



ARCOVER

NOVEMBER 2023



The Official Newsletter of the Fox River Radio League
99 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 :1

Ruben Noceda K9ARN

Director: 2

Jim Brady W9JB

Director 3

Paul Mitchell KC9SEB

Director 4

John Greusel

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.

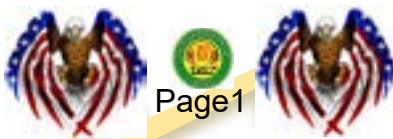
We meet on the 2nd Tuesday of every month at Bethany Lutheran Church, located at 8 S. Lincoln St. in Batavia, Ill. The meeting begins at 7:30 PM and includes a short business portion, social time and a program presentation of interest.

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



Winterheat event that has been quite popular is fast approaching. Get your gear in shape. Winterheat 24 will start January 1 2024. Also keep in mind the 100th anniversary celebration coming up next year. If you have any information or history of the club be sure to pass it on to the committee



President
 Todd
 Welcomes



Our
 Newest
 Members

Call Sign	Name	License
W9CV	Ralph Tessmann	Amateur Extra
K9DTZ	Victor Dietz	Technician
W9RBL	Ralph Loizzo	Technician





ARC OVER

FOX RIVER RADIO LEAGUE MEMBERSHIP MEETING MINUTES

October 10, 2023

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

The October 10, 2023 meeting of the Fox River Radio League was conducted at Bethany Lutheran Church in Batavia, IL. There were 36 members in attendance and 2 on Zoom.

The meeting was called to order at 19:30 CST by President Terry Todd, W9AUV

Board members present.

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 (Absent)

Director 4, John Greusel KC9OJV

Past President, Denny Barfuss W9HI

Minutes: Acceptance of the September 12, 2023 Membership Meeting minutes as printed in the ArcOver were approved by the membership. Motion: Robert W9MZ 2nd: Kai KD9TTV

Treasurer's Report: Dan WA9YKK reported the bank account balances as of October 10, 2023.

Reports:

Nomination committee: Nominating committee has been appointed.

October 10th minutes continued:

Eve W9EVE 100th: Request from membership to contribute any historical items they might have. A video will be created. Banquet will be on September 10, 2024. Meetings of this committee are on Zoom on the first Wednesday following the membership meeting.

Education/VE: Denny W9HI: Education classes are continuing. Next VE session will be in November.

New Business: FRRL Apparel: Will W9WSS has talked to a vendor that is willing to create many items with the club logo and members can contact him direct.

Upcoming events:

October 20th Newsletter deadline

October 22nd IL QSO Party

November 16th VE Session

Adjournment:

The meeting was adjourned at: 8:14 CST Motion: Ruben K9ARN 2nd: Marty N9NTM

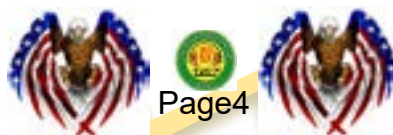
Respectfully submitted,
Art Shuter – NN9I
FRRL Secretary



**PHOTOS FROM OCTOBER
10th MEETING**



**PHOTOS FROM OCTOBER
10th MEETING**



**NOVEMBER
2023**



**FOX
RIVER
RADIO
LEAGUE**

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
			1	2	3	4 Extra License Class 9a-1230p
5 FALL INFORMAL ALL OPR NET 1900	6 CW NET 28.150 2000 SSB NET 28.720 2030	7 1900 FRRL BOD Meeting 1930 FRRL 2m Net	8	9	10 USMC Birthday	11 VETERANS DAY Extra License Class
12 INFORMAL ALL OPR NET 1900	13 CW NET 28.150 2000 SSB NET 28.720 2030	14 1930 FRRL Membership Meeting No Net	15	16 VE Exam	17	18 Extra License Class 9a-1230p
19 INFORMAL ALL OPR NET 1900	20 Newsletter Deadline	21 1930 FRRL 2m Net	22	23 Thanksgiving	24 BLACK FRIDAY	25
26 INFORMAL ALL OPR NET 1900	27 CW NET 28.150 2000 SSB NET 28.720 2030	28 1930 FRRL 2m Net	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	

