



ARC OVER

JUNE 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

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





— From —
the mic
 of....

FRRL President



Patrick Brod



Summertime is here and it is time to start preparing your ham shack radio projects. That's right, we have only four months before the cool weather is upon us. Now is the time to fix, build or change your ham shack and/or antenna system(s). Summer is also the time to make plans to operate at a nearby park or backyard to make HF contacts and gain more radio setup and operator experience. Let's get busy making plans to have fun. If you need help, please reach out to an Elmer.

Also, let's not forget that this month is ARRL Field Day, Saturday and Sunday June 27th and 28th. As a club, we will be checking and double-checking our preparations for Field Day. The Field Day committee is looking for people to lend a hand to our Band Captains to help with set-up or making contacts, while learning more about HF radio stations' configurations.

Come July, the FRRL Board will continue the discussion for a much needed membership dues increase. As explained in our May Membership meeting, our expenses continue to increase while our dues have remained the same for over ten years. We've managed to make-up the expense differences through creative means, but these means are not predictable. Please try to attend our July and August membership meetings to join in on this important discussion and vote on an agreeable increase.

I hope everyone has a wonderful June and see you all at the membership meeting.

73s... Patrick



PRESIDENT BROD WELCOMES OUR NEW MEMBERS !!

CALL SIGN	NAME	LICENSE CLASS
K9MJW	Michael Wiltse	General
KE9FEV	William Helgeson	General
N8PIC	Nathaniel Pichler	Amateur Extra
No Call	Theodore Woodcox	N/A
No Call	Dorian Woodcox	N/A
No Call	Abraham Woodcox	N/A





ARC OVER

FOX RIVER RADIO LEAGUE MEMBERSHIP MEETING MINUTES MAY12, 2026

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

Meeting Minutes May 12, 2026

The May meeting of the Fox River Radio League was conducted at Bethany Lutheran Church in Batavia, IL. There were 50 in attendance and 7 members attended via Zoom.

The meeting was called to order at 7:30 CDT by President Pat at 7:30pm CST.

Board members present:

- President- Pat Brod K9ANL
- Vice President – Dan Nolan WA9FRY
- Treasurer - Dan Harmon WA9YKK
- Secretary - Art Shuter NN9I
- Director - Denny Barfuss W9HI (Absent)
- Director - Paul Mitchell KC9SEB a
- Director - John Greusel KC9OJV
- Director - Greg Copeland WB0OET
- Past president – Kermit Carlson W9XA

Call to Order/Pledge of Allegiance

Approve meeting Agenda – Ron N9MCC moved a motion with 2nd by Danny K9WDW. Motion passed.

Approve April Minutes – Kirk K9MSG moved a motion with 2nd by Robert W9DSR. Motion passed.

Membership introductions:

Reports:

- Treasurer's Report Dan WA9YKK: Dan reported the bank balances as of May 12, 2026.
- Program Leader – Paul KC9SEB – Program tonight is about logging and next month the program will be about Field Day.
- Membership Database – Curt W9YNP- We now have 169 members.
- Technical – John KC9OJV – Fox hunt on May 24th starting at 12pm at Johnson's Mound Forest Preserve, Elburn, IL. Let John know if you are planning to attend.



Reports continued:

- Education & Club Equipment – Dan WA9FRY – Dan announced that tubes are available for sale at a reasonable price.
- Field Day – Pat K9ANL & Greg WB0OET – Meet at Mooseheart on Friday June 26, about 12pm to help setup. We need volunteers to help with this.

Old Business -

- Makerspace St. Charles – Dan WA9FRY – available for projects.

New Business:

- National Night out August 4th -
- Fox Hunting Activity May 24th
- Next VE Session May 21st.
- Membership Dues Discussion – Pat introduced a discussion about the need to raise club dues. An open discussion followed.
- Newsletter deadline: May 20

Adjournment: Motion moved by Dean KC9EOQ with 2nd by Mike K9FE The meeting was adjourned at 8:35 CDT.

