



ARCOVER

OCTOBER 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 W9AUV

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





From
the desk
of....

FRRL President



Kermit Carlson

Greetings !

The 100th Anniversary Banquet was a great success !

That Tuesday evening was SPECTACULAR ! Members travel from as far away as Washington State, Arizona, California and Florida to join us for this very

Special event.

Gary Hornbuckle, K9MMS presented Special Operating Achievement Awards to top operators of the W9CEQ FRRL 100th Anniversary Special Operating Event. The exceptional research effort of Kathy Lenz N9DEE and the excellent cinematography of Greg Braun N9CHA provided the centerpiece entertainment of the evening with the Premier viewing of the movie "Can't Ever Quit", the story of the founding years of the Fox River Radio League. You can view the video at this temporary link;

<https://youtu.be/LCyafKblhvY> .

The entire FRRL owes a special thanks to Reverend Jeff Mikyska and the Bethany Lutheran Church for their gracious hosting of our Banquet at the Community Center. We also need to thank the Nicolaou Family of the Riganato Old World Grille in Geneva for the excellent menu that they created for the crowd of over one hundred and forty in attendance.

A special THANKS to the entire Anniversary Committee for a great evening and for the year of activities. There is a long list of dedicated FRRL who worked tirelessly to create the special atmosphere of celebration that culminated on the Banquet evening. I do not have enough space in the column to thank everyone who had participated in making this a most wonderful year-long celebration.

On behalf of the FRRL Board of Directors and the entire membership I would like to especially thank Evelyn Schneider, W9EVE, for the outstanding effort she had put forth over the past two years as the Chair of the FRRL 100th Anniversary Committee . The special activities of this year have been the best manner for us to collectively remember founding of the FRRL in years past, and of the progress made by our radio club in it's First Century.

Thank you to everyone !

PLEASE REMEMBER that October 20th will be the ILLINOIS QSO Party sponsored by the Western Illinois Amateur Radio Club. If you participate from your station please remember to submit your scores and to enter the 'Fox River Radio League' as your radio club. If you have never been exposed to the "IL QP" please plan to join the FRRL "pro's" starting at 9:00 AM on October 20th for set-up at Springbrook Prairie Forest Preserve, Naperville,IL, at the South Pavilion. This is a no-cost event. Operating starts at 12:00 PM Noon and should end around 6:00PM.

The months of October through January are predicted to provide some of the best radio propagation we have seen in the past two decades. With Sun Spot Numbers now regularly higher than in the past solar cycle, 10 meters is now open from the Fox Valley to Europe, Asia, South America and Australia all at the same time.

It is time to get on the AIR !

GUD DX es 73,

Kermit W9XA





ARC OVER

FOX RIVER RADIO LEAGUE
MEMBERSHIP MEETING MINUTES
September 10, 2024

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

Please note:

There was no September 2024 membership meeting thus there is no meeting minutes...

*President Carlson
Welcomes Our
New Members !!*



NEW MEMBER ALERT

Call Sign	Name	License
KE9ABX	Jim Fiedler	Technician
KE9BBW	Emerald Lendi	Technician
KE9BBV	Heidi Lendi	Technician
KE9BBX	Louis Lendi	Technician



Fox River Radio League

Illinois QSO Party Oct 20th 2024

Come join the Illinois QSO Party fun....

The Illinois QSO Party is an Annual event sponsored by The Western Illinois Amateur Radio Club (WIARC)

The ILQP takes place each October and involves amateur radio operators in all Illinois counties as well as operators from across the USA and in many foreign countries. The QSO party provides Illinois operators the opportunity to work the 'rare counties'. Illinois stations may operate as Fixed, Portable, Mobile or Rover stations. High and Low power classes are provided for both Illinois Fixed and Non-Illinois stations and QRP competition is also provided. This is a no cost Event.