ARC OVER

NEWS AND INFORMATION CENTER

Local - National - International



REMEMBER to turn your clocks back November 5th at 0200

If you would like to nominate yourself or someone else for one of the positions

President - VP - Secretary - Treasurer - Director

Please contact one of the Nomination Committee Members:

[Paul Mitchell](#) [Ruben Noceda](#)
[John Greusel](#)

★ ★ ★ ★ ★
FRRM Officer
and
Director Nominations
2024
Are Now Open
★ ★ ★ ★ ★

Membership rates are as follows:

REG: Regular dues are \$30.00 per year,

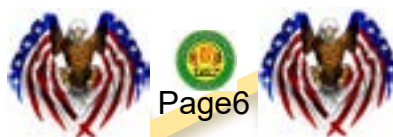
FAM: Family dues are \$40.00 per year (family members at the same address)

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 FRRM Repeaters by making a \$10.00 (or more!) annual contribution.



**PAY / RENEW
MEMBERSHIP
DUES
ONLINE**

**CLICK
HERE**



Under US law, a veteran is defined as a "person who served in the active military, naval, air, or space service, and who was discharged or released therefrom under conditions other than dishonorable."



Thank you for your service...
And thank you for supporting them

The U.S. Air Force Military Auxiliary Radio System (MARS) will be celebrating 75 years of service this November.

There will be a special event starting at 0001Z on November 5, 2023, and it will run through 2359Z on Veterans Day.

More than 700 MARS stations will be calling CQ in the Technician and General portion of the 160 - 6-meter bands using SSB, CW, and digital modes. Special event call signs will be W1A through W1K, and bonus stations call signs will be K4AF and KE6UEU. QSL cards will not be issued, but a certificate will be available for every contact.

More info at [MARS](https://www.mars.gov)





Thanksgiving



Thanksgiving Day, annual national holiday in the United States and Canada celebrating the harvest and other blessings of the past year. Americans generally believe that their Thanksgiving is modeled on a 1621 harvest feast shared by the English colonists (Pilgrims) of Plymouth and the Wampanoag people. The American holiday is particularly rich in legend and symbolism, and the traditional fare of the Thanksgiving meal typically includes turkey, bread stuffing, potatoes, cranberries, and pumpkin pie. With respect to vehicular travel, the holiday is often the busiest of the year, as family members gather with one another.

Plymouth's Thanksgiving began with a few colonists going out "fowling," possibly for turkeys but more probably for the easier prey of geese and ducks, since they "in one day killed as



much as...served the company almost a week." Next, 90 or so Wampanoag made a surprise appearance at the settlement's gate, doubtlessly unnerving the 50 or so colonists. Nevertheless, over the next few days the two groups socialized without incident. The Wampanoag contributed venison to the feast, which included the fowl and probably fish, eels, shellfish, stews, vegetables, and beer. Since Plymouth had few buildings and manufactured goods, most people ate outside while sitting on the ground or on barrels with plates on their laps. The men fired guns, ran races, and drank

liquor, struggling to speak in broken English and Wampanoag. This was a rather disorderly affair, but it sealed a treaty between the two groups that lasted until King Philip's War (1675-76), in which hundreds of colonists and thousands of Native Americans lost their lives.

President Abraham Lincoln. On October 3, 1863, during the Civil War, Lincoln proclaimed a national day of thanksgiving to be celebrated on Thursday, November 26.



The holiday was annually proclaimed by every president thereafter, and the date chosen, with few exceptions, was the last Thursday in November. President Franklin D. Roosevelt, however, attempted to extend the Christmas shopping season, which generally begins with the Thanksgiving holiday, and to boost the economy by moving the date back a week, to the third week in November. But not all states complied, and, after a joint resolution of Congress in 1941, Roosevelt issued a proclamation in 1942 designating the fourth Thursday in November (which is not always the last Thursday) as Thanksgiving Day.