Respectfully submitted,

Art Shuter NN9I

FRRL Secretary



Paul showing off his VHF
Contest Award



May Membership
Meeting
Pictures



SUNDAY	MONDAY 1	TUESDAY 2	WEDNESDAY 3	THURSDAY 4	FRIDAY 5	SATURDAY 6
	CW NET 28.150 2000  SSB NET 28.720 2030	1830 FRRL BOD Mtg 1930 FRRL 2M NET	1930 FRRL220 Net 223.86 - 110.9			D-Day 1944
7 1900 ALL OPR NET	8 CW NET 28.150 2000  SSB NET 28.720 2030	9 1930 Mbr Mtg No Net	10 1930 FRRL220 Net 223.86 - 110.9	11	12	13
14 1900 ALL OPR NET Flag Day	15 CW NET 28.150 2000  SSB NET 28.720 2030	16 1930 FRRL 2M NET	17 1930 FRRL220 Net 223.86 - 110.9	18	19 JUNETEENTH	20 NEWSLETTER DEADLINE
21 1900 ALL OPR NET Father's Day	22 CW NET 28.150 2000  SSB NET 28.720 2030	23 1930 FRRL 2M NET	24 1930 FRRL220 Net 223.86 - 110.9	25	26	27 FIELD DAY
28 1900 ALL OPR NET FIELD DAY	29	30 1930 FRRL 2M NET				
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 	N IL AUXCOMM NET 2M NET 7:00 145.23 -6 107.2 	MEMBER MEETING BETHANY LUTHERAN CHURCH 8 SOUTH LINCOLN ST. BATAVIA IL	



JUNE 2026
Fox River Radio League

W9CEQ





NEWS AND INFORMATION CENTER

Local - National - International

2026 Vacuum Tube Inventory - all tested as of 4/14/2026																	
TUBE	VG	OK	TUBE	VG	OK	TUBE	VG	OK	TUBE	VG	OK	TUBE	VG	OK	TUBE	VG	OK
OB2			6AU6			6CB6			6JS6C			6V8			12J5		
OB2			6AV6			6CB6			6JS6C			12AT7			12Q7		
OC3A			6AV6			6CB6			6JS6C			12AT7			12SA7		
1S4			6AV6			6CB6			6JS6C			12AT7			12SA7		
1S4			6AV6			6CL6			6JS6C			12AT7			12SA7		
5Y3GT			6AV6A			6CL6			6JS6C			12AU7			12SA7		
5Y3GT			6AW8			6CL6			6K6GT			12AU7			12SG7		
5Y3GT			6AW8A			6CL6			6K6GT			12AU7			12SK7		
6146			6AZ8		X	6CX8			6K6GT			12AU7		X	12SQ7		
6146			6AZ8			6CX8			6LQ6			12AU7			12SQ7		
6146			6BA6			6DC6			6LQ6			12AU7			12SQ7		
6146		X	6BA6			6DC6			6LQ6			12AV6			25W6		
6146		X	6BA6			6DE7			6LQ6			12AV7			25Z6		
6146A			6BE6			6DQ5			6SA7			12AX7			35Z5		
6146A			6BE6			6DQ5			6SC7			12AX7			35Z5		
6146A			6BF5			6DQ5			6SH8			12AX7			35Z5GT		
6146B			6BF5			6DQ6B			6SK7		X	12AX7			50L6		
6146B			6BH6			6EA8		X	6SK7		X	12AX7			50L6GT		
6146B			6BH8			6EA8			6SK7			12AX7			8298		
6146B			6BV8			6EA8			6SK7			12AX7			8298		
6146B			6BW8			6EA8			6SN7		X	12BA6					
6146B			6BY6			6EA8			6SN7			12BA6					
6AC7			6BY6			6EA8			6T8			12BA6					
6AG7			6BZ6			6GK6			6T8			12BE6					
6AL5			6BZ6			6GK6			6U8			12BE6					
6AL5			6C4		X	6GW6			6U8A			12BY7					
6AQ5			6C4			6HS8			6U8A			12BY7					
6AQ5			6C4			6JH8		X	6U8A			12BY7A					
6AT6						6JS6						12BY7A					
						6JS6						12BY7A					

Unable to test - (6) 807, (2) 0A2, (1) 0B2

Following up on what I discussed at last night's club meeting, attached you will find a list of all the tubes that have been in the FRRL storage locker. All have tested good. We are offering these to the membership on a first come first served basis. Some tubes such as 6146 and 6JS6 (used in final amplifiers) are becoming rare, so I ask that you only ask for these if you have a rig that needs them. Let's not grab up tubes for resale.

Email me directly at WA9FRY@gmail.com with your request and I will set them aside for you and bring to the May club meeting. An appropriate donation to the club is always appreciated.