2024- Illinois QSO Party Date

Setup start:	Sunday Oct 20th	9:00 am local
Start Operating:	Sunday at Noon	12:00 pm local
End Operating and clean up:	Sunday at Approximately	5:00 pm local

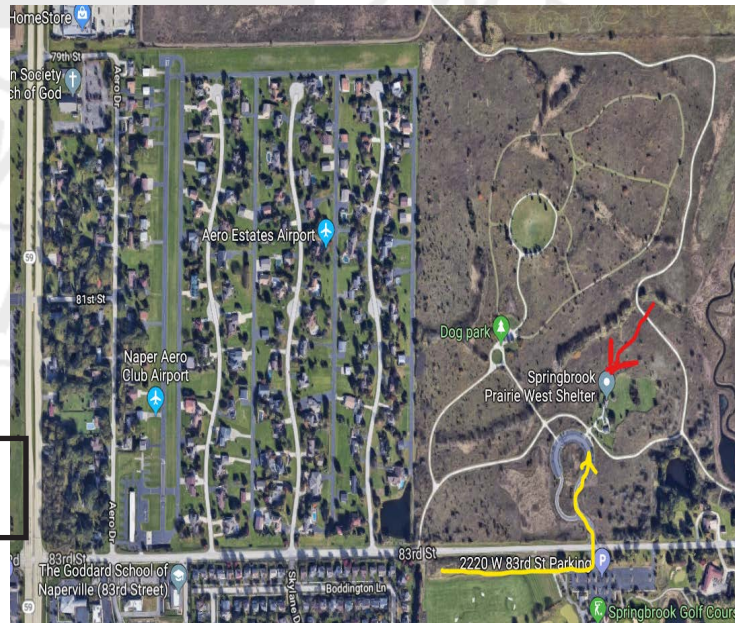
Location: 📍 **Springbrook Prairie Forest Preserve Shelter in Naperville IL**

For more information on the Illinois QSO Party please google Illinois QSO Party. When you submit your logs identify yourself as an FRRL Member and all of our scores will be tallied toward the club.

Location:

Springbrook Prairie Forest Preserve South Pavillion.
Rt 59 South to 83rd street.
East on 83rd street to Pavillion Entrance.
Naperville, IL











For information go to
<https://w9awe.org/ilqp/>



2024

October

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	18	19
20 IL QSO Party INFORMAL 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  Halloween		
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		

ARCOVER

NEWS AND INFORMATION CENTER

Local - National - International

After Lebanon blasts, Icom warns of bogus radios

BY RIVER AKIRA DAVIS THE NEW YORK TIMES

The Japanese manufacturer whose name was on handheld radios that exploded in Lebanon said Thursday that it had discontinued the device a decade ago and was investigating what happened.

The company, Icom, a telecommunications equipment maker based in Osaka, Japan, had shipped IC-V82 transceivers — the model whose name is seen on radios in photos and a video of the aftermath of Wednesday's attacks — to overseas markets, including the Middle East, from 2004 to October 2014.

Icom said in a statement Thursday that it had not shipped any of the IC-V82 radios from its plant in Wakayama, Japan, in roughly a decade. But the company has long warned of what it called a surge in counterfeit IC-V82 transceivers.

At least 20 people were killed and more than 450 wounded when walkie-talkies owned by Hezbollah members exploded across Lebanon

Article submitted by Kermit W9XA





Resilience Through Amateur Radio for National Preparedness Month



08/30/2024

Amateur radio is an excellent tool for community resilience in times of crisis. The utility value of the critical communications it provides is enhanced by having well trained local Amateur Radio Emergency Service® (ARES®) groups and other teams. However, to maximize the value to yourself, your family, and your community; an operator must be prepared. September is National Preparedness Month. ARRL's partners at the Federal Emergency Management Agency (FEMA) are sharing tips to help you be prepared. They are centered around the theme of "Start a Conversation".

ARRL Director of Emergency Management Josh Johnston, KE5MHV, is starting the conversation with radio amateurs to help make sure you, your station, and your family are ready for whatever may come your way. "It's important that we take steps to ensure that not only are we ready to provide assistance to our served agencies, but that we have a plan for our families as well," he said.

Over the month of September, ARRL will share best practices to help prepare you, your station, your family, and your local ARES® group to thrive in times of emergency. "There are times when hams may be activated to serve when all aspects of your life, your station, and your environment are under stress. That's not the time to start planning or to discover shortcomings," said Johnston.

