



ARCOVER



APRIL 2021

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

1924  2021

Who We Are

Mailing Address:
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Batavia, IL 60510-0673

Email: info@frll.org
Website: <http://www.frll.org>

President:
Gordon Dailey, KW0E

Vice President:
Roger Bara, W9YU

Secretary:
Dean Holste, KC9EOQ

Treasurer:
Dan Harmon, WA9YKK

Directors:
Cedrick Johnson WT2P
Denny Barfuss W9HI
Dave Bulkley K9WDB
Robert Littler W9DSR

Past President:
Mike Urso K9FE

License Trustee (W9CEQ):
Kermit Carlson, W9XA

License Trustee (W9NE):
Denny Barfuss W9HI

Newsletter Editor:
Jerry Chapman N9JLC

Webmaster:
Mark Van Daele K9MEV

Membership Database:
Chris Kennell, KC9BKS

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.

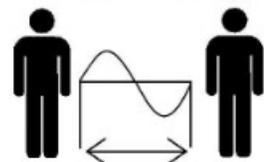
We sponsor training classes for those seeking a new or upgraded Amateur Radio license, license examination sessions, and participation in various local Public Service events. Our membership covers a broad variety of interests - if you have a specialized amateur radio interest, you will likely find camaraderie 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.

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Social Distancing



Keep one wavelength
apart at 147.21 Mhz





Hi All,
 Well, we've been teased with warmer weather and it's amazing how good the sunshine can make you feel. I'm sure all of us have outside projects that we have put on our list during the Fall and Winter. Let's all remember to plan to be safe as we are working the items on our list.

As you will read about here in the Arcover. The FRRL will be conducting a Zoom Technician and General class. If you would like to volunteer to instruct a class please let Denny W9HI or any of the Board of Directors know along with your contact information.

Field Day will soon be upon us and we will need band captains and operators. Contact Field Day Chair - Mike, K9FE as soon as possible. This is a perfect time for new hams and new back in the hobby to get some operating time with an elmer there with you.

Until next month, stay radioactive.

73 de Gordie, KW0E



**Presidents
 WELCOME
 To The
 FRRL !!**

Call Sign	Name	License Class
KD9RXY	Jacob Petersohn	Tech





MEETING MINUTES



MARCH 9, 2021

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

The March meeting of the Fox River Radio League was conducted via Zoom.

There were 37 members present via video conference.

The meeting was called to order at 1930 CST by President Gordon Dailey, KW0E
All Board members were present except, CJ, WT2P

Acceptance of the February 2021 Membership Meeting minutes as printed in the ArcOver were approved by the membership.

Treasurer's Report: Dan WA9YKK, reported the account bank balances as of 03-02-2021.

Motion to accept the Treasurer's report, W9HI, second, K9WDB and approved.

Director: Terry W9AUV, deferred to Kermit, W9XA

Director: Robert W9DSR, working on getting a presentation on Earthquakes by W9RY.

Director: Dave W9WDB, put out a request to the members for a PR person to help the club. He is also looking for volunteers to lead a Ham in the Park get together this spring/summer.

Director: CJ WT2P, not present

Education: Denny, W9HI, a Technicians class has been set up for Wednesday evenings beginning March 24th from 6:00PM to 9:30PM for ten sessions via Zoom.

A General class has been set up for Thursday evenings beginning March 25th from 6:00PM to 9:30PM for 10 sessions via Zoom. There have also been requests for an Extra class. A fall/winter session is being considered.

VE test sessions will be held on the third Thursday of every month at the Geneva Lutheran Church. See the website for details.

Membership: Chris, KC9BKS reported that we have 117, members as of this month.



March 9th meeting minutes continued:

Repeater: Kermit, W9XA reported that things are on hold. Pete has not had his COVID shot yet. Kermit has the new router to install at Elburn. This will help the Echolink node. He is still working to lock down the costs for the Plano tower installation.

Old Business:

Meetings: All meetings will be conducted using Zoom until further notice.