73's

Dan WA9FRY



I accidentally came across this WA7BNM contest calendar site and thought it was pretty neat..

Give it a look..

<https://www.contestcalendar.com/index.php>



8-Day Calendar

Lists details for each contest during an 8-day period, starting with yesterday.

5-Week Calendar

Lists the names and dates for each contest for the current week (Monday thru Sunday) plus an additional four weeks. Weekly contests are listed in a separate section.

12-Month Calendar

Lists the names and dates for each contest for a 12-month period starting with the month immediately previous to the current month. Versions of this calendar for specific modes or QRP power are available by using the selector at the top of the page. Due to the difficulty obtaining accurate contest information, as much as 12 months in advance, not all contests may appear for later months.

Perpetual Calendar

Lists the names and dates for each contest during a selectable future calendar year that can be accurately predicted in advance.

State QSO Parties

Lists the names and dates for each contest focused on a single state or group of states in the current calendar year

Log Due Dates

Lists due dates and log submission information for recent contests

Historical Calendar

Lists the names and dates for all contests during a selectable past calendar year as far back as 2005.

Alphabetical Calendar

Lists both active and inactive contests in alphabetical order.

Calendar Customization

Enables you to select for display only those contests that you are interested in. Calendars affected by this customization provide you with the means to easily toggle between your custom list and the full calendar.

Weekly E-mailed Calendar

Provides a weekly e-mail of each contest and its details for an 8-day period (Monday through Monday), as well as a list of contests scheduled for the next week and a list of log submission information for recent contests. A sample is available. To subscribe to this service, send an e-mail to Bruce, WA7BNM.

RSS Feed

Wherever you see the RSS icon, the content of that calendar is available as an RSS feed. Click on the icon to access the feed.

iCal Format

Wherever you see the iCal icon, the content of that calendar is available in iCal/vCal format. Click on the icon to download to your Microsoft Outlook or Apple iCal desktop calendars.

Google Calendar

Wherever you see the Google Calendar icon, click on it to access the WA7BNM Contest Calendar on Google Calendar. It lists contests for the current and following month.



Calling All Hams: Why FRRL Needs You for Field Day 2026!



By: The FRRL 2026 Field Day Committee

Field Day is more than just a contest; it is the ultimate "Open House" for amateur radio and the highlight of our club's year. Held every fourth full weekend in June—this year falling on **June 27–28, 2026**—it is our primary opportunity to showcase emergency preparedness, technical skill, and community spirit. To make this massive operation at Moosehart a success, we need a dedicated crew of volunteers. Whether you've been licensed for 40 years or 40 days, there is a vital role for you.

Why Should You Volunteer?

- **Hone Your Skills:** There is no better place to learn how to set up antennas, troubleshoot equipment in the field, or master new modes like CW and digital under simulated emergency conditions.
- **Be an "Elmer":** Experienced operators are needed to mentor newer hams at our **Get On The Air (GOTA)** station, helping them make their very first HF contacts.
- **Public Outreach:** Help us man the Public Information Table to explain the magic of ham radio to visitors. You are the face of the hobby.
- **Socialize and Support:** Beyond the radios, Field Day is a social event. We need help with setup on Friday, teardown on Sunday, and—crucially—keeping the crew fed and hydrated.

We Need You In These Key Areas:

1. **Friday Setup Crew:** Meet at the Storge Locker around 12 on Friday 2/26 to load up. Sign-up sheets are at the club meetings or you may send an email to field-day@frrl.org.
2. **On-Site Set-up:** At the site Band Captains will need help hoisting antennas and assembling stations. Sign up sheets are at the club meetings or you may send an email to field-day@frrl.org.
3. **Event Tent Set-up:** We need help to set up chairs and tables, as well a string lights and hanging tarps and banners. Sign-up sheets are at the club meetings or you may send an email to field-day@frrl.org.
4. **Beverage, Ice and Sunday Breakfast Shoppers:** This person(s) will take a pre-made shopping list to the Walmart on Randell Rd. and purchase items on the list. Dan Harmon, FRRL Treasurer will accompany to pay for the supplies. Additional ice runs may be necessary as needed. We will also need a person to pick up the pre-paid breakfast sandwiches at White Castle early Sunday morning. They need to be on site at 7AM. Sign-up sheets are at the club meetings or you may send an email to field-day@frrl.org.
5. **Relief Operators:** We aim for 24 hours of continuous operation. We need fresh voices and ears for those late-night and early-morning shifts. Contact a Band Captain or you may send an email to field-day@frrl.org.
6. **Public Information Officers:** Greet visitors, hand out fliers, and share the FRRL story. Sign-up sheets are at the club meetings or you may send an email to field-day@frrl.org.

