

ARCOVER

JUNE 2023



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

1924  2023

Who We Are

President:

Terry Todd W9AUV

Vice President:

Eve Schneider W9EVE

Secretary:

Art Shuter NN9I

Treasurer:

Dan Harmon WA9YKK

Director :

Ruben Noceda K9ARN

Director

Jim Brady W9JB

Director

Paul Mitchell KC9SEB

Director

Jim Brady W9JB

Past President:

Dennis Barfuss W9HI

Programs:

Paul Mitchell KC9SEB

Education / VE:

Jim Brady W9JB

License Trustee (W9CEQ):

Kermit Carlson, W9XA

License Trustee (W9NE):

Denny Barfuss W9HI

Newsletter Editor / PR:

Jerry Chapman N9JLC

Webmaster:

Mark Van Daele K9MEV

Membership Database:

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.



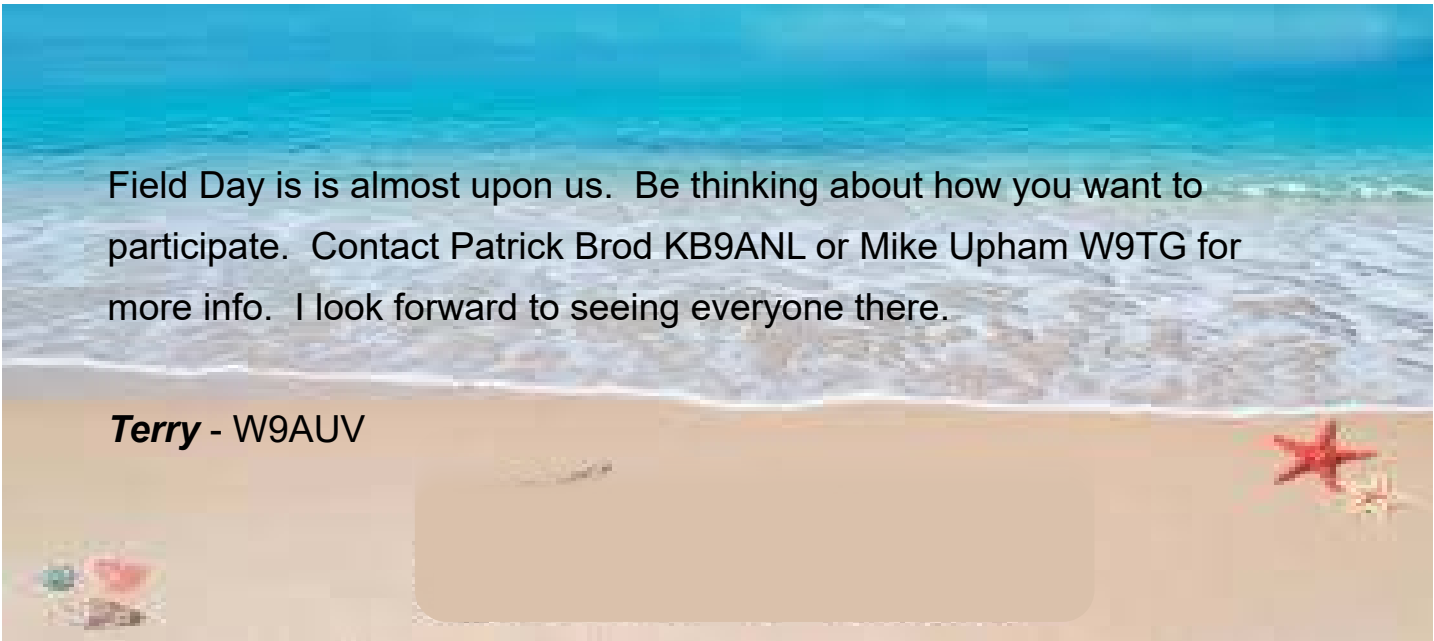
Fox River Radio League
Mailing Address:
P. O Box 673
Batavia, IL 60510-0673
Email: info@frrl.org
Website: <http://www.frrl.org>



From
the desk
 of....

The Esteemed

Terry Todd



Field Day is almost upon us. Be thinking about how you want to participate. Contact Patrick Brod KB9ANL or Mike Upham W9TG for more info. I look forward to seeing everyone there.

Terry - W9AUV

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New Members

Call Sign	Name	License Type
N9III	Donald Rasmussen	Amateur Extra
KC9KAX	Randal Ligocki	General

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ARC OVER

FOX RIVER RADIO LEAGUE MEMBERSHIP MEETING MINUTES

May 9, 2023

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

The May 9, 2023 meeting of the Fox River Radio League was conducted at Bethany Lutheran Church in Batavia, IL. There were 43 members in attendance and 4 on Zoom.

The meeting was called to order at 1930 CST by President Terry Todd, W9AUV.

Board Members and Directors Present

President, Terry Todd W9AUV
Vice-President, Eve Schneider W9EVE
Secretary, Art Shuter NN9I
Treasurer, Dan Harmon WA9YKK
Director 1, Ruben Noceda K9ARN
Director 2, Jim Brady W9JB
Director 3, Paul Mitchell KC9SEB
Director 4, John Greusel KC9OJV

Minutes: Acceptance of the April 11, 2023 Membership Meeting minutes as printed in the ArcOver were approved by the membership. Motion to approve: Rob KN9J, 2nd: Marty N9NTM

Treasurer's Report: Dan WA9YKK, reported the account bank balances as of 5/9/23:

Reports:

Bylaws committee Dan WA9YKK: Changes in the Bylaws are available and will be voted on in the July meeting. Many thanks to Dean KC9EOQ, Terry W9AUV and Dan WA9YKK for the work on this project

Eve W9EVE 100th: We had good first zoom meeting. Many members volunteered to help and the next meeting will be Tuesday May 16, 2023

Director 1 Ruben Noceda K9ARN: Kermit W9XA reported that work has been done on the 2 meter 147.21 and 70 centimeter 440.300 repeaters and they are now connected for crossband activity.

