



# ARCOVER

February 2026



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

1924  2026

## Who We Are

**President:**  
Patrick Brod K9ANL

**Vice President:**  
Dan Nolan WA9FRY

**Secretary:**  
Art Shuter NN9I

**Treasurer:**  
Dan Harmon WA9YKK

**Director :1**  
Greg Copeland WB0OET

**Director: 2**  
Denny Barfus W9HL

**Director 3**  
Paul Mitchell KC9SEB

**Director 4**  
John Greusel KC9OJV

**Past President:**  
Kermit Carlson W9XA

**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](mailto:info@frrl.org)  
Website: <http://www.frrl.org>





— From —  
*the mic*  
of...

FRRL President



*Patrick Brod*



Hello and Happy New Year from your new FRRL President, Patrick Brod – K9ANL. I would like to begin by thanking Kermit Carlson – W9XA, for his time as president of the organization. His leadership, knowledge of electrical engineering, and vast radio experience have been greatly appreciated by all during his term as president.

Rolling into the second month of 2026, I've been busy acclimating myself with various aspects of FRRL, beyond my prior Director's position. I would like to welcome Denny Barfuss – W9HI as Director 2 and Greg Copeland – WB0OET as Director 1.

Some of my high-level goals as president are:

- Evaluate the FRRL income to expenditures and make necessary adjustments for improvements.
- Promote more involvement with field activities for FRRL membership enrichment.
- Provide better communication via website and newsletter.
- Expand FRRL's prominence across the Chicago Metro Ham Radio Community and continue to build its reputation as a premier ham radio club.

After our upcoming February FRRL Membership meeting, Kermit – W9XA, will be presenting a program on Noise Figure and Gain. Please stay for this insightful program to gain a better understanding between receiver Noise Figure and Gain found within all radio equipment.

I've also begun working with our Program Leader Paul Mitchell – KC9SEB, and Education Leader Dan Nolan – WA9FRY, to prioritize an emphasis on Amateur Radio fundamentals. We will be sending out a survey asking FRRL members what type of programs and activities individuals would like to learn. From the survey results, we will organize ham radio topics into field activities. This is intended to create more hands-on involvement for the FRRL membership for 2026. Please plan to complete this survey.

The FRRL website is being renovated by Mark Van Daele – K9MEV, our webmaster. Our objective is to make our website more efficient to use and appeal more to users. We will be providing regular updates as we launch the new website.

The ARRL is launching a year-long celebration on radio clubs called "Year of the Club." ARRL affiliated clubs are invited to participate in special programs, operating events, and recognition opportunities designed to celebrate club accomplishments and inspire new ham radio ideas. FRRL will begin evaluating and potentially submitting examples.

As a reminder, if you haven't renewed your FRRL membership, please do so. The renewal grace period is from October of last year to this month. Membership dues help our 2026 budget to plan for ARRL Field Day, ARRL Illinois QSO Party, and other monthly expenses.

**Patrick Brod K9ANL**





# ARC OVER

## FOX RIVER RADIO LEAGUE MEMBERSHIP MEETING MINUTES January 13, 2026

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

**There are no meeting minutes for the January 2026 meeting / Pizza Party**



Incoming President Patrick Brod	Outgoing President Kermit Carlson	Past President Terry Todd
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Handing Over the "Briefcase"



A peaceful transition of Power



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



# February 2026

## Fox River Radio League

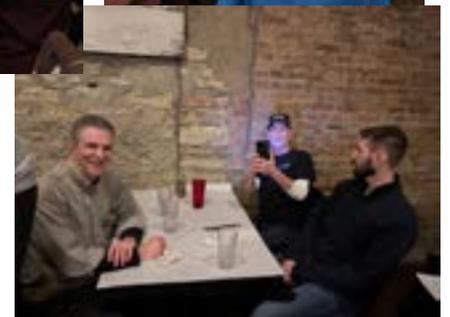
W9CEQ

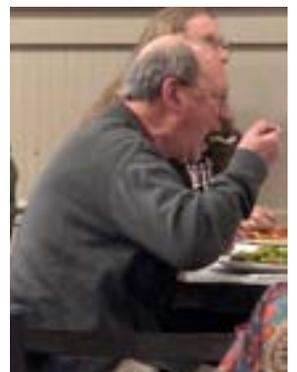
# ARC OVER

**NEWS AND INFORMATION CENTER**

***Local - National - International***

**Pictures from the January 2026 Member Meeting / Pizza Party**





# International Women's Day YL POTA PARTY, March 8, 2026



International Women's Day YL POTA PARTY: Celebrate Women in Ham Radio!

Join us on March 8th for a special International Women's Day YL POTA PARTY! This event is open to all female amateur radio operators and enthusiasts, regardless of POTA experience.