How to Get Involved

Ready to jump in? Reach out to the Field Day committee at field-day@frrl.org to sign up for a shift or a specific task. Sign up sheets are available at the March meeting. You may also contact WB0OET or K9ANL to volunteer.

Field Day is "Showtime" for the Fox River Radio League. Let's work together to make 2026 our best year yet!





WHAT: *FIELD DAY 2026* -- An annual event; over 40,000 amateur (Ham) radio operators in the US have fun operating stations away from home.

WHO: Everyone is welcome -- **open to the public!** No radio, no experience? No problem!

WHY: Hear and see amateur radio in use locally & worldwide using less power than a lightbulb. Try it (free). Ask questions. See and hear what it's all about.

WHEN: 1:00pm Saturday June 27th to 1:00pm Sunday June 28th (rain or shine)

WHERE: Mooseheart Field House in Batavia (enter off Rt 31). Join us!



Sponsored by the Fox River Radio League (FRRL) WWW.FRRL.ORG

Contact field-day@frrl.org with questions. See you there!



★ 2026 ARRL FIELD DAY ★



AMATEUR RADIO

FD★26

A NATIONAL RESOURCE



FOX RIVER RADIO LEAGUE
ARRL FIELD DAY
JUNE 27-28



Be a part of the **most popular on-the-air operating event** in amateur radio. Join us at Mooseheart in Batavia and get in on the action!

www.frrl.org/field-day.php

Fox River Radio League

SINCE 1924

*Fox River Radio League returns to **Mooseheart!*** The main entrance is on IL Route 31 (Lincolnway) 2 miles North of I-88 and 2 miles South of downtown Batavia. Check-in at the guard station for directions to our site.

HISTORY: The first Field Day operations in the US was in 1933. The American Radio Relay League's goal in the early days was to create a way for amateur radio enthusiasts to test their communication skills during emergencies. The FRRL continues to participate in this annual event promoting education and camaraderie.



**SECRETARY OF WAR 2026 ARMED FORCES DAY MESSAGE TO AMATEUR RADIO
AND
MILITARY AUXILIARY RADIO SYSTEM OPERATORS**

"FOR THE PAST SEVENTY-SIX YEARS, SINCE THE INITIAL ARMED FORCES DAY CELEBRATION ON SATURDAY MAY 20, 1950, OUR NATION HAS RECOGNIZED A DAY TO HONOR AND ACKNOWLEDGE THE EXTRAORDINARY AMERICANS WHO HAVE SERVED IN THE UNITED STATES ARMED FORCES.

THOSE AMERICANS WHO PROTECT US AND THE FREEDOMS WE ENJOY ARE ABLY SUPPORTED BY A REMARKABLE CADRE OF VOLUNTEER AMATEUR RADIO AND MILITARY AUXILIARY RADIO SYSTEM OPERATORS. THESE OPERATORS PROVIDE AN ESSENTIAL CONTINGENCY COMMUNICATIONS CAPABILITY TO OUR MEN AND WOMEN IN UNIFORM, THE DEPARTMENT OF WAR, THE U.S. GOVERNMENT, AND THE AMERICAN PEOPLE.

MILITARY AUXILIARY RADIO SYSTEM OPERATORS HAVE PROVIDED MORE THAN A CENTURY OF SUPPORT TO OUR NATION'S MILITARY SINCE THE PROGRAM WAS INITIALLY ESTABLISHED AS THE ARMY AMATEUR RADIO SERVICE IN 1925. OVER THE YEARS, THE MISSION OF THE MILITARY AUXILIARY RADIO SYSTEM PROGRAM HAS EVOLVED TO MEET THE NATION'S NEEDS. THESE VOLUNTEER RADIO OPERATORS WILLINGLY DEVOTE THEIR TIME AND EQUIPMENT TO SUPPORT THOSE ON THE FRONT LINES OF FREEDOM.

ON BEHALF OF THE UNIFORMED SERVICES AND THE DEPARTMENT OF WAR, I EXTEND MY SINCERE APPRECIATION FOR YOUR SELFLESS DEDICATION, OUTSTANDING WORK, AND PATRIOTIC SERVICE TO OUR GREAT NATION AND THE AMERICAN PEOPLE.

