



ARCOVER

October 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

A huge thank you to Paul, KC9SEB for setting up the POTA party. Thanks to everyone who came out for it. It was a great success. A similar event coming up will be the Illinois QSO party on Oct. 22 at Nike Park in Naperville. Make plans now to attend. I hope to see you there.

Terry - W9AUV

**Correction on IL QSO location:
 Springbrook Prairie Forest Preserve Shelter
 in Naperville IL**

W
E
L
C
O
M
E

President
 Todd
 Welcomes



Our
 Newest
 Members

Call Sign	Name	License
AA9PR	Paul Regan	Amateur Extra

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ARC OVER

FOX RIVER RADIO LEAGUE MEMBERSHIP MEETING MINUTES

September 12, 2023

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

The September 12th, 2023 meeting of the Fox River Radio League was conducted at Bethany Lutheran Church in Batavia, IL. There were 41 members in attendance and 10 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

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

Past President, Denny Barfuss W9HI

Minutes: Acceptance of the August 8th, 2023 Membership meeting minutes as printed in the ArcOver were approved by the membership. Motion: Tom WD9DAU, 2nd: Jere KA0KPO.

Treasurer's Report: Dan WA9YKK, reported the bank account balances as of 9/12/23.

Reports:

Bylaws committee: A motion was moved to approve updated bylaws by Dean KC9EOQ, 2nd Dan WA9YKK - Motion passed.

Director 1 Ruben Noceda K9ARN RPTR'S: Repeaters are working well.

Director 2 Education: Denny W9HI : There were 15 students attending the extra class. There is a VE session on 9/21/23. The Illinois QSO party will be on Oct 22nd.

Director 3: Club Activities Paul Mitchell KC9SEB: 15 members attended the POTA activity and it was a very enjoyable day for all. A number of stations made enough contacts for activation.

Director 4 Technical John Greusel KC9OJV: We are working on bandpass filters.

Database Manager Mike Urso K9FE: We now have 149 members.

Announcements from the Floor: Dean: KC9EOQ:
10 Meter nets meet on Monday nights at 8pm on 28.150(CW) and 28.720 SSB (SSB). Everyone is welcome.

Adjournment:

Motion to adjourn: Robert W9MZ 2nd: Denny W9HI. The meeting was adjourned at 8:15 CST.

Respectfully submitted,
Art Shuter – NN9I
FRRL Secretary



**FRRL Program by
Paul Mitchell KC9SEB
Picture Courtesy of
Roberto
WA9E**

Hunters



Moon

October 2023

Fox River Radio League

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1 INFORMAL ALL OPR NET 1900	2 CW NET 28.150 2000 SSB NET 28.720 2030	3 1900 FRRL BOD Meeting 1930 FRRL 2m Net	4	5	6	7 Extra License Class 9a-1230p
8 INFORMAL ALL OPR NET 1900	9 	10 1930 FRRL Membership Meeting No Net	11	12	13 	14 Extra License Class 9a-1230p
15 INFORMAL ALL OPR NET 1900	16 CW NET 28.150 2000 SSB NET 28.720 2030	17 1930 FRRL 2m Net	18	19	20 Deadline	21 Extra License Class 9a-1230p
22 IL QSO Party INFORMAL ALL OPR NET 1900	23 CW NET 28.150 2000 SSB NET 28.720 2030	24 1930 FRRL 2m Net	25	26	27 U.S. Navy Day 	28 Extra License Class 9a-1230p
29 INFORMAL ALL OPR NET 1900	30 CW NET 28.150 2000 SSB NET 28.720 2030	31 1930 FRRL 2m Net Halloween				
					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

October Brings us:



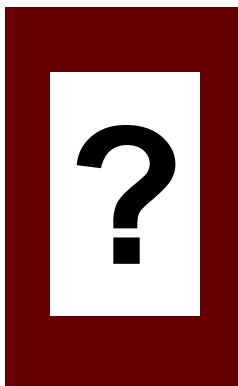
Looking for those who are willing to serve as Club Officers and Directors

A red speech bubble containing a white heart icon and the text "W9CEQ DONATE". Below it, the text "REPEATER FUND" is written in bold black letters. To the right is a small icon of a radio tower with "W9CEQ" written above it.

