold, outlined, and script fonts, arranged in a circular pattern.

17th Annual 13 Colonies Special Event

JULY 1ST - 7TH 2025



2025 Event Dates / July 1 (9AM Eastern) to July 7 (Midnight Eastern)

(July 1, 2025-1300 UTC to July 8, 2025-0400 UTC)

YOU DO NOT NEED ALL 13 COLONIES TO GET THE CERTIFICATE

YOU DO NOT NEED TO GET THE 2 BONUS STATIONS FOR A CLEAN SWEEP

Spotting

If you work a colony station, you are encouraged to spot it for others.

We suggest DX Summit.

The 13 Colonies Special Event is a not for profit event. All donations are used to fund the next years event, and to defray any expenses occurred. All donations are used for operating costs, supplies, equipment, and 13 Colony Group initiatives. Donation is voluntary. If you have difficulty with a donation, tell us on your log sheet, and we will send you the certificate earned-No Questions Asked!.

<http://13colonies.us/>





Information Tent



W9CEQ



GOTA Tent



Kane County
Emergency Management
preparedness tent



Art's legendary stash



Art eating
his stash





FRRL 2025 FIELD DAY



2025



2025



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 July 4th !!



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

Amateur Radio



/



Parks On The Air



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List Provided by
Rob Pothoff N9RLP

Note: blue underline text will not go
to website



If You Have Anything

For Sale

To Trade

Looking For / Or

To Loan

Advertise Here



To advertise email: NEWSLETTER@FRRL.ORG



70' of Rohn 45g. Top brg plate, rotor shelf and two guy line brackets. Includes HyGain HDR 300 rotor. Possibly a mast. Everything on the ground. \$1500 for everything.

Contact *Don Rasmussen* N9III at n9iii@comcast.net or 630-269-5598.



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:

Under what circumstances is it safe to climb a tower without a helper or observer?

- A. When no electrical work is being performed
- B. When no mechanical work is being performed
- C. When the work being done is not more than 20 feet above the ground
- D. Never



Question 2:

Which of the following is an important safety precaution to observe when putting up an antenna tower?

- A. Wear a ground strap connected to your wrist at all times
- B. Insulate the base of the tower to avoid lightning strikes
- C. Look for and stay clear of any overhead electrical wires
- 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



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



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



Tuesday

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

Except for the 2nd Tuesday of the month



Wednesday

1930 hrs (7:30pm) 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.

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.

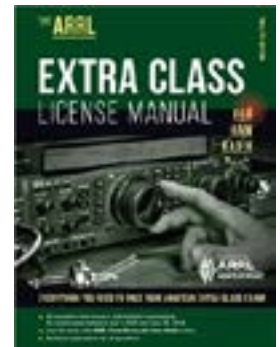
Start: TBD

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 **2025**

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

VE's Needed !!



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



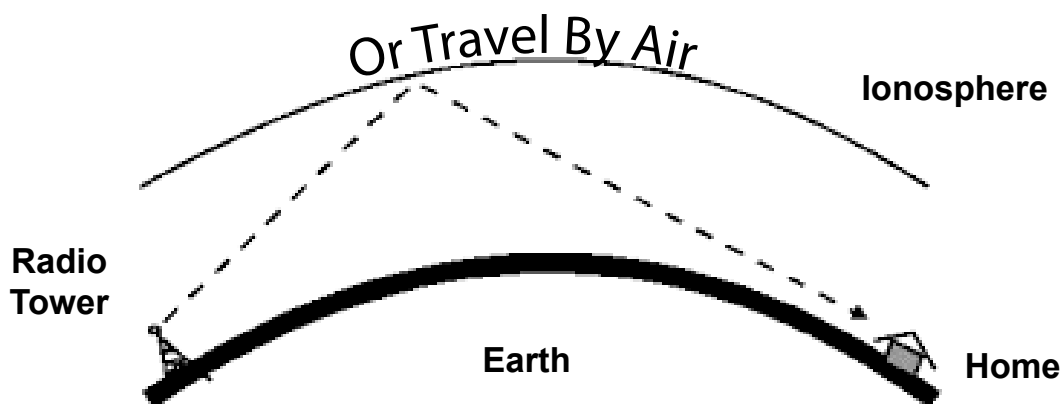
You can also participate in one (or all) of the Illinois Traffic Nets. Everyone is welcome with or without traffic. The nets are the North Central Phone Net, Daily (M-F) at 7 a.m. local time, on 3912 kHz LSB; the Illinois Phone Net, Monday – Friday at 4:45 p.m. local time, on 3857 kHz LSB and on Sunday 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
JULY 5, 2025	7:00AM - 3:30PM	South Milwaukee Swapfest	9327 S. Shepard Ave, Oak Creek, WI	South Milwaukee Amateur Radio Club (WI9SM)	\$5	149.910(-) 127.3pl	Food, beverages
JULY 20, 2025	8:00AM -	<u>Kankakee Area Radio Society Fest</u>	Will County Fairgrounds, Peotone, IL	KANKAKEE AREA RADIO SOCIETY	\$10 door, \$8 in advance	146.940 107.2pl	Indoor and outdoor seller space