Director 3: Club Activities Paul Mitchell KC9SEB: Next month the program will be on Field Day coming up on June 23-25

Database Manager Mike Urso K9FE: We now have 134 active members

Education/VE : Denny W9HI: Extra classes will be starting September 2nd at the Messenger Library in North Aurora. VE Session this Thursday

Old Business:

Field day: Mike WT9G field day on June 23-25. We still need help with band captains including the GOTA station and volunteers to help operate

Upcoming events:

Mendota Hamfest June 4, 2023

May 20th Newsletter deadline

June 6th BOD meeting

June 13 Membership Meeting

Field Day: June 23rd – 25th

Program: Paul KC9SEB will do a presentation on Hot Spots

Adjournment:

The meeting was adjourned at 20:23 CST. Motion by Tom WD9DAU, 2nd: Kermit W9XA

Respectfully submitted,
Art Shuter – NN9I
FRRL SecretaryWW



FOX RIVER RADIO LEAGUE

June 2023

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
				1	2	3
4 INFORMAL ALL OPR NET 1900	5 CW NET 28.150 2000  SSB NET 28.720 2030	6 1900 FRRL BOD Meeting 1930 FRRL 2m Net	7	8	9	10
11 INFORMAL ALL OPR NET 1900	12 CW NET 28.150 2000  SSB NET 28.720 2030	13 1930 FRRL Membership Meeting No Net	14 National Flag Day	15	16	17
18 Fathers Day	19 CW NET 28.150 2000  SSB NET 28.720 2030	20  <i>Deadline</i> 1930 FRRL 2m Net	21	22	23 Field Day	24 Field Day
FieldDay 25 INFORMAL ALL OPR NET 1900	26 CW NET 28.150 2000  SSB NET 28.720 2030	27 1930 FRRL 2m Net	28	29	30	
MEMBER MEETING BETHANY LUTHERAN CHURCH 8 SOUTH LINCOLN ST. BATAVIA IL						
 WCRA 2m Net 8pm 145.31 -6 107.2	 VARA 2m Net 8pm 146.79 -6 107.2	 FRRL 2m Net 7:30pm 147.21 +6 103.5	 Kane County ARES 2m Net 6:30pm 145.47 -6 103.5	 Northern Illinois ARRL 70cm Net 7:30pm 444.875 +5MHz, 114.8	 CW Net 28.150, Monday 8PM SSB Net 28.720, Monday 8:30PM	

ARCOVER

NEWS AND INFORMATION CENTER

Local - National - International



June 25, 2023. END 1st pm Local Cleanup till 4:00pm
 Club Forest Preserve, in St. Charles, IL
 If you want, if you're interested, even for a brief time, please
 RIANL or Mike Lyman W9TC. foxtoday@frrl.org or
 Mike Lyman, and have some fun too!
 It is... **OPEN TO THE PUBLIC.**
 W9
 W9
 #17PM
 @Disputer
 3083 PL



FOX RIVER RADIO LEAGUE
W9NE

Fox River Radio League
 PO Box 873
 Moline, Illinois 61510-0873
www.frrl.org

Call Sign	Class	Power	Mode	Band	Time	Day	Month	Year

*Start Thinking About
 Field Day 2023.. It'll
 be here before you
 know it !!*



We need people to help set up/tear down along with Band Captains and of course



YOU to come out and operate !!





Fox River Radio League

ARRL Field Day - 2023



Come join the Field Day fun....

What is ARRL Field Day?

Field Day is Amateur Radio's Open House.

On the 4th weekend in June, over 40,000 hams in North America set up temporary transmitting stations in public places to demonstrate amateur radio. Whether you are a seasoned Ham, newly licensed, or curious about Amateur Radio come out to our Field Day site and operate. Come join us at Field day, help setup on Friday, Operate Saturday, Sunday and take down on Sunday PM. Emergency preparedness is the game!! Operate our GOTA (Get On The Air) station. Everyone is Welcome!!

2023 — ARRL FIELD DAY Dates:

Setup start: **Friday June 23, 2023** 1:00 pm local, setup Antennas / Tents

Start Operating: **Saturday June 24, 2023** 1:00 pm Local Operate continuously till Sunday

End Operating and clean up: **Sunday June 25, 2023** END 1:00 pm Local Cleanup till 4:00pm

Location: **LeRoy Oaks Forest Preserve, in St. Charles, IL**

FRRL needs people to help at our **2023 Field Day** event. If you're interested, even for a brief time, please contact **Field Day Chairman: Pat Brod, KB9ANL**, or **Mike Upham WT9G** email: fieldday@frrl.org or Come join us, meet new hams, work new Radio Frequencies, and have some Summer Fun!!

*Come Join us: **OPEN TO THE PUBLIC***

FRRL - Field Day — Location:

LeRoy Oaks Forest Preserve,
37W700 Dean St.
St. Charles, IL

Field Day Set-Up will start **Friday June 23rd @ 1 PM**

Check our web page or Listen to our W9CEQrepeater for more information.

FRRL Analog 2 meter Repeater:

VHF 2m: 147.210 MHz, + 600 KHz Offset , 103.5 PL

FRRL Website: www.frrl.org or

<https://www.frrl.org/field-day.php>





Hams are STEM Champs

HAM RADIO serves as a platform where radio enthusiasts can get together and exchange information and experience.

As one of the largest amateur radio exhibitions in the world, alongside the Hamvention Dayton/Ohio, USA and the Ham Fair in Tokyo/Japan, HAM RADIO attracts exhibitors and visitors from more than 52 countries all round the world to Friedrichshafen.



A special feature of HAM is the combination of commercial exhibitors, worldwide networked associations and Europe's largest radio flea market with over 300 participants from 16 countries.



THE FOX RIVER RADIO LEAGUE, INC.

BYLAWS

Amended July 11, 2023

ENACTMENT

The final draft of this document was read and approved by the membership present at the Fox River meeting held on June 11, 2019 and was duly recorded in the minutes of that meeting by the Secretary. All amendments are recorded in the minutes of the meeting at which they were passed.

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		Article X	

BYLAWS

Article I – Name

Section 1. The name of this organization shall be the Fox River Radio League, Inc. The common abbreviation of this name shall be FRRL.

Article II – Purpose

Section 1. The purpose of the Fox River Radio League, Inc. shall be to provide a vehicle for the exchange of technical information and for improving the operational skills and enjoyment of both its members and other persons in amateur radio communications. Further, to provide a pool of skilled operators and equipment for use in community service or in the event of a community or national disaster.

Section 2. The Fox River Radio League Inc., is a Section 501 (c)(3) tax-exempt not-for-profit corporation as defined by Federal and State of Illinois Statutes.

Article III - Membership

Section 1. All persons interested in amateur radio shall be eligible for membership in the Fox River Radio League, Inc. To be a member, an individual or family must be up to date in payment of FRRL dues. To be eligible to vote on FRRL business, individuals must hold a valid amateur radio license

Section 2. The Board of Directors may, with the approval of the membership, grant Honorary (non- voting) membership in the Fox River Radio League, Inc. Honorary members shall not be required to pay dues. Honorary memberships shall automatically expire at each January membership meeting unless renewed for the following year by the Board of Directors.

Section 3. The Board of Directors may, with the approval of the membership, grant Life membership in the Fox River Radio League, Inc. In order to be nominated for Life membership, a person must be able to prove licensed amateur radio status fifty (50) years prior to the nomination, and must have been a member of the FRRL for at least the last ten (10) consecutive years. A Life member shall have all the rights and privileges of a dues-paying member.