Donating to the FRRL repeater fund



Looking for Field Day Band Captains

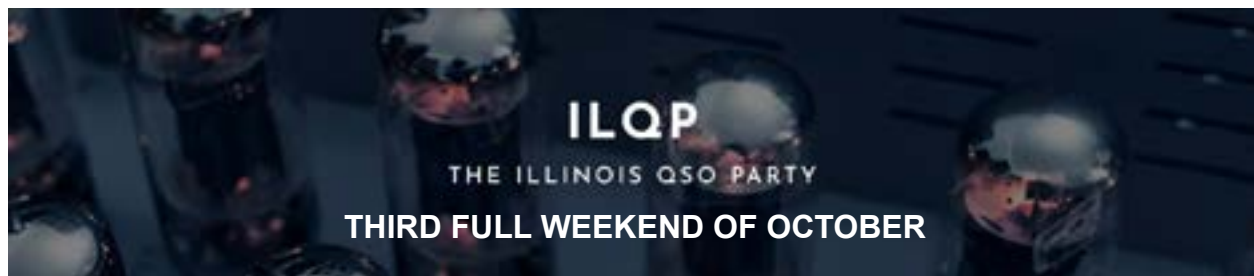


Finding that special person to be:

FIELD Day
CHAIRMAN



Paying your yearly dues



Fox River Radio League

Illinois QSO Party Oct 22nd 2023

Come join the Illinois QSO Party fun....

The Illinois QSO Party is an annual event sponsored by the Western Illinois Amateur Radio Club (WIARC)

The ILQP takes place each October and involves amateur radio operators in all Illinois counties as well as operators from across the USA and in many foreign countries. The QSO party provides Illinois operators the opportunity to work the rare counties. Illinois stations may operate as Fixed, Portable, Mobile or Rover stations. High and low power classes provided for both Illinois Fixed and Non-Illinois stations and QRP competition is also provided. This is a no cost event.

2023 - Illinois QSO Party Date

Setup Start:	Sunday Oct 22nd	0900 Local
Start Operating:	Sunday at Noon	1200 Local
End Operating/Clean Up:	Subnday at Approximately	1700 Local

Location: Springbrook Prairie Forest Preserve Shelter in Naperville IL

For more information on the Illinois QSO Party please google Illinois QSO Party. When you submit your logs identify yourself as an FRRL Member and all of our scores will be tallied toward The club.

Location:
Springbrook Prairie Forest
Preserve South Pavilion.
Rt 59 South to 83rd street.
East on 83rd street to
Pavillion Entrance.
Naperville IL



Contest info:

<https://www.contestcalendar.com/contestdetails.php?ref=167>



Rules:

<https://w9awe.org/ilqp/>



**October's Program will be "SOTA - Summits on the Air"
by Mike Bingham N9SPL**

New to SOTA?

SOTA has been carefully designed to make participation possible for all Radio Amateurs and Shortwave Listeners - this is not just for mountaineers! There are awards for activators (those who ascend to the summits) and chasers (who either operate from home, a local hilltop or are even Activators on other summits).

SOTA is fully operational in nearly a hundred countries across the world. Each country has its own Association which defines the recognised SOTA summits within that Association. Each summit earns the activators and chasers a score which is related to the height of the summit. Certificates are available for various scores, leading to the prestigious "Mountain Goat" and "Shack Sloth" trophies. An Honour Roll for Activators and Chasers is maintained at the SOTA online database.

SOTA is designed to be compatible with other mountain users.

HamSCI.org Festivals of Eclipse Ionospheric Science 2023 & 2024 by Tom Lebryk (KD9NPR)

HamSCI will be sponsoring Festivals of Eclipse Ionospheric Science (FoEIS) this October 14, 2023 as well as the big one on April 8, 2024. Six years ago I was able to take part in photographing the eclipse and also recording the propagation of Mediumwave stations from hundreds of miles away at 1:30 PM Central Time. Scientists will again be soliciting Radio Listener and Ham Radio operator reports of how radio signals travel as the Umbra (shadow of the moon) passes over the Earth. As it travels over a station, the ionosphere changes as if it were nighttime and travel many hundreds miles or more.



To get a flavor of what this sounded like back in 2017, see my report published on the Thomas Witherspoon (K4SWL) blog. I describe how the Umbra traveled directly overhead of my Southern Illinois location and what stations I was able to record.