Johnston encourages any radio amateur who is interested in participating in ARES® to check out the "Join ARES" flyer, then reach out to their local ARRL Emergency Coordinator. If you don't know who that is, find your local ARRL Affiliated Club, or reach out to your ARRL Section Manager or Section Emergency Coordinator, whose contact details you can find on page 16 of QST or on www.arrl.org/sections.

Find resources for ARES® at www.arrl.org/aresand tools to help plan your family's resilience at www.ready.gov.



VOLUNTEERING OPORTUNITIES

Chicago Marathon seeks ham radio ops to assist with communications.

The Marathon is Sunday, October 13th and this is our 16th year serving this event.

135 ham radio ops from several surrounding state come to Chicago every year to help support the Marathon's volunteer medical team.

There are several different groups to which we assign teams:

Course Stations with 3 - 8 people;

Triage requiring running around with a radio following the medical teams (you need to be in good physical condition)

Pre-Finish working with a team of folks who work the last mile of the course. (This group uses DMR equipment, but we might be able to outfit you if you don't have DMR equipment);

Forward Command

Please follow this link to get your name into our roster:

[Ham Radio Marathon Communication Team Sign up Form](#)

Feel free to reach out to me if you have any questions

Rob Orr

K9RST

robpro@mac.com

847-400-4694

Cantigny 5k Run

DuPage ARES has once again been requested to provide communications support for the Cantigny 5k Run, which will take place on Saturday, October 19, 2024. This is a short event, beginning at 9:00 AM and expected to conclude around 11:30 AM. Volunteers will need to be at Cantigny at 7:00am.

DuPage ARES is looking for 12-14 volunteers to assist with communications. Bill Retzner will be the Incident Commander (IC) for this event. DuPage ARES will be working on the Incident Action Plan (IAP) and will provide further details soon.

If you are available to assist, please fill out the volunteer form using the link **<https://forms.gle/hgq28weiw2K1CyeEA>**

Your help is greatly appreciated!

Also, just FYI DuPage ARES has an event the same day at CSRA in Westchester, the DuPage ARES communications trailer will be there, DuPage ARES will be helping scouts earn their radio merit badge, DuPage ARES will need 2-3 people for this as well. This event runs from 8am to 1pm. Thank you for your support!

Best regards,

Thomas Sarlitto

Emergency Coordinator

DuPage County ARES



If you can assist please use the Google form above, for more information please reach out to Tom, KD9JSA, via email at **admin@dupageares.org**.



100 Year Celebration

Banquet







And That's A Wrap !!



October Brings us:



Looking for those who are willing to serve as Club Officers and Directors



REPEATER FUND





The City of Lights Chapter of Ten-Ten International was started on Monday (CST), November 8, 1976 by members of the Aurora, Illinois, USA local ham radio club, The Fox River Radio League (FRRL). Aurora Illinois claimed to be the first city to have electric street lights, which led to its slogan and our chapter name, "The City of Lights." The Monday night nets have continued in an unbroken string to date.

This Monday evening September 30, 2024 at 8:00 PM and 8:30 PM, the City of Lights net will conduct its 2500th consecutive CW and SSB weekly net on 28.150MHz and 28.720MHz respectively.

You do not have to be a member of Ten-Ten International or City of Lights to check into the net. All radio amateurs are welcome!

For more information about the City of Lights net, here is the link to the website where you will find more information about City of Lights and the net protocol.

<https://col10x.org/>

Please join us on Monday to celebrate this achievement!

73' Dean KC9EOQ (Net Control)

BTW, 2500 Monday nights equals approximately 48 years, one month!





COMING SOON!



PreciseRF HG3 GR0-8 Stepper Magnetic Loop Antenna – reviewed in May 2024 QST

2024 ARRL ONLINE AUCTION OCTOBER 18-24

PREVIEW AND REGISTRATION
BEGINS OCTOBER 16



RigExpert Shackmaster Power 500 – reviewed in May 2024 QST



ACOM 5005 W0-4 Meter Linear Amp – reviewed in April 2024 QST

The 2024 ARRL Online Auction features unique vintage items, new gear, Product Review items, and more.

New items are being added every day!