Section 4. New members or returning members whose membership has lapsed for more than one year shall immediately enjoy all membership privileges except the right to participate in counted or balloted votes which shall be delayed two months from membership application receipt date.

Article IV – Officers

Section 1. The officers of the Fox River Radio League, Inc. shall be: President, Vice-President, Secretary, and Treasurer.

Section 2. All officers shall be FRRL members, and shall hold a valid amateur radio license.

Section 3. The term of all officers shall be for one (1) year starting with the regular February membership meeting and shall expire at the start of the following year's February meeting.

Section 4. No two (2) family members may hold an elected office or serve as a Director on the Board of Directors at the same time.

Section 5. Vacancies occurring between elections must be filled by a special election, to be held at the next regular membership meeting following the one at which the vacancy was officially recorded in the corporation minutes.

Article V - Duties of Officers

Section 1. The President shall preside at all meetings of the Fox River Radio League, Inc. and shall conduct same according to the rules adopted. The President shall enforce due observance of the FRRL Bylaws: decide all questions of order; sign all official documents that are adopted by the FRRL; appoint the Repeater Board, all committee chairs and, where specified, committee members; and shall perform all customary duties pertaining to the office of President. A member may serve as President for a maximum of two (2) consecutive terms.

Section 2. The Vice-President shall assume all the duties of the President in the absence of the latter. The Vice President shall also assume the duties of any other absent officer and other duties as assigned.

Section 3. The Secretary shall keep a record of the attendance at, and proceedings of all Membership and Board of Directors meetings; keep a list of the membership; carry on all corporation correspondence authorized by the Board of Directors unless otherwise assigned to another member; read communications at each meeting and other duties as assigned.

Section 4. The Treasurer shall receive all monies; pay all bills; and keep a just and regular account of the same. At each regular meeting, the Treasurer shall submit a financial report to the officers and the general membership. The Treasurer shall pay no bills greater than two hundred (\$200) for non-budgeted items without the approval of the general membership. All checks are to be signed by the Treasurer and one of the following officers; the President, Vice-President, or Secretary. Check cosigners shall not be related by blood or marriage. The Treasurer shall maintain control of the Club Debit Card(s) and report transactions to the Board of Directors on a monthly basis. The Treasurer shall also provide financial documents to the Board of Directors for a quarterly review. For purposes of compiling an annual budget, the Treasurer shall receive from each committee and Board of Directors member where appropriate, an estimate of costs for the next twelve (12) months. Budget components are due three (3) months before the end of the fiscal year on October 31st of each year.

Article VI - Directors

Section 1. All Directors shall be FRRL members and shall hold a valid amateur radio license.

Section 2. The Board of Directors shall be comprised of the Officers of the Fox River Radio League, four (4) Directors elected by the membership, and one (1) Director who is the **immediate Past President**. **The President shall act as Chairman of the Board of Directors.**

Section 3. The duties of the Board of Directors are to conduct the necessary business of the FRRL as may occur between membership meetings; provide direction and guidance in achieving the goals and objectives of the FRRL; and assist all appointed Committee Chairpersons and the Repeater Board in making decisions necessary to support FRRL activities and functions. Decisions of the Board of Directors shall stand.

Section 4. The four Directors elected to the Board by the membership shall serve staggered two (2) year

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Section 4. The four Directors elected to the Board by the membership shall serve staggered two (2) year

terms, with two (2) Directors elected each year. Whenever necessary, the initial term of any newly elected Director may be reduced by the membership in order to ensure that the term of two (2) directors expire each year.

Section 5. The immediate Past President shall serve as a Director until succeeded by the next retiring President. If the immediate Past President is unable to serve as a Director, any other Past President shall be appointed for a term of one (1) year, or any fraction remaining, by the President, subject to confirmation by the Board of Directors.

Section 6. Vacancies occurring between elections must be filled by a special election, to be held at the next regular membership meeting following the one at which the vacancy was officially recorded in the corporation minutes.

Article VII - Election of Officers and Directors

Section 1. Nominations: The Nominating Committee shall present, at the November meeting, a slate of candidates consisting of a minimum of one (1) name per office. Nominations shall also be accepted from the floor at only the November meeting. All nominations shall be published in the next issue of the FRRL Newsletter and the FRRL website no later than one week prior to the December meeting.

Section 2. Election: The annual election of all officers and the directors shall take place at the December meeting. The balloting shall allow for write-in names. A candidate shall be declared elected if that candidate receives the most votes cast by the members. At the discretion of the Board of Directors, an electronic voting system may be used.

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Section 3. Absentee Ballots: Absentee ballots are allowed only for the election of officers and directors. The absentee ballot shall be prepared by the voter and delivered prior to the start of the meeting at which the annual election of officers and directors is held. The office being voted on with the first and last names or the call sign of each candidate shall be listed on this ballot. The completed ballot may be sent via email or physical means. The email ballot shall be sent to the chair of the nomination committee. Alternatively, a physical ballot may be enclosed in a sealed envelope that is both printed and signed in ink using first and last name of the voter. The physical ballot should be delivered to any officer. The ballots shall be opened and tallied at the election. At the discretion of the Board of Directors, an electronic absentee voting system may be used.

Article VIII - Removal of Officers, Directors, or a Member

Section 1. Removal of an Officer, Director, or a member shall be proposed in writing and presented in person, by a member, at a Board of Directors meeting. The Board shall then determine if the proposal should be referred to an ad hoc Review Committee for investigation and resolution.

Section 2. The Review Committee shall make a good faith effort to resolve the problem(s) that led to the removal proposal. Committee meetings and detailed deliberations shall be open only to person(s) specifically invited by the committee. The committee shall report its findings and recommendation(s) to the board no later than the regular board meeting in the month following the board meeting at which the proposal was first made.

Section 3. Upon a recommendation of the Review Committee, a formal motion may then be entered into the Board minutes by the member who made the original proposal. That motion shall be automatically tabled by the Board until the next regular monthly Board meeting. The motion must then be voted upon by the Board. If further action is required, a notice shall be sent to all members via First Class U.S. mail, a minimum of two weeks ahead of the following month's regular monthly membership meeting. (Example: The Board votes at

At this next meeting, the membership shall resolve to a committee-of-the-whole and conduct a hearing to determine the validity of the reasons for removal. The hearing shall be chaired by the Review Committee Chairman or another FRRL member appointed by him. When the hearing has been completed, an immediate vote shall be taken on the motion. A three-fourths (3/4) vote of the members present shall be required to approve said motion.