The ARRL Foundation is now accepting grant applications from amateur radio organizations for eligible amateur radio-related projects and initiatives, particularly those focused on educating, licensing, and supporting amateur radio activities. To grow amateur radio's future, youth-based projects and initiatives are especially encouraged. The ARRL Foundation grants

program accepts proposals on a cyclical basis three times a year: in February, June, and October. Proposals for the June grant period are accepted through October 31. Awardees will be notified approximately 1 month after the closing of each cycle. The ARRL Foundation is also celebrating its 50th anniversary. The Foundation carefully manages a portfolio of endowments where donors have provided specific goals for their gifts, and that portfolio is invested and managed so that it can continue to support those goals for many years to come.

Additional information and a link to the grant application form can be found at:

<http://www.arrl.org/amateur-radio-grants>



If you have any memorabilia about the club please contact:
FRRL VP [Eve Schneider W9EVE](#)

A POTA Book for Park Activators and Hunters!

[The Parks on the Air Book](#) gives you a look at the setups and processes of 14 operators from a variety of skill levels and backgrounds and offers advice and motivation for taking your radio out to a park. Each chapter includes a detailed gear list so you can see exactly what your fellow operators are using, whether they're leaders of the pack like Kerri Wright, KB3WAV, and Clint Sprott, W9AV, or folks just getting started with Parks on the Air. Setups cover satellite operating, QRP, urban backpack portable, activating tailgate-style, wire antennas for POTA, and more.



Updating the Amateur's Code

by Dan Romanchik, KB6NU

There have been several versions of the Amateur's Code since it was written by Paul M. Segal, W9EEA, in 1928. Here's the version that currently appears in [Ethics and Operating Procedures for the Radio Amateur, Edition 3, June 2009](#):

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/[her] country, through which Amateur Radio in his country is represented nationally and internationally.

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

FRIENDLY... He operates slowly and patiently when requested; offers friendly advice and counsel to beginners; 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/[Her] station and skills are always ready for service to country and community.

Well, now the IARU is updating Ethics and Operating Procedures for the Radio Amateur, and I'm part of the group that's working on the update. One of our tasks is to make the text more gender-neutral. The ARRL has a somewhat [gender-neutral version of the Code](#), but really all they did was to replace "he" with "he/she."

That being the case, I've taken it upon myself to create not only a gender-neutral version of the Code, but to also clarify some of the language. Here's what I've come up with so far:

The Radio Amateur is

CONSIDERATE... The radio amateur never knowingly operates in such a way as to lessen the pleasure of others.

LOYAL... The radio amateur is loyal to and supportive of other amateurs, local clubs, and the IARU Radio Society in their country.

PROGRESSIVE... The radio amateur's station up to date, well-built, and efficient. Their operating practice is above reproach.

FRIENDLY... The radio amateur operates slowly and patiently when requested and offers friendly advice and counsel to beginners. They are also cooperative and considerate of the interests of others.

BALANCED... Radio amateurs realize that radio is a hobby and never allow it to interfere with their duties owed to family, job, school, or community.



PATRIOTIC... The radio amateur's station and skills are always ready for service to country and community.

Not only do I think that my version is clearer, I think that it is more parallel than the previous version.

I [posted this to my blog](#) and got some great feedback from my followers on LinkedIn and Mastodon. For example, Jesse, WB2IFS, pointed me to his version of the Code, which [he published on his blog in September 2022](#). I particular like his rendition of "progressive:"

PROGRESSIVE...An Amateur is curious. An Amateur is enthusiastically and continuously learning new techniques, technologies, countries, and cultures with the understanding that everyone is an Amateur.

I got quite a few [comments on Mastodon](#). Several folks wanted me to reconsider the use of the term "patriotic." Christopher, M0YNG, said, "I'm not a massive fan of "patriotic" and wonder if it could be more "humanity focused" rather than country[-focused]? Not sure on the words though." Javid, KE8DET, opined, "Patriotic is often conflated with, and co-opted by nationalism, which contains an inherent aspect of 'my country first.' This sits in opposition to amateur radio being a means to foster international good will."