[Toms-AM-broadcast-band-recordings-during-eclipse-totality](#)

The website for HamSCI has links that describe this October and April activities, including a Ham Radio Contest on all HF non-WARC bands. Some Universities are also involved in the observations. Ham Radio reports can be submitted and will be compiled for the scientific community to analyze.

<https://hamsci.org/eclipse>

Cheers & 73's,
Tom





Hi all! The 100 Year Anniversary Committee is working hard on producing a video to highlight the last 100 years of the FRRL. We are looking especially forward to capturing moments from the early days of the club!

Do you have any FRRL items from the 1920's? Or the 1930's? Or the 1940's or the 1950's? Or the 1960's or the 1970's? How about the 1980's or the 1990's? The turn of the century? Or even more recently?

Greg Braun, N9CHA, has graciously volunteered to produce our video. It is going to be fabulous - and we need your help!

We would like to showcase any items that you may have in our video. Please consider sending me any digital items by replying back to this email and attaching it. Include your name and call sign and, if you know, what year the picture was taken and what event it was.

We are looking for historical documents or photos, and any of the following:

- QSO Cards - including those of previous members
- Newspaper clippings
- Paper Documents
- Photos from events or slides or negatives
- Arcover issues
- Memorabilia, such as mugs, hats, shirts
- Old Ham Shack photos
- etc. etc. etc.

If you have items that are not in electronic format we can help get those scanned or photographed and get them back to you.

You can bring in any items that are not in an electronic format to the next General meeting, which is on Tuesday, October 10, 2023. Please package and label your items so that we can get them back to you. Include your name and call sign and, if you know, what year the picture was taken and what event it was.

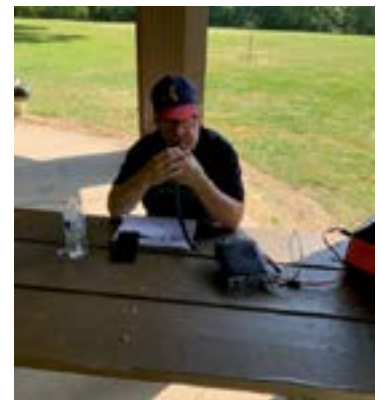
We are planning on having a 100 Year Anniversary Banquet on September 10, 2024! More info to follow. For now - mark your calendars!

Evelyn, W9EVE
Vice President, FRRL
100 Year Anniversary Committee Chair
630-417-4849

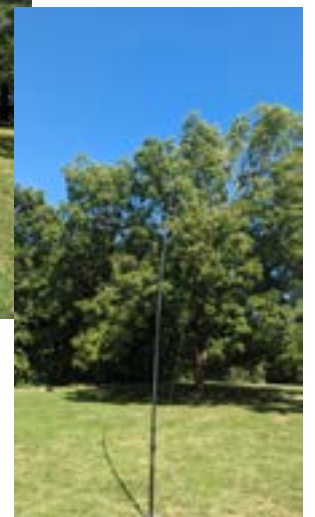
vicepresident@frrl.org



PARKS ON THE AIR
**Amateur
Radio**
W9CEQ



Parks On The Air



*Some People Raise
Gardens..*

*We Raise
Antennas !!*

**FRRL On The Air
September 9th 2023
at
Silver Springs State Park**



**ANTENNA
FARM**



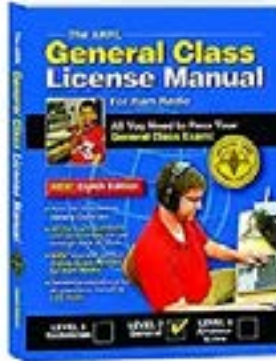
Technician Class

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:

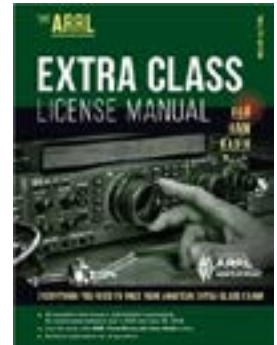


113 Oak St, North Aurora, IL 60542

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.



Learning about radio does matter

By Dan Romanchik, KB6NU

I recently received an email from someone who reads my blog that struck a chord with me. He wrote:

“I’ve been a ham for decades, operate all modes (but mostly CW), and do a lot of Parks on the Air (POTA). I also spend a lot of time recruiting people into the ham radio hobby and mentoring new hams. It’s that last focus that prompts this question.