## What to expect:

Activate a park during the 24-hour event window. Submit your POTA activations and share your experiences with other participants. Connect with other YLs from around the world. Share stories, tips, and support.

Learn more about POTA and how to get involved.

## Why participate?

Celebrate the achievements of women in ham radio.

Connect with other YLs and build a supportive community.

Have fun and enjoy the POTA hobby.

## How to participate:

Activate a park during the 24-hour event window

Submit your POTA activations to the POTA database.

Share your experiences and photos on social media using the hashtag #YL\_POTA\_Party.

We encourage you to wear pink and/or decorate your station to show your support for International Women's Day!

Spread the word and invite your friends to join the party!

Together, we can make this a memorable event for all YLs in ham radio!

## Here are some additional details about the event:

Date: March 8th, 2024

Location: Any POTA park (or hunt POTA from home!)

Frequency: Any amateur radio frequency within your license class

Hashtag: #YL\_POTA\_Party

We look forward to hearing you on the air!

Note: This event is not sponsored by the Parks On The Air Foundation.

[ARRL](http://www.arrrl.org)



# 100, 50, and 25 Years Ago

## February 1926

- The cover, by Clyde Darr, 8ZZ, depicts a ham with his radio and an umbrella in a wooden watchtower overlooking a town on the sea, a visual representation of Dr. Greenleaf W. Pickard's Seabrook Beach analyzer station.
- In "Battery Substitutes," Robert S. Kruse, 1QA, tests several different alternatives to batteries, focusing on economy, convenience, and superior performance as the three key factors in making one worth substituting for a dry B battery.
- "Receiving Conditions in England" provides a transcript of W. M. Bakewell's, 68UZ, speech at the third National A.R.R.L. Convention about the state of radio in England at the time.
- The last "Calls Heard" article runs in this issue, as the editors state that, with the proliferation of international communication and QSL cards, it has "ceased to serve a useful purpose."
- Chauncy Hoover, 9AMU, walks readers through his construction of a method for "Filtering The Synchronous Rectifier."
- In "Calibrating Your Wavemeter From a Quartz Crystal," Assistant Technical Editor John M. Clayton, 1DQ, writes a guide on calibrating a new coil from the quartz standard.

Calendar - February 1926

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28						

## February 1976

- The cover shows an LED display of the numbers 1976, relating to a project in "Learning to Work with Integrated Circuits, Part 2."
- "Operation Vietnamese Refugee" by George Hart, W1NJM, details efforts by a group of amateur radio users to coordinate communications across several different refugee camps for those fleeing the dissolution of South Vietnam.
- Howard M. Berlin, K3NEZ, explains the science behind electricity and what you should do to keep safe in "Danger Lurks!"
- "To the Moon and Back" by William A. Tynan, W3KMY, recaps tests done using a 150-foot parabolic dish at the Stanford Research Institute to contact a total of 64 different 70-cm stations on 432 MHz.
- In "UHF Antenna Ratiometry," Richard T. Knadle, Jr., K2RIW, writes that ratiometry, the simultaneous comparison of signal strengths observed with a reference antenna and the antenna under test, will help solve the issue of inconsistent results in checking antenna gain.
- "Telecom '75" includes a paper presented by George Jacobs, W3ASK, and Richard L. Baldwin, W1RU, at the World Telecommunication Forum in Geneva in October 1975. The authors present a history of the Amateur Radio Service, its contributions to society, and hopes and concerns for the future.

Calendar - February 1976

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29						

## February 2001

- The cover shows the FO0AAA crew on a DXpedition to Clipperton Island in the Pacific Ocean.
- In "It Seems To Us..." David Sumner, K1ZZ, extols the benefits of ARRL membership beyond QST, including their legislative efforts and the work of the ARRL Lab.
- In "Tales of Sails," Donald Stark, N3HOW, and Peter Sturdivant, N1PS, describe the ham involvement in OpSail 2000, a tour of ships and sailboats across seven East Coast port cities.
- "So People Still Do That?" by William J. Newman, K0NSA, and Mary Joseph, N0TRK, details local outreach efforts by the Ak-Sar-Ben Amateur Radio Club from Omaha, Nebraska. The club set up a display at the local movie theater as a tie-in with the release of *Frequency*.
- "Radio Camp 2000 — Texas Style" by Barry A. Goldblatt, WA5KXX, details a program put together by some Texas hams, teachers, a local radio club, area corporations, and community volunteers called Tech Camp 2000 that taught middle school students RF technology.
- Al Alvareztorres, AA1DO, provides step-by-step instructions for "An HF Mobile Installation." He installed a Yaesu FT-900 into a 1994 Subaru Wagon.

Calendar - February 2001

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28			

From QST



# 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](mailto: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

What hazard is created by touching an antenna during a transmission?