Proceeds benefit ARRL education programs and projects.

www.arrl.org/auction





I received notice this week that there is an opportunity for an IEMA-OHS/CISA taught AuxComm class to be held here in Northeastern Illinois between now and April. In order to secure a class there needs to be a minimum of 15 confirmed students once the class dates are announced, right now we are trying to see how many students might be interested in taking the CISA AuxComm course.

We do ask that if you take the course you complete the requirements for taskbook completion and be state recognized.

The taskbook can be found at <https://www.cisa.gov/sites/default/files/publications/CISA%2520AUXCOMM%2520PTB%2520-%252012162020%2520-%2520508.pdf>.

Please let me know if you are interested ASAP.

Kane County ARES is looking for members

Please visit <http://kanecountyares.org/> for more information





How to Order CLUB BADGES

Image Awards
1031 E State Street
Geneva, Illinois

5% fee for Credit Cards



Order by Email to;

ImageAwards@SBCglobal.net

Ask for the FRRL Name Badge and provide Name and Callsign

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.

**PAY OR RENEW
MEMBERSHIP DUES
OR
REPEATER DONATION
[ON LINE HERE](#)**



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

**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 Wednesday of the month

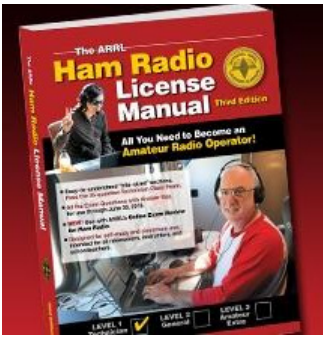


Wednesday
1900 hrs (7:00pm) local time
223.860 110.9kHz PL -1.6Mhz
Except for the 2nd Wednesday of the month.

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.



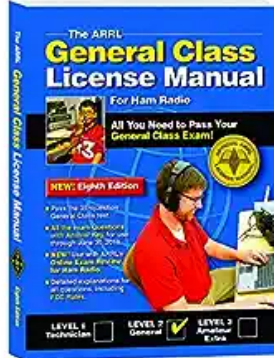


Technician Class
Wednesday Evenings
6:30 P.M. to 9:30 P.M.

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.

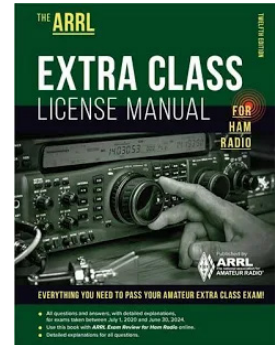
Start: TBD
End:

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

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 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:

November 21, 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 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.



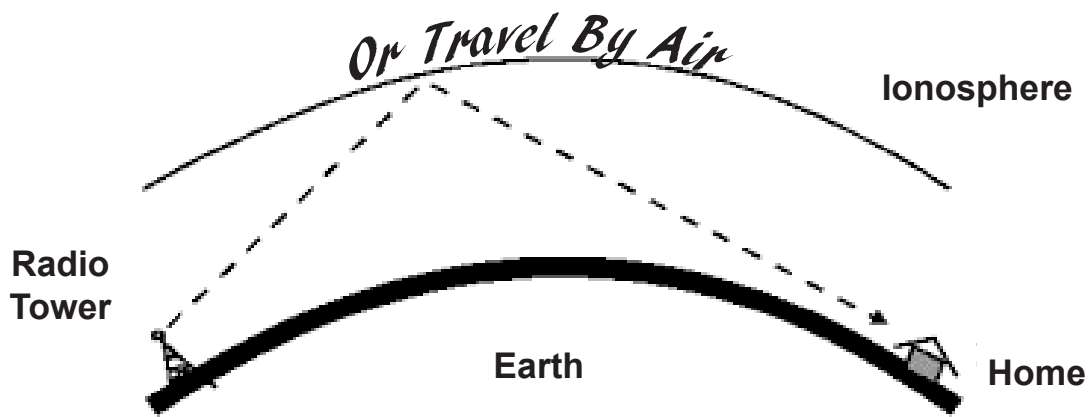


Out N About



October 18 - 20 | [Pacificon](#), ARRL Pacific Division Convention, San Ramon, California