THANK YOU FOR YOUR CONTINUED VALUABLE EFFORTS IN SUPPORT OF OUR WARFIGHTERS. GOD BLESS AND WELL DONE"

SIGNED

PETE HEGSETH

SECRETARY OF WAR



The National Conference of Volunteer Examiner Coordinators (NCVEC) Question Pool Committee (QPC) released a February 19, 2026, revision to the new 2026 - 2030 Technician Class question pool. Questions drawn from that pool are valid for Amateur Radio License exams given on, or after, July 1, 2026.

The revision includes minor wording clarifications to four questions in the pool. The revised questions are:

T1C01

T5A05

T7A09

T0A10

These updated questions have been incorporated into the published Technician question pool documents and are available on the NCVEC website at www.ncvec.org/index.php/2026-2030-technician-question-pool. The 2026 - 2030 Technician question pool will be in effect from July 1, 2026, through June 30, 2030. The current Technician Pool is only valid through June 30, 2026.

The ARRL Volunteer Examiner Coordinator (ARRL VEC) advises the amateur radio community to regularly check the NCVEC website at www.ncvec.org for updates to the question pools, which may include errata and withdrawn



Tom (KD9NPR) found this video and says it's very interesting. .

"Super Rybakov antenna"

I found this video very interesting. Many Hams do not have much room for a large antenna and a tunable vertical makes a lot of sense. I will be trying something similar (a shorter version) with a new portable field antenna using a manual tuner instead. Hope this helps some people.

www.youtube.com/watch?v=463zScsM0E8

100, 50, and 25 Years Ago

June 1926

- The cover, by Clyde Dart, 8ZZ, depicts two hams practicing Morse code.
- In the editorial, Kenneth B. Warner, 1BHW, writes about "The Problem of Regulation," after a court ruling from the government against Zenith regarding wavelength usage.
- Technical editor Robert S. Kruse, 1QA, interviews Dr. E. F. W. Alexanderson about "Polarized Transmission."
- In "Of, By and For the Beginner," J. T. McCormick, 9BHF, recounts his struggles getting his first contact.
- "High Adventure in the Northland" by Kenneth B. Warner, 1BHW, discusses how shortwave amateurs are the sole method of communication for three Arctic expeditions.
- C. T. Burke describes the importance of transformers, tubes, and reproducers in "Amplifier Ins and Outs."
- John M. Wells, 1CAK, 1ZD, 1XAX, and E. D. Tilyer explain the construction and adjustment of "A Multi-Stage Crystal-Controlled Transmitter," in which a thick crystal is used to control a low-power tube.
- "A. R. L. Standard Frequency Station 1XM" by Kilian V. R. Lansingh highlights the setup at the experimental station of the Massachusetts Institution of Technology Radio Society.

Radio 900.5
Date 5/6/26
Operator M. M. Hall
Location St. Louis, Mo.
Time 10:00 AM
Frequency 900.5
Power 100 W
Antenna 100 ft. high
Ground 100 ft. wide
Remarks: 1st contact with Mr. Hall, St. Louis, Mo. 10:00 AM. 1st contact with Mr. Hall, St. Louis, Mo. 10:00 AM. 1st contact with Mr. Hall, St. Louis, Mo. 10:00 AM.

Radio 900.5
Date 5/6/26
Operator M. M. Hall
Location St. Louis, Mo.
Time 10:00 AM
Frequency 900.5
Power 100 W
Antenna 100 ft. high
Ground 100 ft. wide
Remarks: 1st contact with Mr. Hall, St. Louis, Mo. 10:00 AM. 1st contact with Mr. Hall, St. Louis, Mo. 10:00 AM. 1st contact with Mr. Hall, St. Louis, Mo. 10:00 AM.