Article IX - Committees

Section 1.0 All committee chairs, the database manager, the newsletter editor, and the license trustee, shall be FRRL members, shall have a valid amateur radio license, and shall be appointed or removed by the President, subject to confirmation by the Board of Directors. Unless stated otherwise, these individuals shall appoint the remaining members of their committee, and shall have ultimate responsibility for all committee operations within the budgeted expense limits for that committee. The regular members of the committee are not required to have a valid amateur radio license.

Section 2.0 Standing committees are described in **Sections 2.1** through **2.5** of this Article. All standing committee chairs shall be published on the Club website. They are: (a) Banquet; (b) Field Day; (c) Public Relations; (d) Nominations and Elections; (e) Technical; (f) Program; and (g) Education. The President, by January 31st of each year, shall appoint from the membership, chairpersons for standing committees.

Section 2.1 The chairperson for each committee will be responsible for directing the activities of that committee, including (a) communicating with their committee members the necessary actions to be taken; (b) creating a budget or projection of costs to perform the committee's functions and presenting such requests for allocation of funds to the Board of Directors for its consideration; (c) overseeing the expenditure of any funds allocated for the operation of the committee, in cooperation with the Treasurer; (d) encouraging other members to join the committee to assist in performing the committee's duties (including representatives of Corporate Members), and naming such persons as members; (e) appointing a committee vice chair; and (f) preparing such reports as are necessary and required for consideration by the President, the Board of Directors, as applicable.

Section 2.2 Committee chairpersons shall be deemed to have discretion in the performance of the committee's duties and are entitled to make reasonable and necessary decisions that facilitate the operation of their committee, which decisions do not conflict with the Club By-laws or any previous decision made by the Board of Directors.

Section 2.3 Notwithstanding the foregoing, all decisions made by the committee chairpersons, remain subject to the authority of the Board of Directors.

1. The Field Day Committee shall be responsible for the organization and operation of the ARRL Field Day event.
2. The Education Committee shall be responsible for license training classes. This includes promotion, scheduling, coordinating instructors and other duties as assigned.
3. The Program Committee shall be responsible for providing educational, informative and entertaining programs for the membership at each regular meeting.
4. The Public Relations Committee shall inform the general public of meetings, events and activities of the FRRL and, in general, act to promote amateur radio to the general public.
5. The Technical Committee shall be available to members who request technical assistance in amateur radio; make recommendations to the Board on technical matters affecting the amateur community as a whole; and provide guidance in the planning of the technical aspects of FRRL projects and activities. A form to request guidance is available to any member.

6. The Banquet Committee shall recruit members and non-members to organize an annual banquet. The banquet program shall recognize amateur radio member accomplishments, for example, license upgrades, DXCC, and WAS. Location, meal planning, program, and pricing will be determined by the Banquet Committee.

7. The Nominations and Elections Committee consists of three (3) members appointed by the President, subject to confirmation by the Board of Directors, shall be announced at the regular September membership meeting.

8. Additional ad hoc (special purpose) committees may be appointed, from time to time, as deemed necessary. Due to the transient nature of these committees, they are not published in the annual FRRL Membership Roster.

9. The ad hoc Review Committee shall consist of a chair and two additional members appointed by the President, subject to confirmation by the Board of Directors. The committee shall be responsible for investigating and resolving - without further membership involvement, if possible - any dispute or proposal referred to it by the FRRL Board of Directors. In the event of a dispute against the President, the Vice President shall convene the committee.

Section 2.4 Additional individual assignments may be appointed by the President, from time to time, as

deemed necessary. Due to the transient nature of these committees, they are not published in the annual FRRL Membership Roster.

1. The Database Manager shall maintain a membership roster and provide roster updates as necessary.

2. The License Trustee for Club call W9CEQ shall be responsible for the proper use and maintenance of the FRRL Amateur Radio Club License.

3. The Newsletter Editor shall be responsible for the publication and distribution of the monthly FRRL newsletter. The newsletter shall be used to inform the membership of meetings, notices as required by the bylaws, events, activities, and other items of interest relating to amateur radio.

4. The Webmaster shall be responsible for the installation and maintenance of the FRRL World-Wide Web Site. (site) The web site shall be used to inform both the members and the public about FRRL activities, and to provide the means for interactive communications between the members and between potential members and the club officers.

Section 2.5 All committee chairs, the Database Manager, the Newsletter Editor, and the License Trustees shall be current FRRL members, and shall possess a valid amateur radio license. The other committee members are not required to have a valid amateur radio license.

Article X - Repeater Board

Section 1. Purpose. The Repeater Board is tasked with the operation and maintenance of the FRRL repeaters. This board will be operationally independent of the FRRL Board of Directors but will work within the fiscal constraints of the FRRL budget and will provide quarterly reports to the Board and membership concerning any repeater issues and their corrective actions.

Section 2. The Repeater Board shall consist of five FRRL members who hold valid amateur radio licenses: Chairman, License Trustee, Secretary and two additional members who are appointed by the FRRL President with the advice and consent of the FRRL Board of Directors. Repeater Board members may only be removed by the FRRL President with the advice and consent of the FRRL Board of Directors.

Section 3. The License Trustee for the club callsign of W9CEQ shall serve on the Repeater Board for an indefinite period. The other four members shall serve staggered two-year terms. All fractional term vacancies shall be filled by appointment by the FRRL President with the advice and

consent of the FRRL Board of Directors.

Section 4. The Repeater Board shall meet a minimum of four times a year on a quarterly basis. A quorum of four members is required to conduct all business. The board's Secretary shall take formal minutes of all meetings and present a report of each meeting at the next regular FRRL Board of Directors meeting.

Section 5. The Repeater Board Chair shall be selected by the members of the Repeater Board to serve for a period of one (1) year. To be eligible to serve as the Repeater Board Chair, the candidate must have served on the Repeater Board for a minimum of two (2) years.

Section 6. The Repeater Board's duties shall consist of:

1. Establishing and enforcing repeater use policies and/or guidelines for all FRRL repeaters. These shall be approved by the FRRL Board of Directors.
2. Establishing and maintaining all repeater site use agreements.
3. These agreements shall be approved by the FRRL Board of Directors and signed by the FRRL President on behalf of the corporation.
4. Providing for the maintenance of all repeater system equipment.
5. Planning and implementing new repeater features and/or replacement of equipment.
6. Developing and following an annual budget that includes both operation and capital expense projections, and income estimates to cover these expenses. This budget shall be approved by the FRRL Board of Directors as a specified section of the annual FRRL Budget.
7. Resolving - without further membership and FRRL Board involvement, if possible - all disputes about repeater development, maintenance, use, and protocol. If the Repeater Board is unable to do this, the dispute shall be referred to the FRRL Board of Directors for further action.