Andreas, DJ3EI, had a number of comments, but this one I found to be the most appealing. He says, "The old Code requires 'operating practice ... [to be] above reproach.' I highly recommend [a change] to 'always be eager to try something new.' You'll enjoy! I certainly do! Learning+studying is one of the official goals of our hobby! Thus, we may become beginners on a regular basis, bound to make beginner's mistakes. An 'above reproach' angst only hinders."

Sam, N9MII, says, "Perhaps focus on safe and well-considered operation? As in something that doesn't spike all over the band and whatnot." I think that safety is something the the Code is surely missing.

Onno, VK6FLAB, also weighed in. In his version of the Code, he changes the word "patriotic" to "supportive." He writes, "The Radio Amateur is SUPPORTIVE...knowledge, station and skills always ready for service to country and community." I'm not sure that's quite the right word, either, but the idea is that the radio amateur is ready to pitch in when needed.

As you can see, there's still some work to be done here. If you have any comments on this, please feel free to email me directly or to add a comment on my blog.

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Dan Romanchik, KB6NU, is the author of the KB6NU amateur radio blog (KB6NU.Com), the "No Nonsense" amateur radio license study guides (<https://KB6NU.Com/study-guides/>), and often appears on the ICQPodcast (<https://icqpodcast.com>). When he's not writing about amateur radio, he tinkers with electronics projects and operates POTA and works CW on the HF bands.





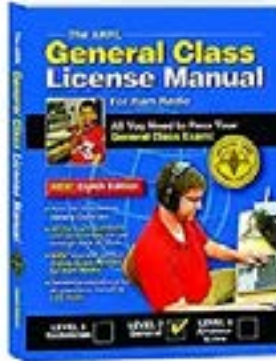
Technician Class

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

Start: TBD
End:



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



General Class

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

Start: TBD
End:

EXTRA classes are held in person at:

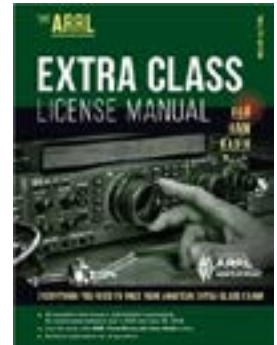


113 Oak St, North Aurora, IL 60542

Extra Class

Saturday Mornings
9:00.AM. to 12:30 P.M.

Start: September 2
End: November 18



The Fox River Radio League (FRRL) presents regular training classes focused toward new Amateurs interested in gaining their Technician class license or upgrading to the General and Extra class licenses.

These are free courses where you will learn everything you need to receive or upgrade to the appropriate FCC radio license.

The textbook for the class will be the official ARRL License Manual. Books are available for purchase via the club at a discounted rate by emailing [education \[at\] frrl.org](mailto:education[at]frrl.org).

Classes are instructor-led, and you can expect engaging conversations to ensue around the topics of discussion.

In addition to our regularly scheduled bi-monthly testing we will be scheduling a dedicated VE session after discussing best availability with the class participants. For more information on VE sessions, please see [VE Test Sessions](#).

We are in need of

Instructors

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

Please Note that Tech & General classes are 9 weeks long..

Extra classes are 12 weeks long.
You can contact Dennis Barfuss at:
W9HI@arrl.net

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.



2023 Chicago Marathon Supported by Amateur Radio

On October 8, 2023, more than 140 amateur radio operators from five Midwest states assisted 2,000 volunteer medical personnel at the Bank of America Chicago Marathon. This is the 15th consecutive year that amateur radio operators have helped coordinate medical responses and arrange for medical resupplies at the Chicago Marathon. About 49,000 runners entered this year's event.

The city-wide marathon uses six main repeater channels and deploys four temporary repeaters. New this year was official use of the

A group of amateur radio volunteers at the 2023 Bank of America Chicago Marathon. [Rob Orr, K9RST, photo.]

Automatic Packet Reporting System (APRS) after organizers trialed it at their other events, including the Bank of America Shamrock Shuffle and the Chicago 13.1. APRS radios were deployed to amateur communication teams in Chicago's Grant Park after the race was finished.