- A. Electrocutation
- B. RF burn to skin
- C. Radiation poisoning
- D. All these choices are correct



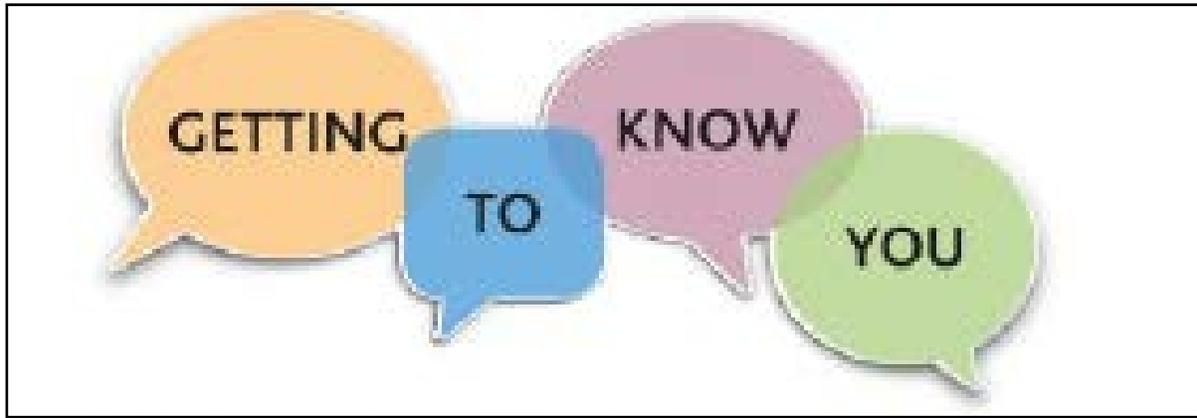
Question 2

Which of the following actions can reduce exposure to RF radiation?

- A. Relocate antennas
- B. Relocate the transmitter
- C. Increase the duty cycle
- D. All these choices are correct



Answers On  
Last Page



1. Your Name: **Kermit Carlson**
2. Your Callsign: **W9XA**
3. Your License Classification: **Extra**
4. How long have you been a ham: **55 years**
5. What interests you most about amateur radio: **VHF/UHF/Microwave, DX'ing, Contesting, working 630 Meters and experimenting. Home-brew construction - surface mount, antennas, etc.!**
6. What modes do you operate: **CW, FT8, phone**
7. What is your most memorable QSO: **working VK4BRG on Six meter phone, in 1985 with 10 watts, before my newly made six meter kilowatt timed "ready" on the filament delay.**
8. How long have you been a member of the FRRL: **Since 1973**
9. What is one piece of advise you would offer a new ham: **put up a dipole antenna, somehow**



Enjoying the 10GHz and up Contest on the shore of Lake Michigan...in 2024

- 
1. Your Name: **Patrick Brod**
  2. Your Callsign: **K9ANL**
  3. Your License Classification: **Extra**
  4. How long have you been a ham: **29 years**
  5. What interests you most about amateur radio: **Fundamentals of radio (e.g., Antennas, talking a variety of radio bands - SSB, AM, FM, DMR, P25, learning about new activities)**
  6. What modes do you operate: **See prior response**
  7. What is your most memorable QSO: **Making contacts to other countries when various bands open up. Can't say I've had one that stands out from the rest of those.**
  8. How long have you been a member of the FRRL: **Six years, I think.**
  9. What is one piece of advise you would offer a new ham: **Listen to QSOs before transmitting. You can learn a lot on how various hams make contact and how they converse with each other. Not all bands communicate the same way.**
  10. What do you like to do outside of ham radio: **Play as guitarist in cover rock band. I'm closet guitar gear-head.**





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



**Advertise Here**

To advertise email: [NEWSLETTER@FRRL.ORG](mailto:NEWSLETTER@FRRL.ORG)



Going to sell off a couple of my Radio stuff.

1. Xiegu GSOC for the G90

a. Complete with box and Manuals, all cables and a couple of Stands for it, Used twice, in perfect working order just not what I was looking for.

b. Selling it for \$325.00 (Current retail is \$420.00)

2. MFJ 993B Auto Tuner, Got this for my first HF radio (Icom 756Pro II) loved it and it worked every time!, Radio was sold to a new Tech and he did not want the tuner.

a. I do not have the box or the paper manuals for the tuner, I do have the Wiring for it.

b. Paid a little over \$300 of it so will let it go for \$250



By: Rob Potthoff

Contact email click [HERE](#)

I am looking for a 2 meter Only mobile (not HT) radio must be at least 50watts but would like higher if possible.

If you have one please let me know, this is for a EmComm project.



Rob Potthoff



One of our members just received his IC7300Mk2 and is selling his 18 month old Icom IC7300. Lightly used and was never run in digital mode.

Looking for \$700 and I will bring the radio to you. The owner is KN9J Rob, I am just handling the sale. Original box, mic, power cord with power poles.