Article XI - Meetings

Section 1. The regular monthly membership meetings of the Fox River Radio League, Inc. shall be held on the second Tuesday of every month. The Board of Directors of the Fox River Radio League, Inc. shall hold a monthly meeting at a location, date, and time of its choosing. The FRRL newsletter and the Club website shall be the normal vehicle for official notification of all board and membership meetings.

Section 2. Any permanent changes in the date, time, and/or location of the regular monthly membership meetings shall be proposed by the Board of Directors and ratified by a simple majority of the membership present at a duly called membership meeting.

Section 3. All board, committee, and membership meetings shall be conducted under Robert's Rules of Order unless otherwise specified in the FRRL Bylaws.

Section 4. Voting at all membership meetings shall be done only by FRRL members. In the case of FRRL family memberships, only those persons domiciled at home and holding a valid amateur radio license shall vote. If a given issue cannot be determined by ayes and nays, a show of hands shall be used unless a simple majority of the members' present vote to use a secret ballot. Proxy voting is not allowed. Absentee voting shall be allowed only for the election of officers and directors as described in Article VII.

Section 5. All general membership voting, electing, or approving of transactions of club business required by these Bylaws shall be held at a duly called FRRL membership meeting at which a quorum is present. At said membership meetings, a quorum shall be fifteen (15%) percent of the total voting membership except when a twenty percent (20%) quorum shall be required for voting on Bylaws amendments, Officer and Director removal or Member removal.

Article XII – Dues

- Section 1. The membership dues of the Fox River Radio League, Inc. shall be thirty dollars (\$30.00) per year; except that senior citizens (65 & older), military personnel on active duty, and full-time students not yet having attained their twenty-second birthday, shall pay twenty-five dollars (\$25.00) per year. A family membership shall be forty dollars (\$40.00) per year regardless of the number of household family members.
- Section 2. The optional FRRL repeater contribution shall be established by the Fox River Radio League Repeater Board per year for all levels of FRRL membership.
- Section 3. New members joining the FRRL after the first three (3) months of the year shall pay dues pro-rated to the quarter of the year in which they first join. Example: individual or family memberships joining in April-May-June quarter pays seventy-five percent (75%) of the annual rate.
- Section 4. All FRRL membership dues and/or repeater donations for the following year shall be payable starting at the October membership meeting of the current year and shall be due by the January membership meeting of the following year.
- Section 5. Any FRRL member failing to pay the annual FRRL dues by the close of the January membership meeting shall no longer be a member of the Fox River Radio League. Membership in the FRRL Groups.io email reflector will be terminated.

Article XIII - Dissolution & Asset Disposition

- Section 1. In the event of the cessation of any FRRL organizational activities for a period of at least eight (8) calendar months, the then remaining Officers and Directors may submit a proposal to dissolve the FRRL to the members.
- Section 2. Upon approval of a majority of the remaining members, the surviving Officers and Directors shall: (1) Pay all outstanding bills, to the extent that FRRL assets permit, (2) Surrender the Corporate Charter to the Secretary of State of Illinois, and (3) Transfer all remaining organization assets to the American Radio Relay League Foundation, a charitable foundation as defined by applicable Federal IRS Regulation(s) and/or Statutes.

Article XIV - Amendments

- Section 1. Any amendment to the FRRL Bylaws shall be proposed in writing by a member. The proposed amendment shall clearly state which Article(s) and Section(s) would be changed.
- Section 2. The proposed amendment shall be read in full at a regular membership meeting by the President; discussed and amended as deemed necessary by the membership; and then tabled for a vote at the next monthly membership meeting following its publication. The proposed amendment shall then be published in the FRRL newsletter. Once the proposed amendment has been published, it is no longer amendable, unless it is published again in its amended form.
- Section 3. At the next regular membership meeting following publication, or re-publication of the proposed amendment, a membership vote shall be conducted. A two-thirds (2/3) majority of the voting members in attendance shall be necessary to pass the proposed amendment. The amendment, unless otherwise specified, shall take effect immediately upon membership ratification.

ARRL Helps Radio Amateurs Comply with New RF Exposure Evaluation Rules

On May 3, 2021, [new FCC rules governing RF exposure evaluations](#) went into effect. While the exposure limits were not changed, the requirement to conduct an evaluation was made more broadly applicable to amateur licensees. A 2-year transition period was implemented to allow existing amateur licensees to conduct evaluations and make any changes necessary to ensure that their station complies with the exposure rules. On May 3, 2023, the transition period ended. All licensees must now conduct evaluations of their current station and reassess compliance when making changes to their stations that would affect exposure going forward.



[As detailed in a May 2023 QST article by Greg Lapin, N9GL](#), the rules now require amateur radio operators to perform station evaluations. The Amateur Radio Service is no longer categorically excluded from certain aspects of the RF exposure rules, and licensees can no longer avoid performing an exposure assessment simply because they are transmitting below a given power level.

The ARRL website features an [RF Exposure landing page with resources](#), such as an RF exposure calculator, the entire RF Safety section from the 100th Edition of the ARRL The Handbook, a video explaining the topic, FAQs about the subject, and more. These tools and resources are available to the public without an ARRL membership or website account.

For further assistance with technical matters, ARRL members enjoy the additional resources of the [ARRL Technical Information Service](#), and access to the experts within the ARRL Lab.



Please note that this guide was finally put out for RF Exposure... There is lots of information about this on the web... I am by no means an expert on this at all... I wanted to bring this information to you so that you can take appropriate actions, if needed, with your stations..

N9JLC

Non-ionizing radiation

A type of low-energy radiation that does not have enough energy to remove an electron (negative particle) from an atom or molecule. Non-ionizing radiation includes visible, infrared, and ultraviolet light; microwaves; radio waves; and radiofrequency energy from cell phones. Most types of non-ionizing radiation have not been found to cause cancer.

Radiation sickness results when humans (or other animals) are exposed to very large doses of ionizing radiation.

<http://www.arrl.org/fcc-rf-exposure-regulations-the-station-evaluation>





If You Have Anything

For Sale

To Trade

Looking For/Or

To Loan

Advertise Here



To advertise email: NEWSLETTER@FRRL.ORG

For Sale: Hammurland HQ-145 general coverage receiver. The receiver has been restored by a retired Motorola engineer. Manual included. Asking \$275 or best offer

Contact Dean at: deankb73@aol.com



Golden Rules
of Borrowing

Return it Quickly

Return it In Great
Condition

Break it - Replace
it

Return the Favor



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Technician/General Classes:

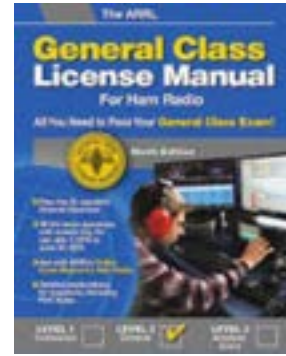


Technician Class

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

**Start:
End:**

**Location: Zoom Meeting
[Link to be distributed prior]**



General Classes:

**Thursday Evenings
6:30 P.M. to 9:30 P.M.**

**Start:
End:**



**Meeting
[Link to be distributed prior]**

The Fox River Radio League (FRRL) presenters are looking for new Amateurs interested in gaining their Technician and Extra class licenses.