“For a variety of reasons that I can’t put on my finger on, it seems like more and more hams don’t really care about how radios or antennas work, and don’t want to invest much time or effort into learning such things. They just want to turn it on and use it. How it works, and what’s going on inside of the box, aren’t important.

“For example, I know of one guy—a General-class licensee—who decided his top-of-the-line Yaesu HT was ‘defective’ because whenever he pressed the push-to-talk switch on one of the repeater frequencies, the radio transmitted on a different frequency. Ugh. Another guy I know thought that his hamstick wouldn’t tune because the wire coil was installed upside down. As you’d guess, the hamstick tuned and worked just fine.

“Some people say that we should get hung up on this. Get new hams into the hobby and they’ll learn as they go on. Except that doesn’t seem to be happening, at least not consistently. Even very experienced, highly educated hams can be clueless on very simple, fundamental radio concepts.

“So, here’s the question: does any of this matter? I don’t know how my microwave oven works, and I don’t need to, and I don’t want to. All I want to do is push a button. So maybe it’s perfectly fine that hams don’t know about radio technology and we should stop pretending that any of this matters. Put ‘em through a ‘ham cram’ and get them on the air. Or maybe amateur radio transceivers are different than microwave ovens and it does matter. I don’t know. I go back and forth on this and don’t really have a clear assessment in my mind.

“Anyway, since this seems like the kind of thing you’ve already thought about, I wonder what you make of all this. If you’re sitting around with nothing to do, I’d be curious to know what you think.”

Yes, learning about radio does matter

This struck a chord with me because I teach ‘ham cram’ classes, and I often encounter people who think this way. They just want to push buttons and talk on the radio. They say, “I’m only going to use it when I go off-roading with friends,” or “I’m only going to use it when my CERT team is activated.”

I always ask them what they’re going to do when something goes wrong (and we know that at some point, something is going to go wrong). I tell them that without some basic knowledge of how radios and antennas work, they aren’t going to be able to fix problems or work around them, and if they can’t do that, they’re not going to be very effective communicators and their experience is going to be very frustrating. Not only that, I explain that they’ll have a lot more fun with ham radio if they understand how the technology works.

So, the question is how to get these people to be more curious about radio technology and how to encourage them to learn more. Being insulting or negative isn’t the way to do it. I hope, for example, that when the guy complained about his Yaesu HT, that someone patiently explained how repeaters work. Sure, he should have known that already, but belittling him for not knowing this would only do more



Learning about radio does matter Continued:

I don't think that you can fault people for not knowing things, but you can fault them for not wanting to learn things. There's a lot to learn in ham radio, and you can't learn it all before you get a license. In fact, I'd argue that most things you can only learn after you get a license and start doing things.

Having said all that, our challenge is to make ham radio a place where those that want to learn things can thrive. I think that we're doing better at that. Look at all the YouTube channels where you can learn about just about anything that ham radio has to offer. The ARRL is getting in on this as well, with its "Learning Center."

I'd say not to worry about those who don't want to invest the time and effort. They're not going to be hams for very long. They're going to get frustrated when they can't get things to work and drift off to something else. Let's concentrate those who are curious and able and willing to invest the time and effort and make good hams out of them.

USA Radio Orienteering Team Brings Home Silver and Bronze Medals

At the 21st International Amateur Radio Union World Amateur Radio Direction Finding (ARDF) Championship in Liberec, Czech Republic, held August 27 through September 2, 2023, USA competitors won a silver medal for an individual competition, as well as two bronze team medals.

90th anniversary of Collins Radio

[The Collins Amateur Radio Club station](#), WØCXX, In Cedar Rapids, Iowa, is planning three special events to celebrate the 90th anniversary of Collins Radio. Arthur A. Collins (1909-1987) founded Collins Radio Company in 1933 and produced shortwave equipment before supplying equipment for the commercial broadcast industry. The company also built radios for amateur use, including the KW-1, KWS-1, KWM-1, KWM-2/2A, and KWM-380, as well as the classic S line consisting of the 75S-3A, 32S-3, 51S-1, 30S-1, and 30L-1. After several mergers and acquisitions, the company began producing avionics for the aviation and aerospace industries and is now Collins Aerospace, a subsidiary of Raytheon Technologies. On September 9, 2023, WØCXX will host a special event station celebrating Arthur Collins' birthday, from 14:00 UTC to 20:00 UTC. **On October 14, 2023, a special event station will be in operation from 14:00 UTC to 20:00 UTC** to celebrate the 90th anniversary of Collins Radio. **On November 18, 2023, a third special event station will operate from 15:00 UTC to 21:00 UTC** to celebrate the 40th anniversary of the club's charter. More information is available on the [club's website](#) .