PACIFICONSM 2024
ARRL Pacific Division Ham Radio Convention
Produced by the Mount Diablo Amateur Radio Club





Ham Fests

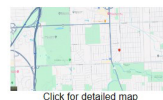


Presents

SWAP MEET & 100 Year Celebration



October 19, 2024
Westchester Community Church
1840 Westchester Boulevard
Westchester, IL
8:00am until 2:00pm



Talk in on the SARA
Repeater at 146.880
Negative Offset
PL 107.2

TICKETS:
\$8.00 in advance
\$10.00 at the door

50/50 Split the Pot
Door Prizes Every Hour
Grand Prize
(need not be present to win)

Ham Radio Demonstration
Boy Scouts Troop 73
Radio Merit Badge



**Special Events Station
W9SW/100 Operating all day
Special QSL Card**



Doors open for table setup at 6:00 am

[CLICK HERE FOR CSRA FLYER](#)

ARRL Contests Update



Please go to: <http://www.arrl.org/contest-update-issues?issue=2023-09-27>



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](#)

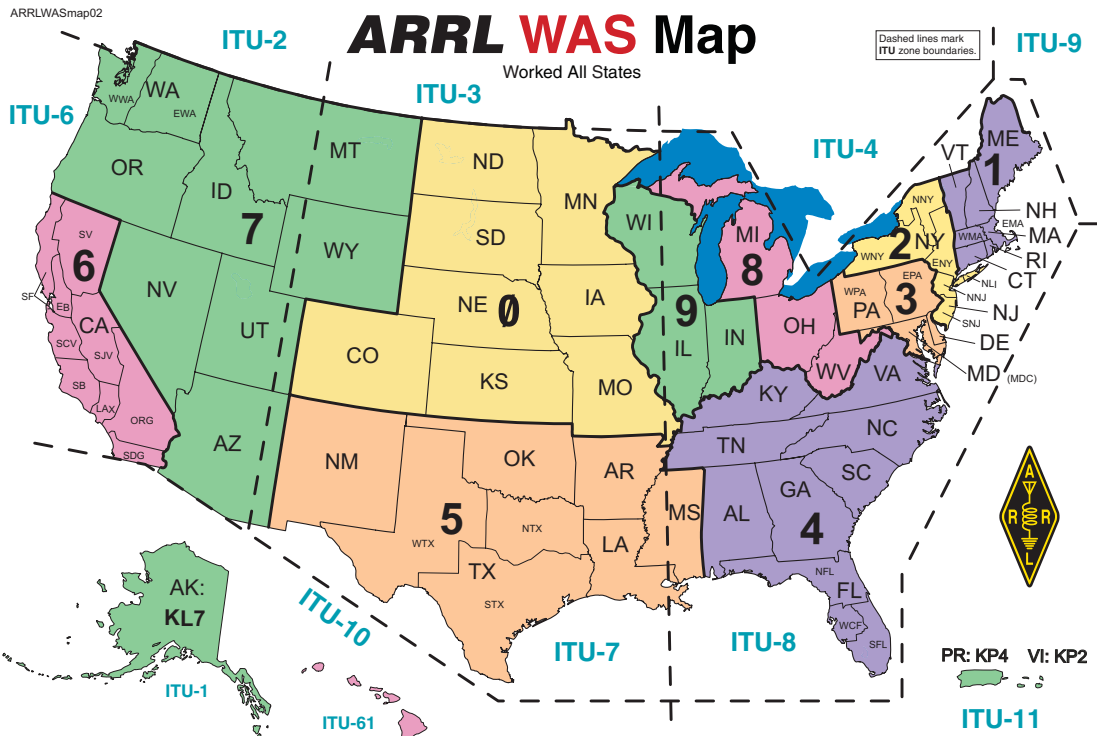