These are free courses where you can learn to receive the appropriate FCC radio license.

The textbook for the class is available for purchase via the club at www.frrl.org

Classes are instructed by experienced hams on topics of discussion.

In addition to the regular session a special VE session will be held.



**Extra Radio Classes
Resume
September 2nd**

The General Class License Manual. Books are available for purchase at www.frrl.org and www.arrl.org

Let's have some interesting and engaging conversations to ensue around the topics of discussion.

In addition to the regular session a special VE session will be held. In addition to the bi-monthly testing we will be scheduling a dedicated VE session with the class participants. For more information on www.frrl.org sessions.

We are in need of

Instructors

If you are willing to teach a section or two contact education@frrl.org

Please Note that classes are 9 weeks long.. You can contact Dennis Barfus at: W9HI@arrl.net if you have any questions



UNITED STATES OF AMERICA FEDERAL BUREAU OF INVESTIGATION 1585 BULLOCK DRIVE									
W9CEQ									
Fox River Radio League PO Box 673 Batavia IL 60510-0673									
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OCT 10 2023 FBI - CHICAGO [Signature]									

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:

July 20, 2023
September 21, 2023
November 16, 2023

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



No Walk-ins. All events subject to COVID-19 venue availability and restrictions.
Please pre-register by [emailing](#) or calling Dan Harmon 630-272-1768

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.





June 2 - 4 | [SEA-PAC](#), hosting the ARRL Northwestern Division Convention, Seaside, Oregon



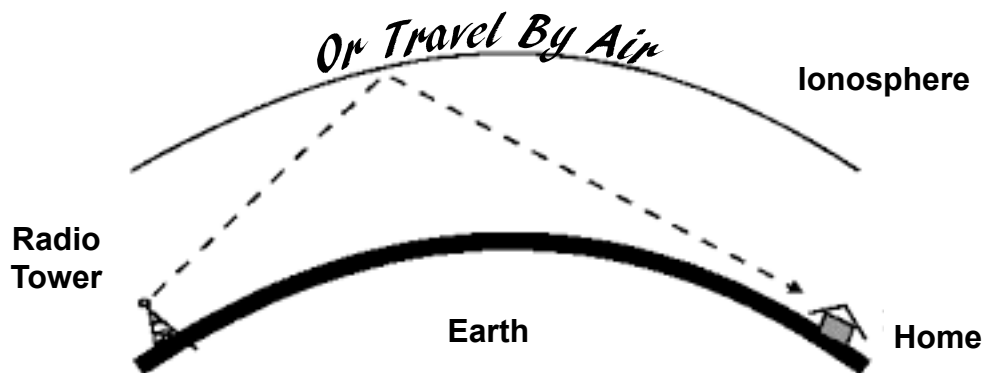
June 3 | [Atlanta Hamfest](#), hosting the ARRL Georgia Section Convention, Marietta, Georgia



June 4 | [BreezeShooters Hamfest](#), hosting the ARRL Western Pennsylvania Section Convention, Prospect, Pennsylvania



June 17 | [Knoxville Hamfest](#) and Electronics Convention, hosting the ARRL Tennessee State Convention, Knoxville, Tennessee





Ham Fests

06/04/2023 - Starved Rock Radio Club Hamfest

Location: Mendota, IL

Type: ARRL Hamfest

Sponsor: Starved Rock Radio Club

[Learn More](#)

06/11/2023 - 63rd Six Meter Club of Chicago Hamfest

Location: Wheaton, IL

Type: ARRL Hamfest

Sponsor: Six Meter Club of Chicago & Chicago Suburban Radio Association

Website: <https://hamfest.k9ona.com>

[Learn More](#)

06/11/2023 - Egyptian Fest 2023

Location: Granite City , IL

Type: ARRL Hamfest

Sponsor: Egyptian Radio Club, Inc.

Website: <http://w9aiu.org>

[Learn More](#)

All Operators Net



“EVERY” Sunday for “EVERY” Operator

New or experienced...ALL are Welcome

1900 hrs (7pm) local time

147.21 103.5PL +600

On the FOX VHF Repeater



Feel free to share your thoughts, experiences, recipes and hobbies etc.

“It does not have to be about radio to talk on the radio!”

For more info about the NET contact:

Mike K9FE 630-327-5164 K9FE@yahoo.com

Calling all newly licensed hams.

Remember the old Radio Shack slogan “You’ve got questions, We’ve got answers”?

Well, I know new hams have a lot of questions and those of us that have been hams for a while have the answers.

I will be adding a new segment to our Tuesday Night Net called “ask Elmer” If you have a question about ham radio, ask it on the air and someone will give you the answer over the air.

Now, for this to work properly we need lots of questions and lots of people who know the answers.

Don’t be afraid to ask a simple or “stupid” question, we all had them when we started. Would you like to be an “Elmer” without getting out of your chair? Well, this is the opportunity you have been waiting for.

I want to invite all the club members to check-in to the net and either ask a question or provide an answer.

You never know what you might learn or what fun you will have if you don’t join the net. For those who may need a reminder, The net meets on our club 2-meter repeater (147.21 MHz, 103.5 Hz PL tone) Every Tuesday at 7:30PM except on our meeting nights.

Hope to hear you on the net soon.

73, Curt W9YNP



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

Dave K9wdb



There are plenty of volunteer organizations that could use your radio skills.



Consider volunteering
you can make
the difference !!



American Red Cross



The Amateur Radio Emergency Service® (ARES) consists of licensed amateurs who have voluntarily registered their qualifications and equipment, with their local ARES leadership, for communications duty in the public service when disaster strikes. Every licensed amateur, regardless of membership in ARRL or any other local or national organization is eligible to apply for membership in ARES. Training may be required or desired to participate fully in ARES. Please inquire at the local level for specific information. Because ARES is an amateur radio program, only licensed radio amateurs are eligible for membership. The possession of emergency-powered equipment is desirable, but is not a requirement for membership.

ARES

Every licensed amateur, regardless of membership in ARRL or any other local or national organization is eligible to apply for membership in ARES.