Date	Sponsor	Notes
July 4, 2025	Wheaton Community Radio Amateurs (WCRA).	Join a team that helps 'stage' parade participants, track their progress, monitor spectators and the parade route, and coordinate with organizers. This parade travels North down Main Street from downtown Wheaton. To volunteer through Mike Wilson (N0MO) and the Wheaton Community Radio Amateurs (WCRA).
July 4, 2025	Schaumburg Amateur Radio Club (SARC)	Help the team 'stage' parade participants, track their progress, monitor spectators and the parade route, and coordinate with organizers. To volunteer through Rob Glowacki (N9MVO) and the Schaumburg Amateur Radio Club (SARC).
July 6, 2025	Schaumburg Amateur Radio Club (SARC)	Enjoy the beauty of Busse Woods with this event centered around Shelter 25. The event begins at 8:00am so this radio group will gather earlier to be ready to monitor the course that winds through the woods while helping guide runners, watch for safety issues, monitor the weather, and coordinate with race organizers. Contact Rob Glowacki (N9MVO) will help you with all you need to know. Sponsored by the Schaumburg Amateur Radio Club (SARC).
July 8, 2025	Suburban UHF Amateur Repeater Society	The race day schedule begins at 6:00am and includes various timed swims in the Three Oaks Recreation Area Lake. Anyone wishing to volunteer email address for Keith (KC9ZON) and explore how you might assist the Suburban UHF Amateur Repeater Society
July 27, 2025	Kishwaukee Amateur Radio Club (KARC)	The annual Fizz Ehrler Memorial Turning Back Time Car Show is a big event in beautiful downtown Sycamore. Amateur radio volunteers assist organizers with communications, traffic assistance, safety monitoring, and more. To volunteer through Robert Yurs (W9ICU) and the Kishwaukee Amateur Radio Club (KARC).

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](#)