A total of 30 radio operators worked in various capacities before and after the race. Also, there were 100 ham radio operators stationed at each of the 20 course medical tents and the medical hub. In Forward Command, 10 amateur radio operators served as net controls, traffic handlers, logging specialists, and expeditors.

Chicago's Office of Emergency Management and Communications has been nationally recognized for its ability to fully integrate all available resources, and amateur radio operators have been publicly recognized by Federal Emergency Management Agency observers for their performance during the event.

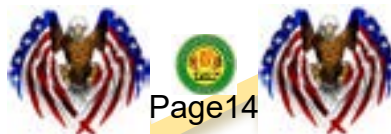
President of Ham Radio Chicago and former president of the North Shore Radio Club Rob Orr, K9RST, said that amateur radio has an important seat at the communications table. "Amateur radio is important to the event. However, it is just one small component [of] a very complex event that requires more than 10,000 volunteers to be successful. Amateur radio has a unique role and works alongside the other many specialty service groups required to support an event of this magnitude," he said. "This event has shown that amateur radio is very much alive and doing well."





Fox River Radio League

Illinois QSO Party Oct 22nd 2023





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



Advertise Here

To advertise email: NEWSLETTER@FRRL.ORG

Golden Rules
of Borrowing

Return it Quickly

Return it in Great
Condition

Break it - Replace
it

Return the Favor



I am selling an unused/new in box MFJ-269D HF/VHF/UHF antenna analyzer surplus to my needs. 3/2023 build date \$450 from MFJ. (They have since lowered the price!) It's still in the plastic so I'd prefer to leave it as is. \$323 for FRRL members. Open to trades.

Kurt KD9SUV

kd9suv@gmail.com



VE Testing

The FRRL, in conjunction with the ARRL VEC, sponsors regular amateur examinations the third Thursday of every March, April, May and June. Ad-hoc sessions are planned during major events and will be added to the schedule here as well.

Upcoming Testing Schedule:

November 16, 2023
January 18, 2024

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.

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November 4 - 5 | [Stone Mountain Hamfest](#), hosting the ARRL Georgia State Convention, Lawrenceville, Georgia

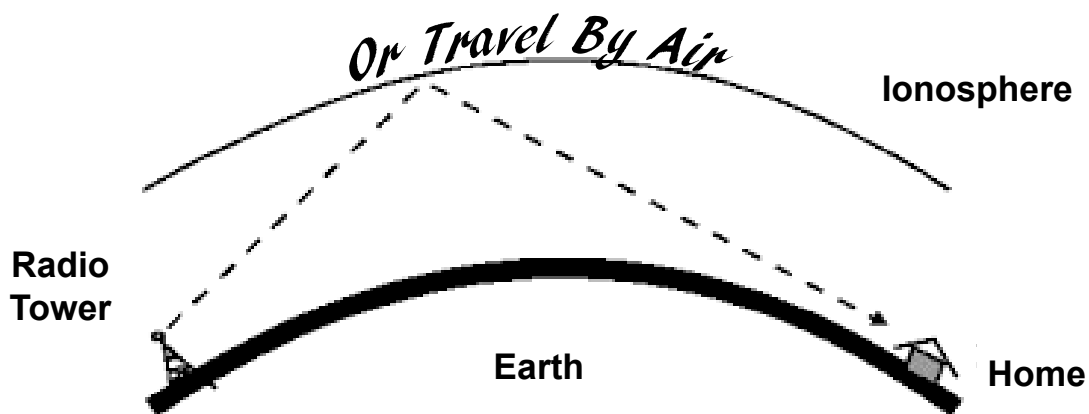


November 4 | [Wisconsin ARES/RACES Conference 2023](#), hosting the ARRL Wisconsin Section Convention, Wisconsin Rapids, Wisconsin



November 18 - 19 | [Fort Wayne Hamfest](#) and Computer Expo, hosting the ARRL Central Division Convention, Fort Wayne, Indiana.