ARES Resources

- [Download the ARES Manual \[PDF\]](#)
- [ARES Field Resources Manual \[PDF\]](#)
- [ARES Standardized Training Plan Task Book \[Fillable PDF\]](#)
- [Emergency Communications Training](#)

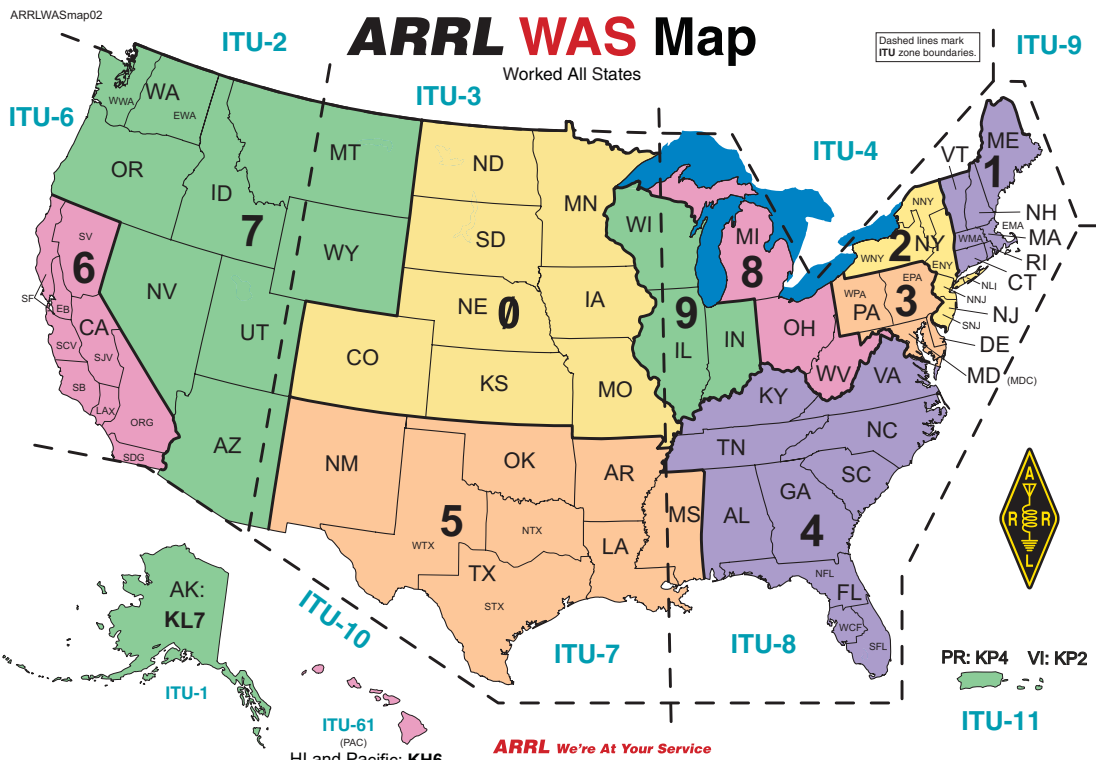
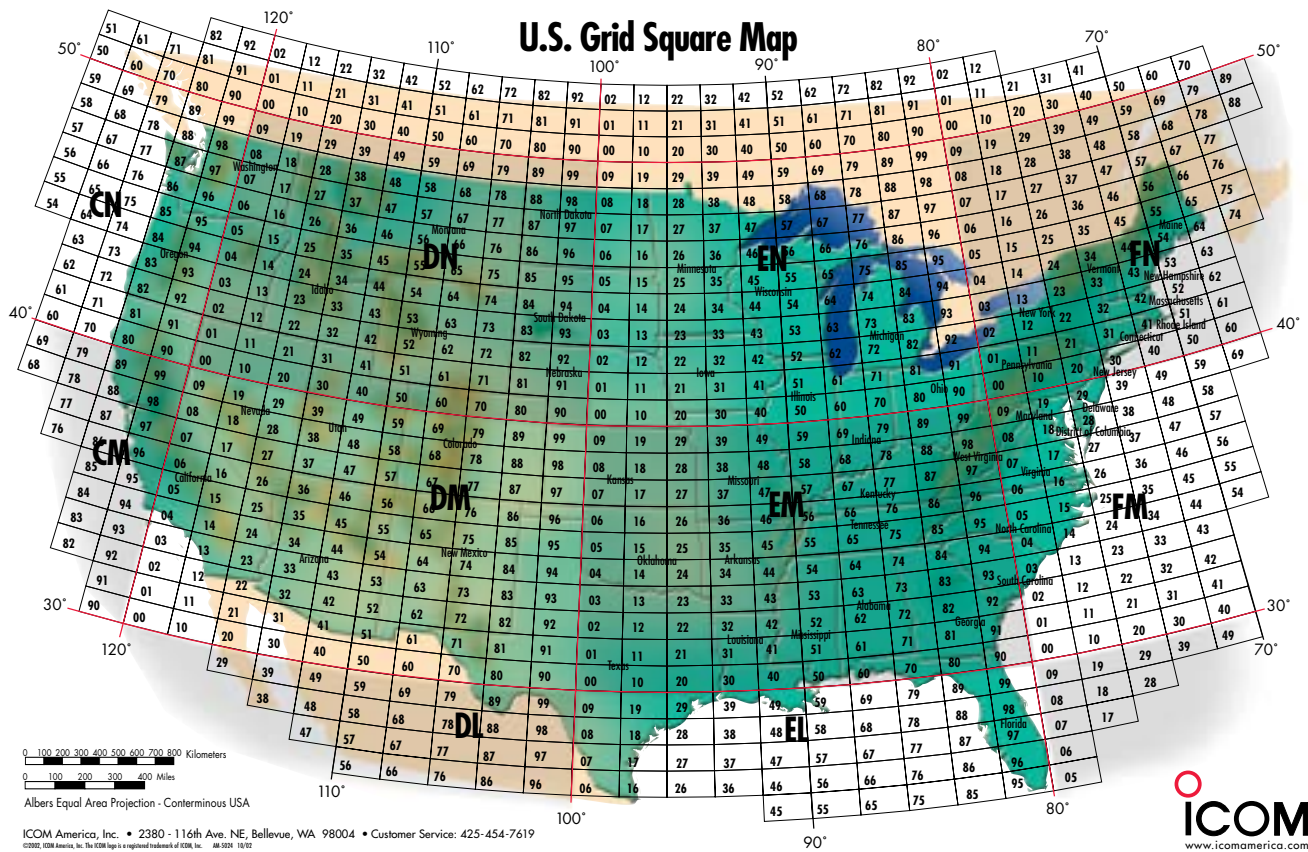


Kane County ARES

Information

[Click Here](#)





ARRL The national association for
AMATEUR RADIO

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ARRL We're At Your Service

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Exams
ARRL on the World Wide Web