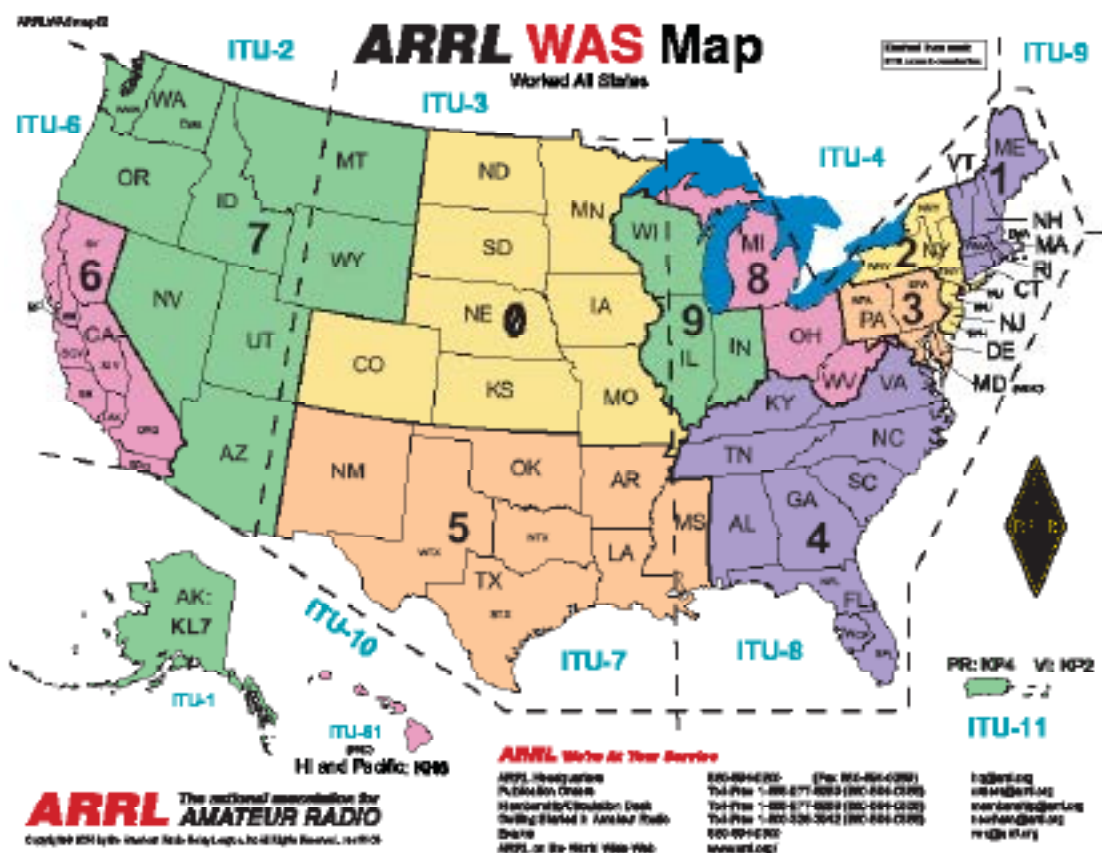
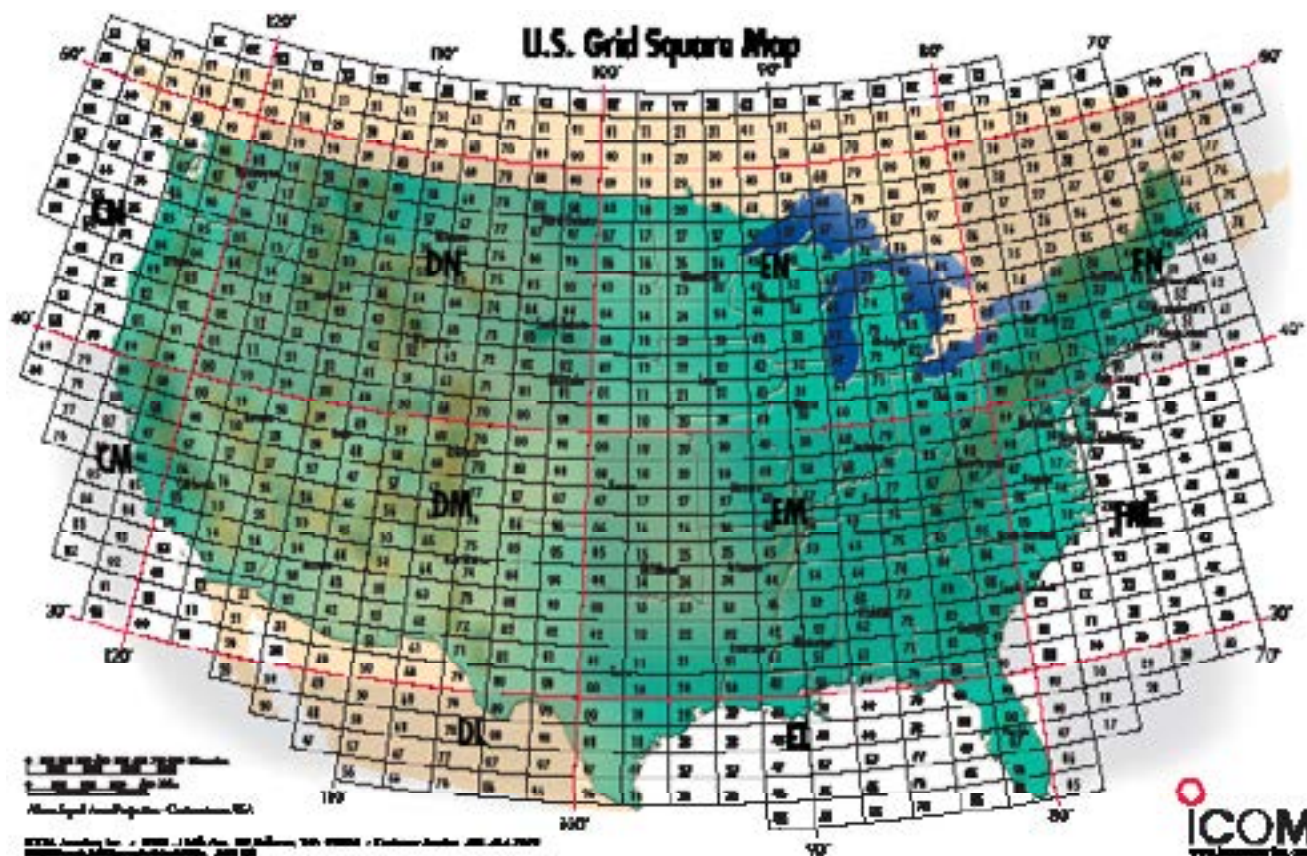