**51st FORT WAYNE HAMFEST
& Computer Expo**
ARRL Central Division Convention





Ham Fests

November 4 – SSARC/RARC 2023 Hamfest, Belton, MO

Sponsor: Southside ARC, Raytown ARC

Website: <https://southsidearc.net/hamfest2023/>

ARRL Contests Update



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

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.

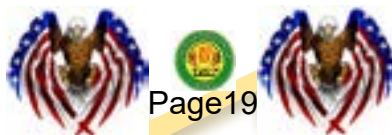
Don’t be afraid to ask a simple or “stupid” question, we all had them when we started. Would you like to be an “Elmer” without getting out of your chair? Well, this is the opportunity you have been waiting for.

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

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

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

© John Devoldere 0N4UN and Mark Demeuleneere 0N4WW

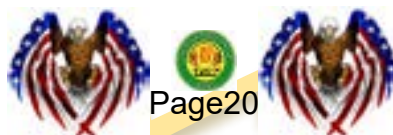
Taken from: [Ethics and Operating Procedures for the Radio Amateur.](#)

BRING BACK "RADIO IN THE PARK"

Harry Jones K9DXA" started "Radio in the Park" years ago. His idea was take your radio out to a local park and set it up and operate. Since we can't have any thing big, just take your rig, wear your mask, set up an antenna, radio and have fun.



The idea of this is bring ham radio to the public. Make a small sign with your name, call sign, and please add FRRL also. Would like some photo of your operation. May get someone to take a picture of you operating. Will try to get your picture into the news letter. Please send a short report to me at my FRRL address. Director3@frrl.org



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



Consider volunteering
you can make
the difference !!