Field Day: Mike, K9FE has stepped up to chair this event! He anticipates we will be 7-A with one digital station. There is a need to a Welcome Tent person(s) and a VHF station person(s). Adrian, KB9QQL has stepped up to be the GOTA Coach and man the tent. He will need some help with this! We will be at the LeRoy Oakes Forest Preserve again. The station layout will be the same as previous years.

New Business:

Build-a-Thon: Denny, W9HI displayed a kit in which you will build a FM radio. The kit comes with a soldering pen, goggles, and parts for about \$20.00. The consensus of members present thought this would be a good idea.

FRRL Fast Start: Harry, K9DXA spoke about starting a mentoring program for new hams. This will involve matching a new ham with a mentor to help navigate the different aspects of the hobby. There seemed to be some interest by the members present.

Announcements:

The hamfest in Sandwich, IL at the fairgrounds is a go according to Marty, N9NTM. It is on Sunday May 2nd.

A reminder that the QSO Today Expo is March 13th and 14th.

Denny, W9HI is in contact with a person who works for the Space-X Corporation. He hopes to arrange for him to speak at a future meeting.

Adjournment:

The meeting was adjourned at 2043hrs CST.

Upcoming Events:

March 20th Newsletter Deadline
April 6th, BOD Meeting via Zoom
April 13th, Membership Meeting via Zoom
April 20th, Newsletter Deadline

Program:

A presentation on CW Ops and CW Academy was conducted by Gordie, KW0E.

Respectfully submitted,

Dean Holste, KC9EOQ
FRRL Secretary



APRIL 2021



Fox River Radio League

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1 General License Class 1830-2130	2	3
4 HAPPY EASTER	5	6 1900 FRRL BOD Meeting 1930 FRRL2m Net	7 Technician License Class 1830-2130	8 General License Class 1830-2130	9	10
11	12	13 1930 FRRL Member Meeting (ZOOM)	14 Technician License Class 1830-2130	15 General License Class 1830-2130 VE Testing 1800 Geneva Lutheran Church	16	17
18	19	20 Newsletter Deadline 1930 FRRL 2m Net	21 Technician License Class 1830-2130	22 General License Class 1830-2130	23	24
25	26	27 1930 FRRL 2m Net	28 Technician License Class 1830-2130	29 General License Class 1830-2130	30	
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		



For ARRL events please go to <http://www.arrl.org/contest-calendar>



\$ Tax Day \$
April 15th



FRRL positions open for interested members.

Field Day

The Field Day Chairman is in need of members to help at the event. He is looking for band captains, a safety officer, Information table, both setup (Friday afternoon and Saturday morning) and take down crew (starts actually around 10am Sunday till the site is cleared - usually by 3pm. Location is the same place as last year.

Please contact Mike Urso K9FE at k9fe@yahoo.com

Public Relations

The Club is looking for someone has experience with Facebook, computers, and bring the FRRL back to eyes of people on social media. Please send your resume to [president\[at\]frri.org](mailto:president[at]frri.org)

Volunteer Examiners



Technicians: Life Beyond Repeaters



Maybe you just received your Technician-class license, or perhaps you have had it for a while and are burned out waiting for sparse FM repeater contacts. Take a new look at the possibilities available to you beyond repeaters. Explore Tech HF and 6-meter privileges for SSB, CW, and digital modes such as FT8, RTTY, and PSK31 to expand your operating modes and your station's outreach. Explore other VHF/UHF uses, including SSB, satellites, FM simplex, digital modes, contesting, and more.



January 2021 Volunteer Monitor Program Report

The Volunteer Monitor (VM) Program is a joint initiative between ARRL and the FCC to enhance compliance in the Amateur Radio Service.

In January 2021, Volunteer Monitors reported 2,277 hours monitoring the HF frequencies and 2,162 hours monitoring VHF frequencies and above.