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



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 have a used Kenwood TM241a VHF mobile to loan or give away. Part of the screen has gone blank but it is still readable. Does not come with a programming cable.

I personally have not used this radio and there is no warranty and is given as is,,

The gentleman who passed along this radio would like a "new" ham who does not have a radio to have/take this one.

If you're interested please contact me a newsletter@frri.org

Jerry N9JLC



This is a picture of the type of radio that is being offered not the actual radio itself.



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

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.





October 6 - 7 | [Slidell EOC Hamfest](#), sponsoring the ARRL Louisiana State Convention, Slidell, Louisiana



October 7 | [Wichita Area and Kansas State Hamfest](#), sponsoring the ARRL Kansas State Convention, Wichita, Kansas

Valley Center Amateur Radio Club

October 7 | [71st Rock Hill Hamfest](#), sponsoring the ARRL South Carolina Section Convention, Rock Hill, South Carolina



October 8 | [Nutmeg Hamfest](#), hosting the ARRL Connecticut State Convention, North Haven, Connecticut



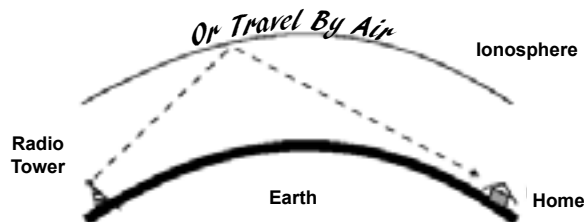
October 13 - 14 | [Melbourne Hamfest](#), hosting the ARRL Florida State Convention, Melbourne, Florida



October 14 | [ARRL Minnesota State Convention](#), Brooklyn Park, Minnesota



October 20 - 22 | [Pacificon](#), hosting the ARRL Pacific Division Convention, San Ramon, California





Ham Fests

October 14 – Sedalia Hamfest 2023, Sedalia, MO

Sponsor: Sedalia Pettis Amateur Radio Klub

Website: <http://www.WA0SDO.ORG>

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>

Anna Gomez Confirmed as FCC Commissioner



The US Senate confirmed Anna Gomez as the fifth commissioner of the Federal Communications Commission on September 7, 2023.