Thanks for considering.

73 de K9FE Mike

Click [Here](#) to contact Mike



Picture is not of the actual radio that is for sale



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..

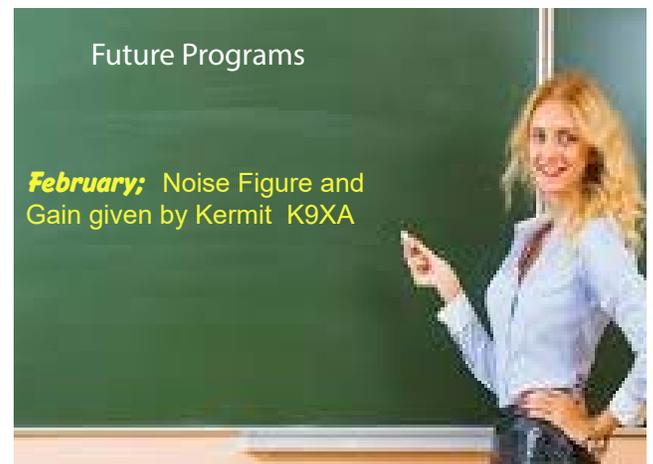


A very nice glass to have on hand to celebrate  
**Valentines day !!**



100th Anniversary Celebration Banquet  
Photos - Sept 10, 2024

[Click 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.





**W9CEQ**  
**Radio Nets**



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

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

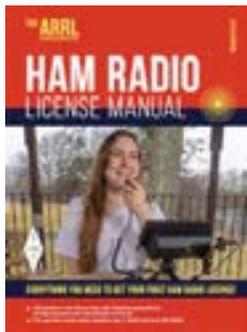


Join us Tuesday Evenings  
(Except for the 2nd Tuesday of the month)  
1930 (7:30 pm) local time  
147.21 103.5PL +600  
All new, or experienced operators are welcome



Join us on Wednesdays for the FRRL 1.25 meter net  
1930 hrs (7:30pm) local time  
223.860 110.9kHz PL -1.6Mhz  
All new and experienced ham operators are welcome.

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



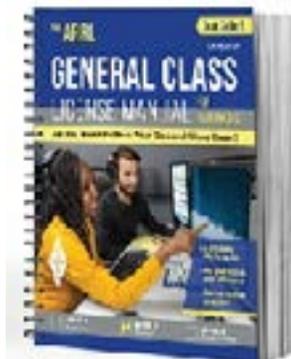
### Technician Class

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

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



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



### General Class

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

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

EXTRA classes are held in person at:

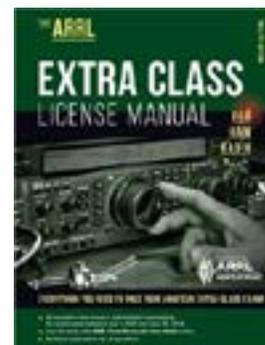


113 Oak St, North Aurora, IL 60542

### 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](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 odd month. Ad-hoc sessions are planned during major events and will be added to the schedule here as well.

Upcoming Testing Schedule for **2026**

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



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

Please also be sure to bring:

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

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

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





For Ham Fests or Volunteering oportunities please see:

**AMATEUR RADIO EVENTS**  
*THE HAM RADIO COMMUNITY IN ACTION!*

HAMFEST AND SWAPMEET EVENTS	PUBLIC SERVICE EVENTS	TEST PREPARATION EVENTS	TESTING EVENTS	SCOUTING EVENTS	PORTABLE OPERATIONS & POTA EVENTS	CLUBS & NET EVENTS
FOX HUNTING EVENTS	ARRL FIELD DAY	AMATEUR RADIO HISTORY EVENTS				

<https://www.amateurradioevents.com/>

or

[ARRL.ORG](http://ARRL.ORG)

# The Radio Amateur's Code

The Radio Amateur is...

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

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

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

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

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

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

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

☒ John Devoldere 0N4UN and Mark Demeuleneere 0N4WW

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

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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](#)



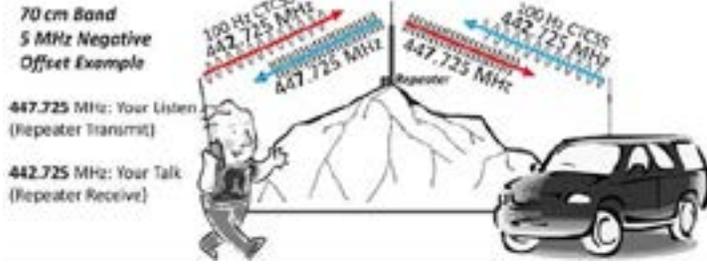
**Kane County ARES**

Kane County ARES  
Information

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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/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

**Question 1 B**

**Question 2 A**