American Red Cross



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

ARES

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

ARES Resources

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

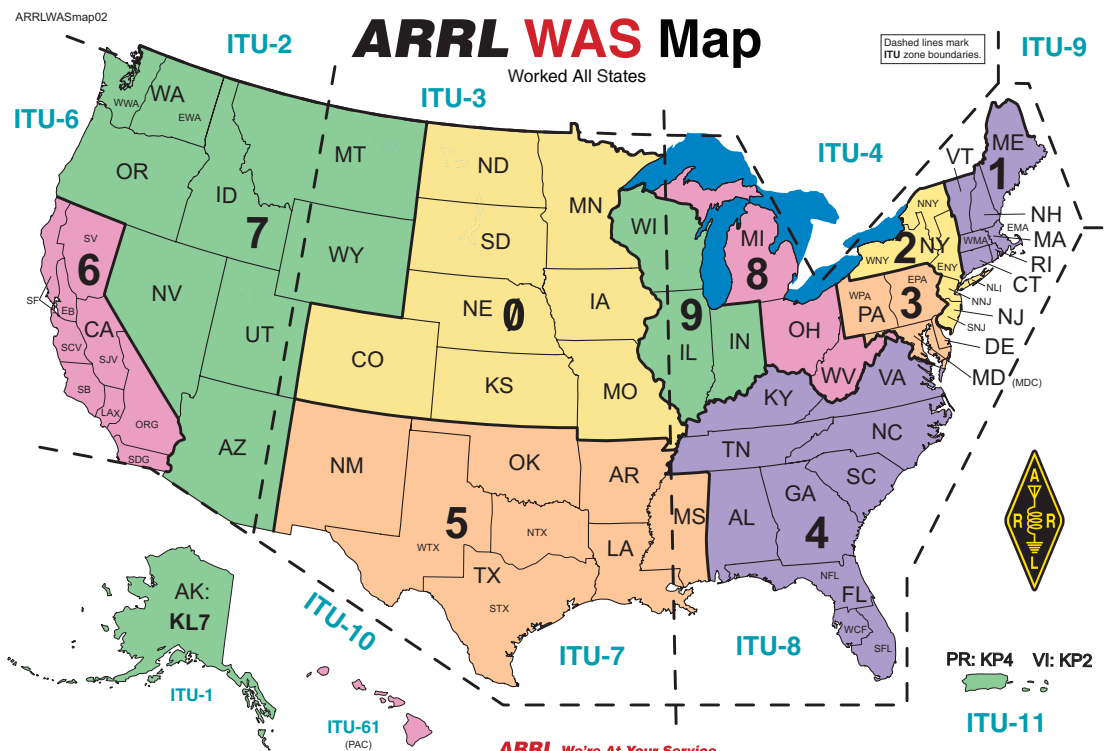
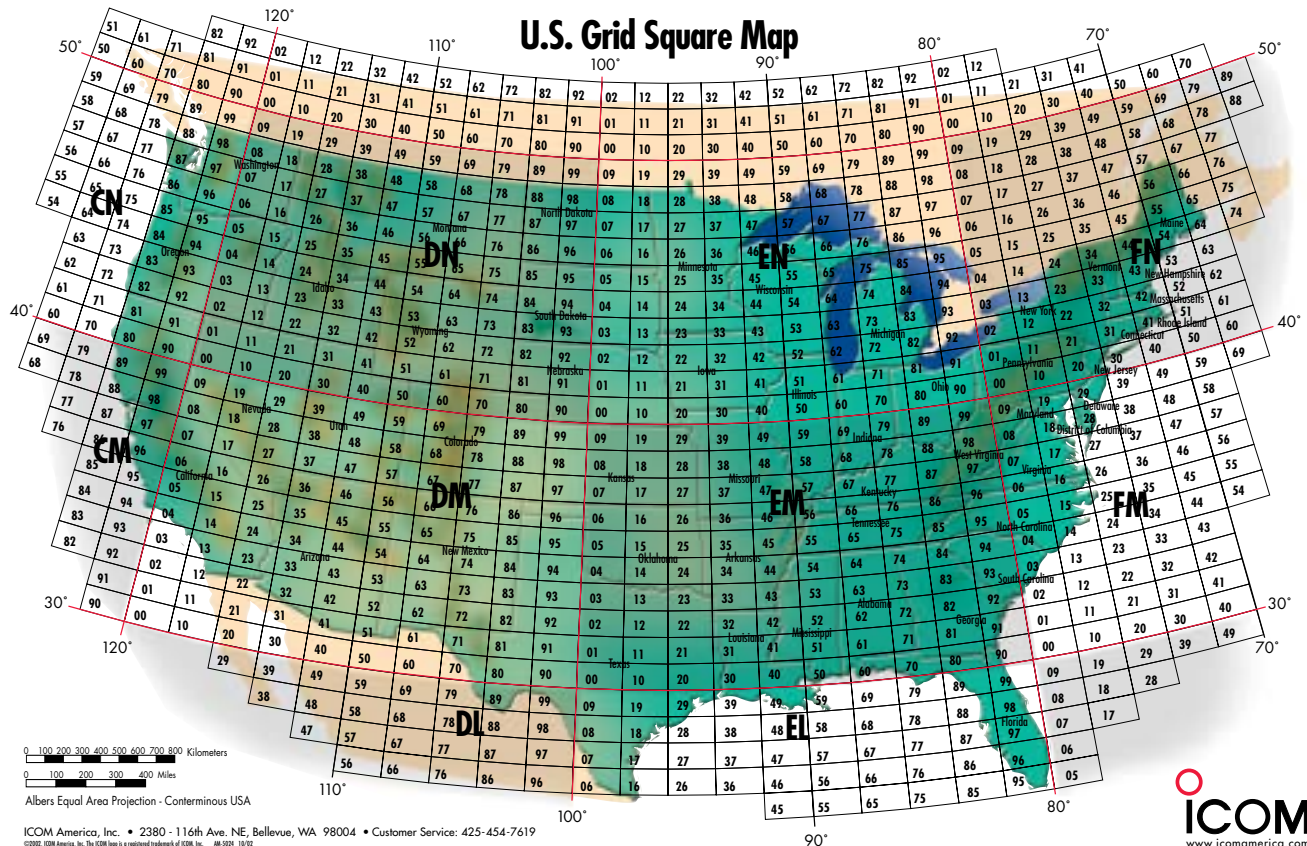


Kane County ARES

Information

[Click Here](#)





ARRL The national association for
AMATEUR RADIO

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 Toll-Free 1-800-326-3942 (860-594-0355)
 860-594-0300
 www.arrl.org

hq@arrl.org
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 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).