June 1976

- The cover shows the Summer Olympics in Montreal, where CZ20 will operate around the clock during the games.
- In "It Seems to Us... Onward and Upward," Richard L. Baldwin, W1RU, asks amateurs to make more use of the UHF-and-above spectrum.
- James R. Fisk, W1DTY, offers some "Helical-Resonator Design Techniques" for solving spurious responses at VHF and UHF.
- In "Your Radio Signal — Short May It Wave," Margaret Koerner, WB3BEM, provides a basic overview of radio waves.
- In the sixth part of their series on "Learning to Work with Integrated Circuits," Jerry Hall, K1PLP, and Charles Watts, WA6GVC/1, discuss the differences between digital and linear integrated circuits.
- In part one of "His Eminence—the Receiver," Doug DeMaw, W1CER, describes his design for a station receiver for use in areas of high signal density.
- Wes Hayward, W7ZOI, builds on W1CER's work with designs for a family of high-performance HF-band converters for the receiver in "CER-verters."
- In "Odyssey," Linda S. Cleveland, WB4CTR, narrates her journey to earning her Technician license.

June 2001

- The cover features Canada's VA3FIAC crew, who had stations on the air from 160 meters to 3 centimeters during ARRL Field Day 2000.
- In "It Seems To Us... Article S25: More Than Morse," David Sumner, K1ZZ, discusses aspects of the review of Article S25 set for the 2003 World Radio-communication Conference.
- Paulo N. Jorge, CT1EFL, writes about "The Spot Grabber," a tool for monitoring DX-cluster activity without a computer.
- Wes Hayward, W7ZOI, and Bob Larkin, W7PUA, provide some basic home-brewed instruments for "Simple RF-Power Measurement."
- "Gain without Pain—A Beam Antenna for Field Day" by Bob Clarke, N1RC, describes a variety of delta-loop-based beams made with low-cost PVC pipe, electrical wire, and coax.
- Neville Cheadle, G3NUG, highlights the D68C DXpedition to the Federal Islamic Republic of the Comoros in 2001, which broke many world records and established a new record of 168,722 contacts, in "The D68C Story."
- In "The Arkansas Catfish Dipole," David G. Byrd, KD7VA, describes a low-cost portable 20-meter antenna.
- Colin Robertson, ZS2CR, profiles Iris Hayes in "ZS2AA: South Africa's Grand Old Lady of the Airwaves."



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

Which agency regulates and enforces the rules for the Amateur Radio Service in the United States?

- A. FEMA
- B. Homeland Security
- C. The FCC
- D. All these choices are correct

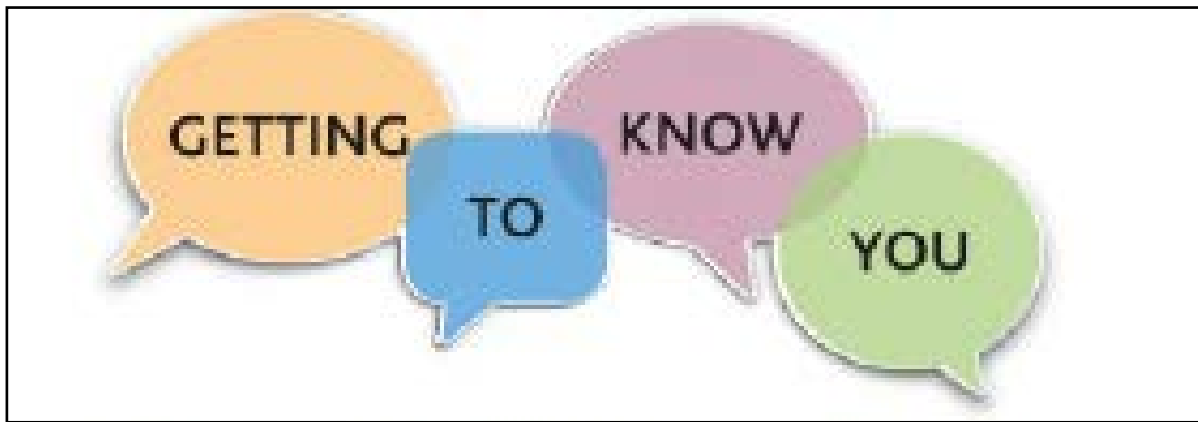


What do the FCC rules state regarding the use of a phonetic alphabet for station identification in the Amateur Radio Service?