860-594-0200 (Fax 860-594-0259)
Toll-Free 1-888-277-5289 (860-594-0355)
Toll-Free 1-888-277-5289 (860-594-0338)
Toll-Free 1-800-326-3942 (860-594-0355)
860-594-0300
www.arrl.org/

hq@arrl.org
orders@arrl.org
membership@arrl.org
newham@arrl.org
vec@arrl.org



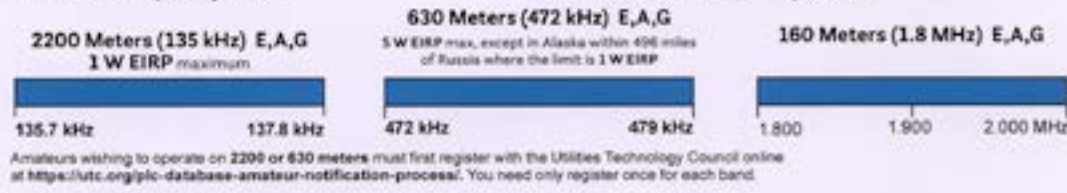


US Amateur Radio Bands

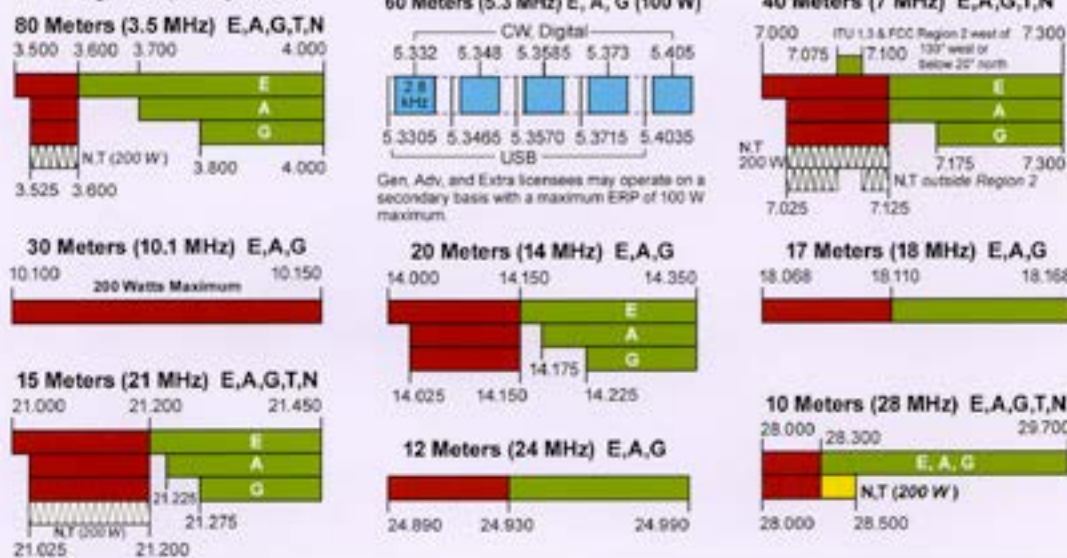
Operator license classes: **E** = Amateur Extra **A** = Advanced **G** = General **T** = Technician **N** = Novice
 CW operation is permitted throughout all amateur bands. Except as noted, all frequencies are in megahertz (MHz).

■ = RTTY, data, phone, image
 ■ = USB phone, RTTY, data and CW
 ■ = RTTY and data
 ■ = phone and image
■ = SSB phone
 [CW symbol] = CW only

LF – Low Frequency band



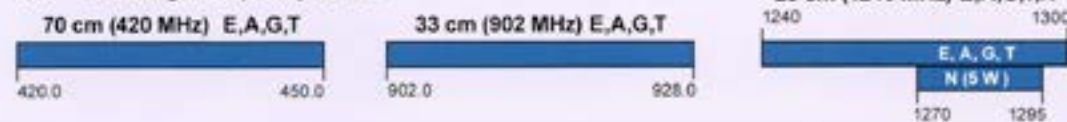
HF – High Frequency bands



VHF – Very High Frequency bands



UHF – Ultra High Frequency bands



SHF&EHF – Super and Extremely High Frequency bands

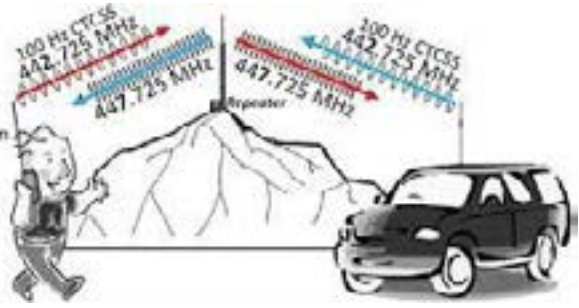
All licensees except Novices are authorized all modes on the following frequencies:
 2300-2310 MHz 3300-3500 MHz 50.0-50.5 GHz 47.0-47.2 GHz 122.25-123.0 GHz 241-250 GHz
 2390-2450 MHz 5650-5925 MHz 24.0-24.25 GHz 76.0-81.0 GHz 134-141 GHz All above 275 GHz

See www.arrl.org/band-plan for detailed band plans.
 Copyright © ARRL 2020
 OTAbands rev. 1-22-20

FRRL

70 cm Band
5 MHz Negative
Offset Example

447.725 MHz: Your Listen
(Repeater Transmit)
442.725 MHz: Your Talk
(Repeater Receive)



**AND OTHER
LOCAL REPEATERS**

FRRL Repeaters- W9CEQ

147.225 MHz - Plano
Mode: **Auto C4FM / Fusion, FM, Wires X**
+600 KHz Offset, 100.0 Access Tone

147.21 MHz - Elburn
Mode: FM (Echolink Available)W
+600 KHz Offset, 103.5 Access Tone

444.300 MHz - Elburn
Mode: FM
+5 MHz Offset, 114.8 Access Tone

223.86 Mhz - Aurora
Mode FM
-1.6 Mhz Offset, 110.9 access Tone

442.10625 MHz (B) - Elburn
Mode: D-Star
+5 MHz Offset



**Other Area Repeaters
W9XA**

53.910 - Batavia
-1.0 MHz offset PL 114.8 Hz

224.4 MHz - Batavia
-1.6 MHz offset PL 103.5 Hz

443.64375 MHz - Elburn
+5 MHz offset DMR 311759

443.65625 MHz - Plano
+5 MHz offset DMR 311760

1292.00 MHz - Batavia
-20 KHz 114.8 Access Tone

927.625 - Batavia
+25 MHz offset PL 114.8 Hz

W9DWP

145.270 MHz - Elburn
-600 KHz offset PL 107.2
ARES APCO P25 NAC 293

NIARC W9ZGP

147.06 MHz - Batavia
Mode FM +600 kHz offset PL 103.5.

Auto C4FM / Fusion, FM, Wires X Repeaters

K9IIK/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