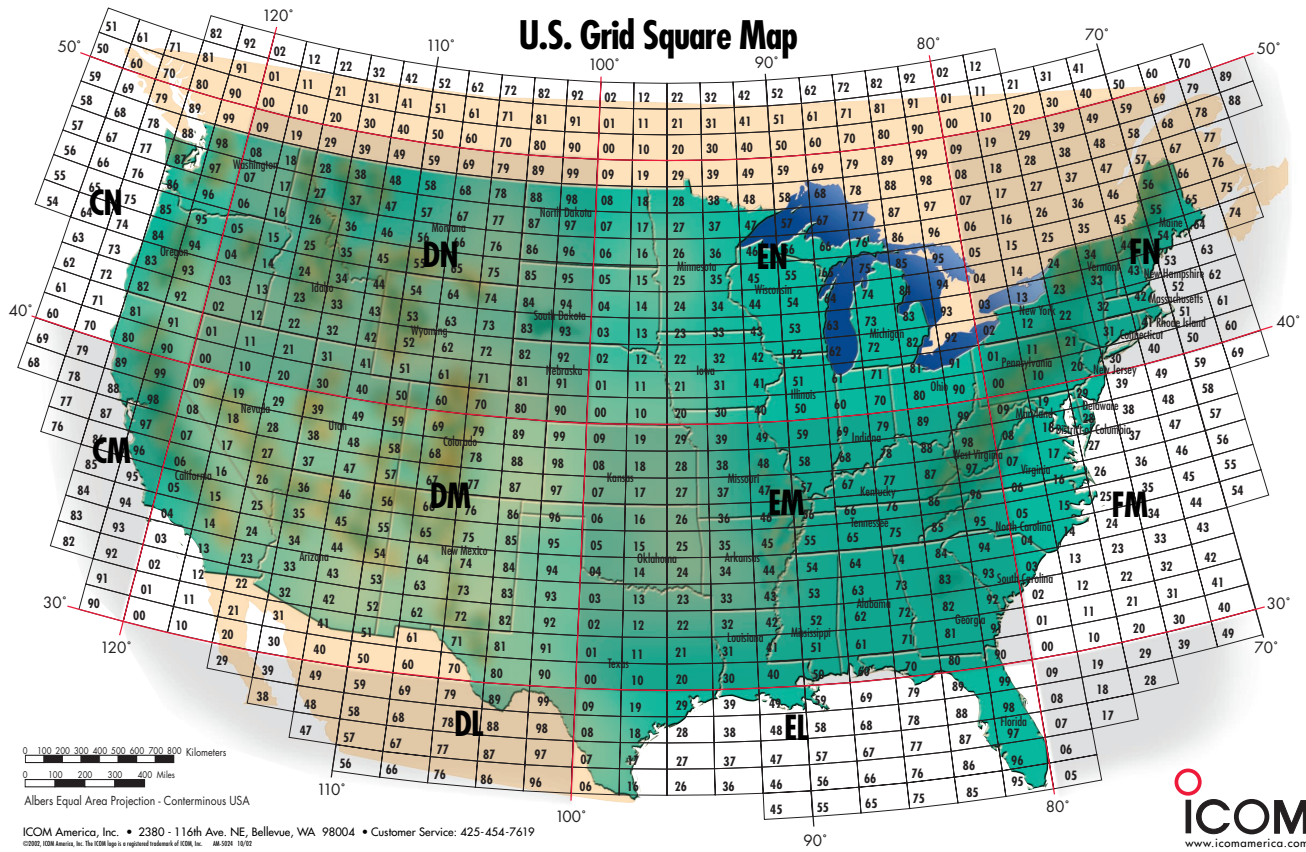


Kane County ARES

Information

[Click Here](#)





ARRL The national association for
AMATEUR RADIO

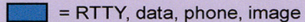
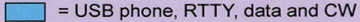
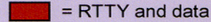
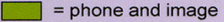
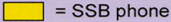
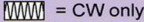
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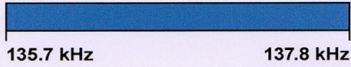
US Amateur Radio Bands

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

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

LF – Low Frequency band

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

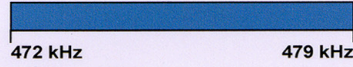


Amateurs wishing to operate on **2200 or 630 meters** must first register with the Utilities Technology Council online at <https://utc.org/plc-database-amateur-notification-process/>. You need only register once for each band.