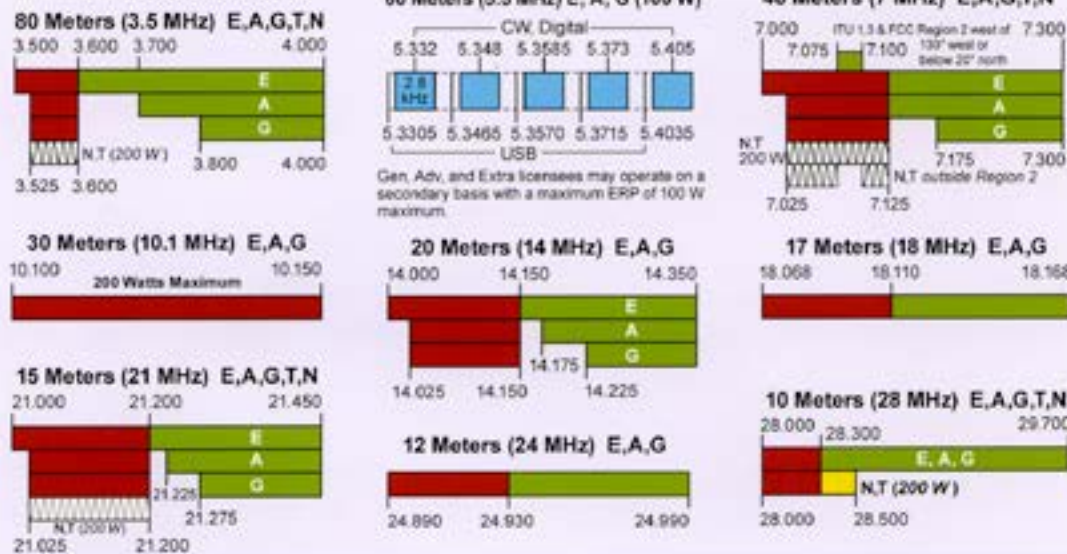
■ = RTTY, data, phone, image
 ■ = USB phone, RTTY, data and CW
 ■ = RTTY and data
 ■ = phone and image
■ = SSB phone
 [CW symbol] = CW only

LF – Low Frequency band



MF – Medium Frequency bands

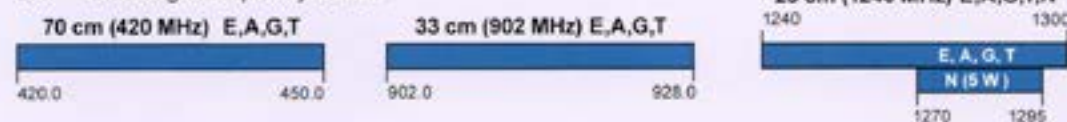
HF – High Frequency bands



VHF – Very High Frequency bands



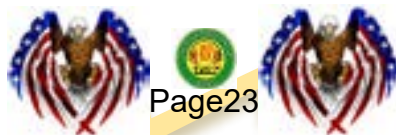
UHF – Ultra High Frequency bands



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

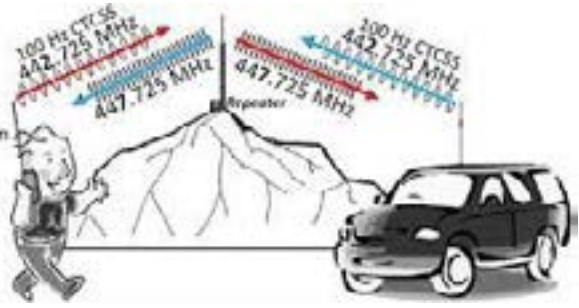
See www.arrl.org/band-plan for detailed band plans.
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 OTAbands rev. 1-22-20



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