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



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

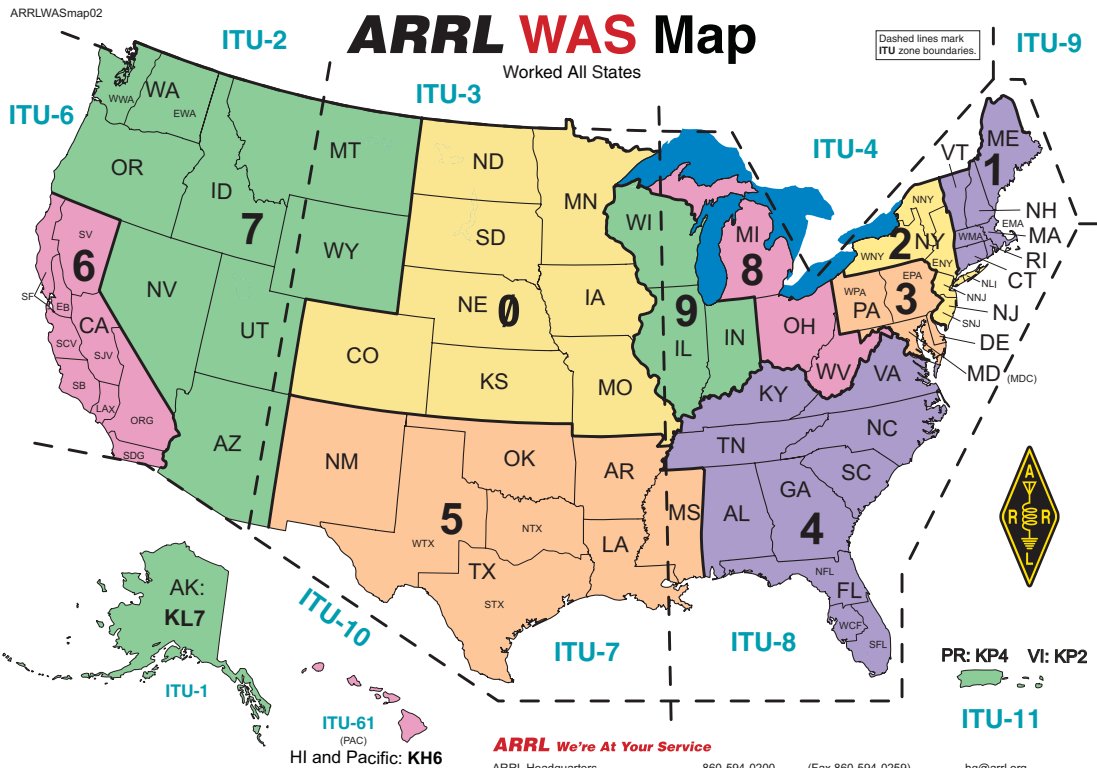
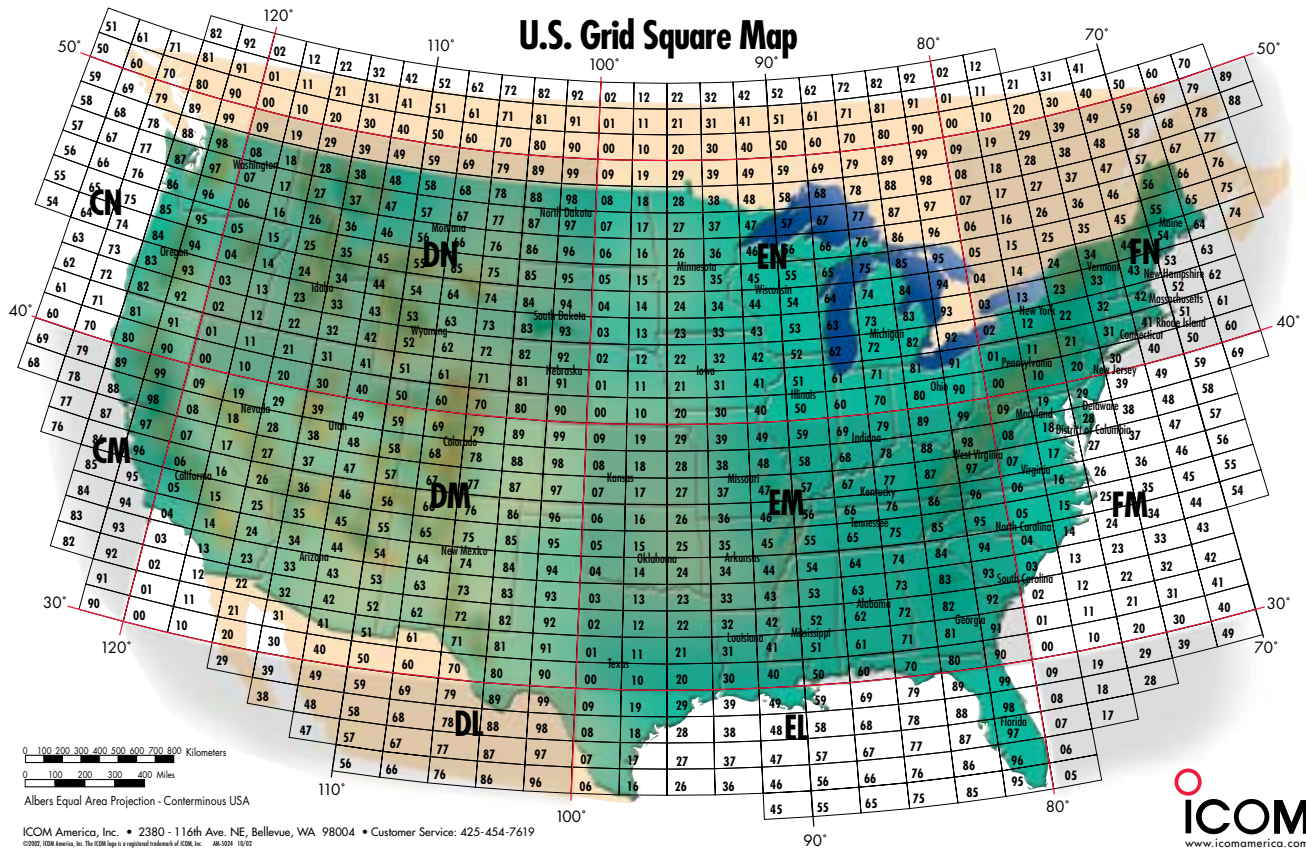
- [Download the ARES Manual \[PDF\]](#)
- [ARES Field Resources Manual \[PDF\]](#)
- [ARES Standardized Training Plan Task Book \[Fillable PDF\]](#)
- [Emergency Communications Training](#)