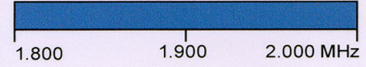
MF – Medium Frequency bands

630 Meters (472 kHz) E,A,G

5 WEIRP max, except in Alaska within 496 miles of Russia where the limit is 1 WEIRP

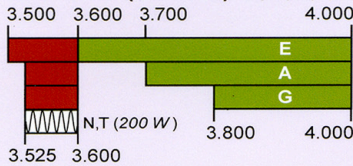


160 Meters (1.8 MHz) E,A,G

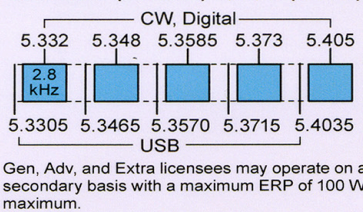


HF – High Frequency bands

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

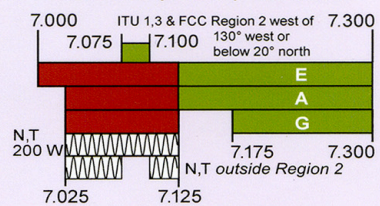


60 Meters (5.3 MHz) E, A, G (100 W)

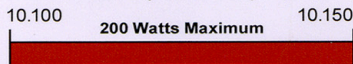


Gen, Adv, and Extra licensees may operate on a secondary basis with a maximum ERP of 100 W maximum.

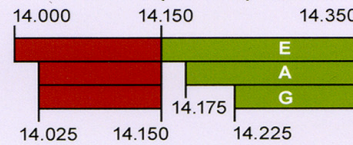
40 Meters (7 MHz) E,A,G,T,N



30 Meters (10.1 MHz) E,A,G



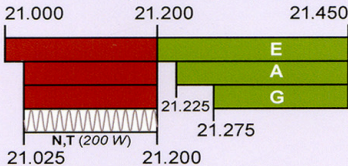
20 Meters (14 MHz) E,A,G



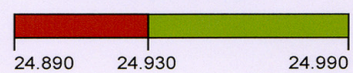
17 Meters (18 MHz) E,A,G



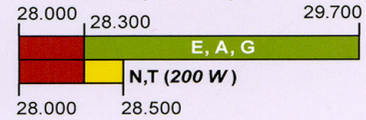
15 Meters (21 MHz) E,A,G,T,N



12 Meters (24 MHz) E,A,G

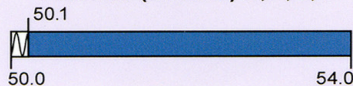


10 Meters (28 MHz) E,A,G,T,N

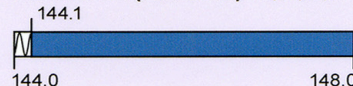


VHF – Very High Frequency bands

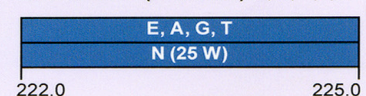
6 Meters (50 MHz) E,A,G,T



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

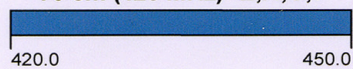


1.25 Meters (222 MHz) E,A,G,T,N

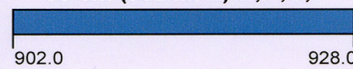


UHF – Ultra High Frequency bands

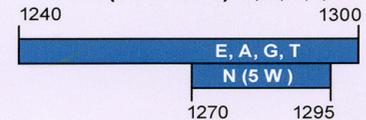
70 cm (420 MHz) E,A,G,T



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

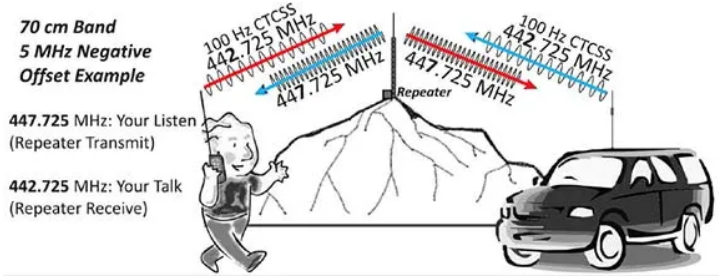
All licensees except Novices are authorized all modes on the following frequencies:

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 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