- A. It is required when transmitting emergency messages
- B. It is encouraged
- C. It is required when in contact with foreign stations
- D. All these choices are correct

Answers On
Last Page





1. Your Name: MARTIN N STARK
2. Your Callsign: N9NTM)
3. Your License General
4. How long have you been a ham: Been licensed since January of 1992
5. What interests you most about amateur radio My interests in ham radio are System Fusion, FM repeaters and simplex, DXing when I operate on HF.:
6. What modes do you operate: I operate are FM, System Fusion, SSB, FT8
7. What is your most memorable QSO: One of my most memorable QSO's is talking to a ham that was near Carbondale, IL on a repeater he was accessing in Lake Zurich, IL that I use frequently.
8. How long have you been a member of the FRRL: 1992
9. What is one piece of advise you would offer a new ham: if you have questions about ant thing with the ham radio hobby don't hesitate to ask. As there are all kind of hams that have been doing the hobby for years that have a wealth of knowledge.
10. What do you like to do outside of ham radio: I am a avid music lover and also a big railroad fan and like to watch trains trackside.

1. Your Name: Kevin Rick
2. Your Callsign: W2LST (Whiskey 2 Lima Sierra Tango)
3. Your License Classification: Extra Class. I also hold a GMRS license and 5 FCC radio commercial licenses.
4. How long have you been a ham: January 2017
5. What interests you most about amateur radio: Having DX contacts and local QSO'S. Building antennas. Being a VE and instructor to share my electronics and telecom background with other operators. I actively participate in various local nets and am Skywarn trained.
6. What modes do you operate: 1.25m, 2m, 70cm, 10m, 20m, 4m, C4FM, 10m, Echolink, Allstar, DMR & GMRS (WRDE721).
7. What is your most memorable QSO: My 1st DX QSO in South America on 20m when I upgraded to a general class.
8. How long have you been a member of the FRRL: Since 2017
9. What is one piece of advise you would offer a new ham: Meet some experienced Elmers and learn from them. Experiment and try various modes.
10. What do you like to do outside of ham radio: I play classic 60's rock on electric guitar, piano and keyboards. I also design and build old school motor bikes that were common from the late 1930's to the mid 1960's. Commonly known as "Whizzer" motorbikes. I design and build various electrical control panels for the solar, lighting industries and amateur radio hobby. I am FAA Part 107 as a Certified Unmanned Aircraft Pilot, aka a Drone Pilot.





If You Have Anything

For Sale

To Trade

Looking For / Or

To Loan

Advertise Here



To advertise email: NEWSLETTER@FRRL.ORG

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



Picture is not of the actual radio that is for sale

Click [Here](#) to contact Mike

I have the following radio for sale:

K3S-F Contester/Dxer Package and P3-F Panadapte. All factory assembled. Purchased April 2018 (I've upgraded)

Includes:

- KPA3A-F 100 watt upgrade
- KAT3A-F Auto Tuner
- KDVR3-F Digital Voice Recorder
- E850323-F Oscillator 5ppm
- KFL3A 2.8 kHz SSB/Data Filter 8 Pole
- KFL3A 2.1 kHz Roofing Filter 8 pole
- KFL3C 200 kHz roofing Filter
- KRX3A-F Second Receiver
- KFL3A 400 kHz Roofing Filter
- MH4 Microphone
- P3SSVGA-F Video Adapter
- Power and Interconnecting Cables
- Elecraft Manuals for K3S and P3

Price is US \$3,400.

I will pay shipping and insurance within the Continental US. The sale will be final with no returns and I will ship once good funds are confirmed by my bank.

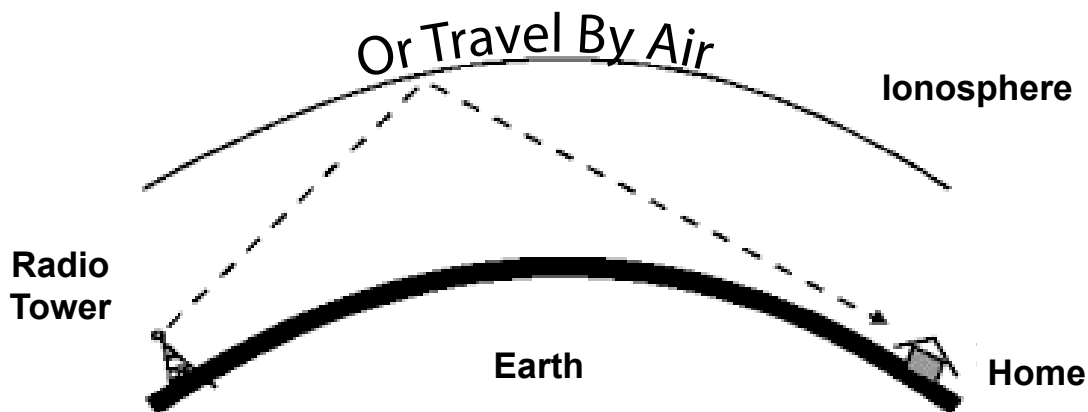
Please contact me directly: John Lansing K9JTL: john.lansing@sbcglobal.net.