Kane County ARES

Information

[Click Here](#)



ARRL The national association for
AMATEUR RADIO

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ARRL Headquarters
 Publication Orders
 Membership/Circulation Desk
 Getting Started in Amateur Radio
 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/

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 newham@arrl.org
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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).

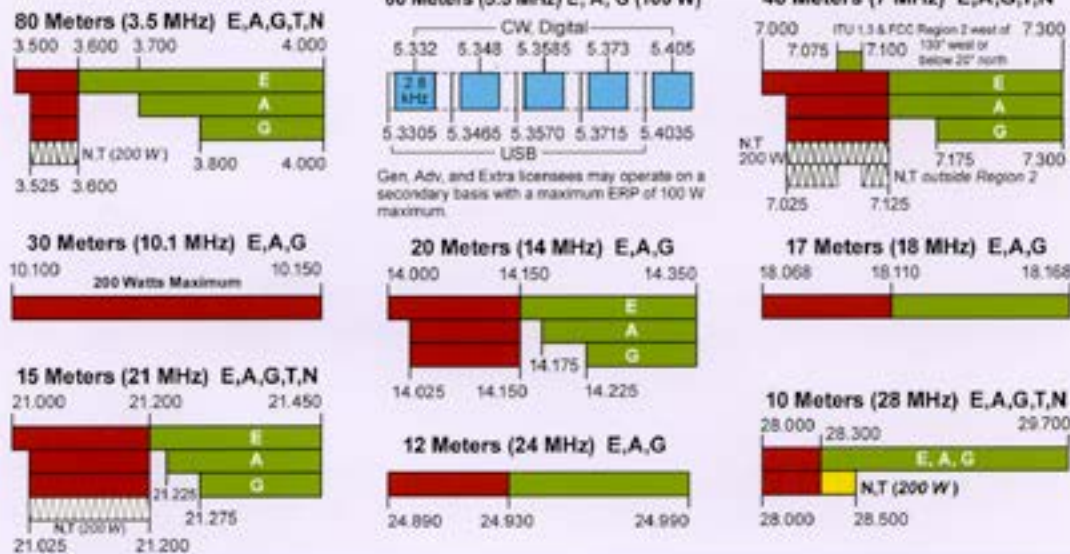
■ = RTTY, data, phone, image
 ■ = USB phone, RTTY, data and CW
 ■ = RTTY and data
 ■ = phone and image
■ = SSB phone
 [CW symbol] = CW only

LF – Low Frequency band



MF – Medium Frequency bands

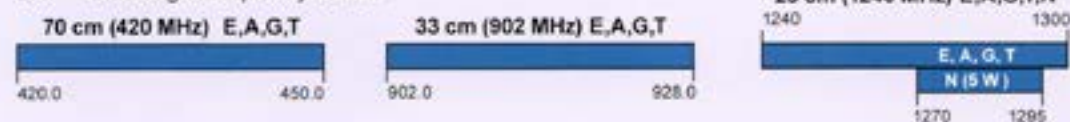
HF – High Frequency bands



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

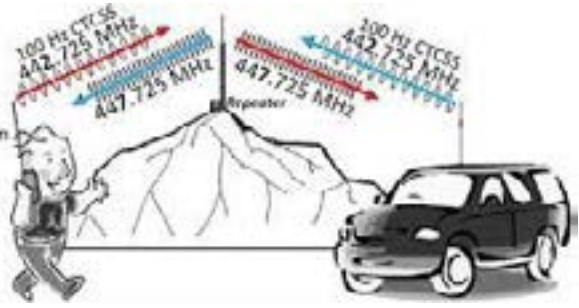
See www.arrl.org/band-plan for detailed band plans.
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 OTAbands rev. 1-22-20



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