The Volunteer Monitor Coordinator issued 11 Advisory Notices. An Advisory Notice is an attempt to resolve rule violation issues informally before FCC intervention:

- Operators in Milwaukee, Wisconsin; Centralia, Washington; Edmond, Oklahoma; Fontana, California, and Orleans, Massachusetts, received advisories concerning operation outside their license class.
- An operator in Thorn Hill, Tennessee, received an advisory concerning interference.
- An operator in Ridgely, Tennessee, received an advisory regarding excessive bandwidth.
- Operators in Miami, Florida; Friendly, West Virginia; Collinsville, Illinois, and Keansburg, New Jersey, received advisories concerning station ID issues.
- An operator in Philadelphia, Pennsylvania, received an advisory regarding improper use of a linear amplifier.

ARRL had two meetings in January with FCC Enforcement Bureau personnel. -- Thanks to Riley Hollingsworth, K4ZDH, VM Program Administrator



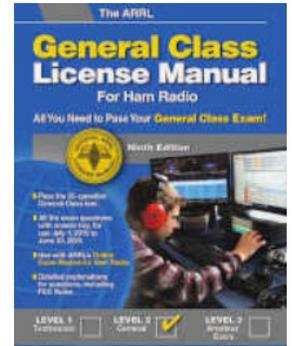


General License Class

March 25, 2021 to May 27, 2021
6:30pm - 9:30pm CST

Instructors needed for these classes.. You don't need to be a ham radio wizard to teach. Just be willing !!

Class Type	Traditional
Class Level	General
CW Class Also Offered?	No
Number of sessions	10
Pre-registration required?	No
Fee?	0
Pre-study required?	No
Exam Offered?	Yes
Instructor Callsign	WA9YKK
Sponsoring Club/Organization	Fox River Radio League (FRRL)
Additional Information	These Are ZOOM classes meeting every Thursday at 6:30 CST. Contact Denny W9HI at education@frrl.org for more information
ARRL Section	
Location Title	Online
Address	Online
City	N/A
State	IL
Zip Code	00000
Contact name	Daniel Harmon
Contact callsign	WA9YKK
Public contact phone	630-272-1768

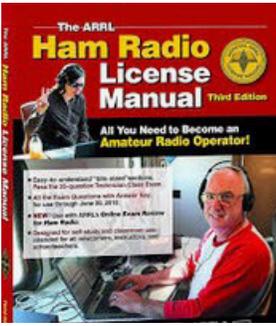


Technician License Class

March 24, 2021 to May 26, 2021
6:30pm - 9:30pm CST



Class Level	Technician
CW Class Also Offered?	No
Number of sessions	10
Pre-registration required?	No
Fee?	0
	Class Type
Pre-study required?	No
Exam Offered?	Yes
Instructor Callsign	WA9YKK
Sponsoring Club/Organization	Fox River Radio League (FRRL)
Additional Information	These are ZOOM classes meeting every Wednesday at 6:30 CST. Contact Denny W9HI at education@frrl.org
ARRL Section	
Location Title	Online
Address	Online
City	N/A
State	IL
Zip Code	00000
Contact name	Daniel Harmon
Contact callsign	WA9YKK
Public contact phone	630-272-1768



Instructors needed for these classes.. You don't need to be a ham radio wizard to teach. Just be willing !!





ARRL Volunteer Examiners Serve the Community



If you are interested in becoming an ARRL Volunteer Examiner (VE) and serving the Amateur Radio community, it's easy and free!

Follow these three steps to become an ARRL Volunteer Examiner:

1. Review the Volunteer Examiner Manual, paying special attention to Chapter 2: Becoming a Volunteer Examiner.
2. Complete and sign the VE Application form and open-book review * (40 question review). (interactive version available)
3. Please fax, mail or email forms (Adobe PDF file or scanned JPEG image showing your real signature) to the address below: **

ARRL VECVE-patch1_1.jpg
 225 Main St
 Newington, CT 06111 USA
 Fax: 860-594-0339
 Email: vec@arrl.org

Once accredited, you will receive in the mail a colorful laminated VE badge to wear at exam sessions and a certificate suitable for framing. Please allow 3-4 weeks for the ARRL VE badge and certificate to arrive.