Date	Time	Event	Location	Sponsor	Cost	Talk-In	Notes
JUNE 7, 2026 	8am-1pm	Starved Rock Ham Fest	Mendota Fairgrounds, 503 1st Avenue, Mendota, IL	Starved Rock Radio Club	\$10 door, \$8 in advance	147.120 + 103.5 pl	Prizes, outdoor flea market 6am-1pm, drawings, testing, camping
JUNE 14, 2026 	7:00am - Noon	Walworth County Hamfest	Riverview Park, 1588 Mill St, Lyons, WI	Lakes Area Amateur Radio Club (WI9EL)	Free	46.865, pl 127.3	Outdoor event.
JUNE 20, 2026 	7:00am - Noon	Swap Meet and Grumpy Social	St Paul's Ev Lutheran Church, 9035 Grant Ave, Brookfield, IL	6 Meter Club of Chicago (K9ONA)	\$8 adv, \$10 door	None	Food, hourly door prize, free license testing offered

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





June 7, 2026

[BANK OF AMERICA CHICAGO 13.1](#)

CHICAGO IL: This 13.1-mile event through Chicago's West Side weaves through vibrant and culturally diverse neighborhoods, starting and finishing in Garfield Park. Amateur radio volunteers assist in several areas including monitoring event and participant safety at aid stations, assisting at pre-finish, mobile triage, net control and more. Radio operators are organized through Rob Orr (K9RST) at Ham Radio Chicago and those interested in volunteering may sign-up [here](#).



June 14, 2062

[56th Annual Swedish Days Ride](#)

SUGAR GROVE IL: This bicycle event provides 12, 28, 51, 73, 103, and 133-mile routes through the farmlands of Sugar Grove and nearby towns. Amateur radio operators provide rider support and communications on and along the route while coordinating with event officials. Radio volunteers are organized by [Terrence Pogge](#) (K2POG) and the Kane County ARES team in cooperation with Kane County Office of Emergency Management (OEM).



June 20, 2026

[RUN FOR THEIR LIVES 5K](#)

MOKENA IL: Benefitting the homeless pets of the no-kill NAWS Humane Society of Mokena, this event offers the community a 5K run/walk in the beauty of the Hickory Creek Preserve. Amateur radio operators will monitor the course for spectator and participant safety, relay medical assistance requests, and provide other communications support. The volunteer radio group for this event is organized by Mike McGuire (K9ACM) and the Suburban Technical Amateur Radio Systems (STARS) team. Volunteers may sign-up [here](#).



Places to look for volunteer opportunities

<https://www.hamradiochicago.org/events>

<https://www.arrl.org/volunteer-opportunities>



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



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
FATHER'S 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

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.

EXTRA classes are held in person at:



MESSENGER
PUBLIC LIBRARY OF NORTH AURORA

113 Oak St, North Aurora, IL 60542



General Class

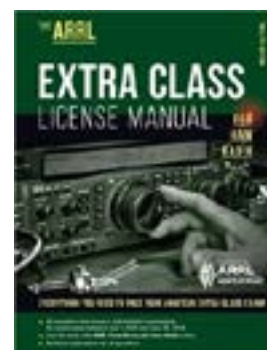
Wednesday Evenings
6:30 P.M. to 9:30 P.M.

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 **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

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.

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



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

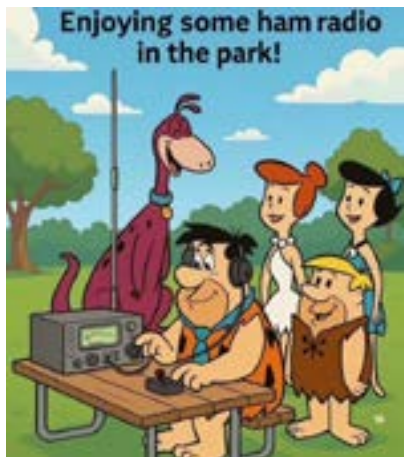
Taken from: [Ethics and Operating Procedures for the Radio Amateur.](#)

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](#)



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 C

Question 2 B