Kane County ARES

Information

[Click Here](#)





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).

Blue = RTTY, data, phone, image Light Blue = USB phone, RTTY, data and CW Red = RTTY and data Green = phone and image
Yellow = SSB phone Wavy line = 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

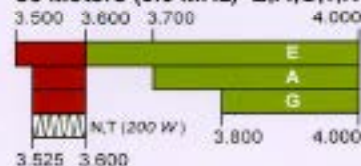


160 Meters (1.8 MHz) E,A,G

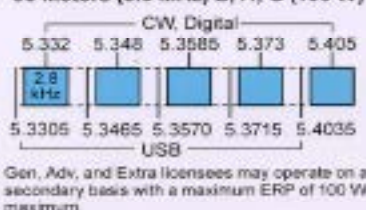


HF – High Frequency bands

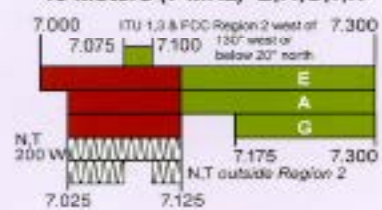
80 Meters (3.5 MHz) E,A,G,T,N



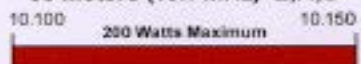
60 Meters (5.3 MHz) E, A, G (100 W)



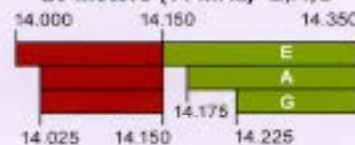
40 Meters (7 MHz) E,A,G,T,N



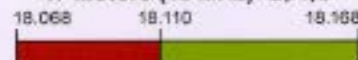
30 Meters (10.1 MHz) E,A,G



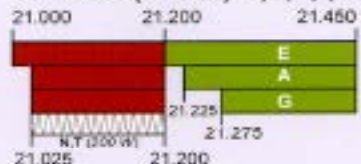
20 Meters (14 MHz) E,A,G



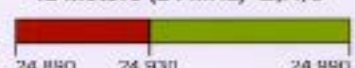
17 Meters (18 MHz) E,A,G



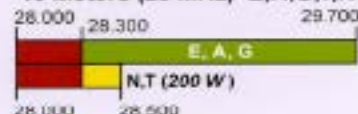
15 Meters (21 MHz) E,A,G,T,N



12 Meters (24 MHz) E,A,G



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



VHF – Very High Frequency bands

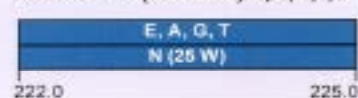
6 Meters (50 MHz) E,A,G,T



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

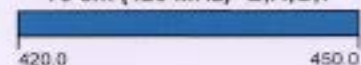


1.25 Meters (222 MHz) E,A,G,T,N

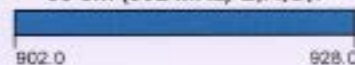


UHF – Ultra High Frequency bands

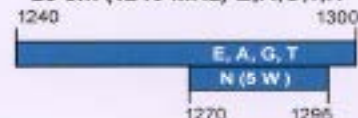
70 cm (420 MHz) E,A,G,T



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.arrl.org/band-plan for detailed band plans.

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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

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 "C"