* If you are already accredited with a VEC organization outside the ARRL, you must submit a copy of your accreditation certification along with a completed ARRL VE application (interactive version available) form to the above address.

** If the documents are faxed or emailed to the ARRL VEC, you may be required to also mail the original application to complete the accreditation if your application signature is not legible. We require your signature on file for identity confirmation on exam documents.

Upgrade or Call change
 Lost credentials

Address, email, or contact information changes

Confirm accreditation status: A VE's accreditation status can also be confirmed via the ARRL VEC's VE Session Counts web page.



Maintaining ARRL VE Accreditation

Contact the ARRL VEC department to update your VE record.

Toll free: 1-800-927-7583 (1-800-9 ARRL VE)

Email: VEC@ARRL.org



Renew or Reinstate*

Upgrade or Call change

Lost credentials

Address, email, or contact information changes

Confirm accreditation status: A VE's accreditation status can also be confirmed via the ARRL VEC's VE Session Counts web page.

*ARRL accreditation renewal is automatic for ARRL VEs who maintain a current address, contact phone number and/or email address on file at the VEC office and **have participated at an exam session within the past 5 years**. A Volunteer Examiner whose FCC license has expired is not eligible to administer any exam element while the license remains expired. The VE accreditation is valid only if the VE's amateur license is current and valid.



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\[at\]frrl.org](mailto:Director3[at]frrl.org)

Dave K9wdb



Technician Class

T9B03

Why is coaxial cable the most common feed line selected for amateur radio antenna systems?

- () A. It can handle more power than any other type of feed line
- () B. It is easy to use and requires few special installation considerations
- () C. It is less expensive than any other type of feed line
- () D. It has less loss than any other type of feed line

Last Months Answers

T7D05

What instrument is used to measure resistance?

- (X) C. An ohmmeter

T6C04

What is component 3 in figure T1?

- (X) C. Lamp

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:

March 18, 2021 at 6:00 PM
April 15, 2021 at 6:00 PM
May 20, 2021 at 6:00 PM
June 17, 2021 at 6:00 PM

Testing Location:

Geneva Lutheran Church
301 S 3rd St,
Geneva, IL 60134



All events subject to COVID-19 venue availability and restrictions.
Please pre-register by emailing ve@frrl.org. 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



Member FRRL Spot Light

**Rick Stevens
KD9NWA**



Rick is a professor of computer science at the University of Chicago since 1999 and has worked at Argonne National Laboratory since 1987, where he is associate laboratory director for computing, environment and life sciences research. He works at the intersection of supercomputing, biology and artificial intelligence. The last few years he has been working on applying AI to problems in Cancer research and most recently in drug development for COVID-19. When he is not working he enjoys traveling, camping, backpacking and bushcraft, cooking historical recipes and playing radio.

My radio interests include digital modes, satellite and QRP. My shack includes ICOM 7300, 9700 and 705, Yaesu FT818 and FT-891 and bunch of SDRs and HTs. I'm married to Deb since 1988 and have two adult daughters (Emily 23 and Molly 20).

What is Amateur Radio



Handie
Talkie



Mobile



Base



Antennas



QSLCards
From Around
The World

Often called “ham radio,” the Amateur Radio Service has been around for a century. In that time, it’s grown into a worldwide community of licensed operators using the airwaves with every conceivable means of communications technology. Its people range in age from youngsters to grandparents. Even rocket scientists and a rock star or two are in the ham ranks. Most, however, are just normal folks like you and me who enjoy learning and being able to transmit voice, data and pictures through the air to unusual places, both near and far, without depending on commercial systems.

The Amateur Radio frequencies are the last remaining place in the usable radio spectrum where you as an individual can develop and experiment with wireless communications. Hams not only can make and modify their equipment, but can create whole new ways to do things.

