



ARCOVER

February 2024



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

1924  2024

Who We Are

President:

Kermit Carlson W9XA

Vice President:

Dan Nolan WA9FRY

Secretary:

Art Shuter NN9I

Treasurer:

Dan Harmon WA9YKK

Director :1

Pat Brod K9ANL

Director: 2

Will Sperling W9WSS

Director 3

Paul Mitchell KC9SEB

Director 4

John Greusel KC9OJV

Past President:

Terry Todd W9AUV

Programs:

Paul Mitchell KC9SEB

Education / VE:

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 Kennel, 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....

FRRL Past President



Terry Todd

Let's heat up the airwaves with RF. By the time you are reading this the Winterheat event will be history. I hope you had fun participating it it. I sure did.

I'm looking forward to upcoming hamfests, Field Day and the 100h anniversary celebration this year.

Terry - W9AUV

**W
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**President
Carlson
Welcomes**



**Our
Newest
Members**

Call Sign	Name	License
N9DEE	Kathy Braun	Technician
WD9CNW	Carol Toman	General
W9JWF	Jeremy Francis	General

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ARC OVER

FOX RIVER RADIO LEAGUE MEMBERSHIP MEETING MINUTES December 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 January 9, 2024 meeting of the Fox River Radio League was conducted on Zoom. There were 46 members attending.

The meeting was called to order at 1930 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 3, Paul Mitchell KC9SEB

Director 4, John Greusel KC9OJV

Past President, Denny Barfuss W9HI

Minutes: Acceptance of the December 5, 2023 membership meeting minutes as printed in the ArcOver were approved by the membership. Motion to approve: Tom W9RD, 2nd: Don WA9FZE.

Treasurer's Report: Dan WA9YKK reported the bank account balances as of 1/9/24.

Reports:

100th Anniversary Eve W9EVE: Greg N9CHA reported that work is progressing on the special events station which is scheduled for July. Also, John KC9OJV showed the newly created FRRL table banner.

Jerry N9JLC Public Information Office: Jerry has printed club brochures that will be available to hand out at the January WCRA hamfest.

Technical: John Kc9OJV is working on filters for field day.

Director 1 Repeaters: Ruben K9ARN, Will W9WSS, Kermit W9XA: Kermit W9XA gave an update on work and improvements at the Plano repeater location.

Education: Denny W9HI : Denny reported that the extra class was a success. There will be a VE session 1/18/24 at Geneva Lutheran Church. VE examiners are needed.

Director 3: Club Activities Paul Mitchell KC9SEB: The program for tonight will be an exploration into Chinese hand-held radios.

Database Manager Mike Urso K9FE and Chris Kennell KC9BKS: We now have 161 members.

ARRL Section Robert W9DSR: There will be an exercise in March.

Old Business: Budgets for the coming year need to be prepared.

Adjournment: Motion to adjourn: Kermit W9XA, 2nd Robert W9MZ. The meeting was adjourned at 20:14 CST.

Respectfully submitted,
Art Shuter – NN9I
FRRL Secretary












FRRL table at the WCRA
Hamfest in January





FEBRUARY 2024



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 	15	16	17
18 INFORMAL ALL OPR NET 1900	19 	20 Newsletter Deadline 1930 FRRL 2m Net	21	22	23	24
25 INFORMAL ALL OPR NET 1900	26 CW NET 28.150 2000  SSB NET 28.720 2030	27 1930 FRRL 2m Net	28	29		
				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

CONGRATULATIONS to Patrick Brod K9ANL on his passing of the Extra Class examination at the WCRA Mid-Winter Hamfest VE testing session in St. Charles.



CONGRATULATIONS is also in order for Dan Nolan WA9FRY who also upgraded his license to Extra !!



Ham Nation Podcast on YouTube.

By Tom Lebryk (KD9NPR)



If you are new to Ham Radio, check out Ham Nation, a 1+ hour variety show with interviews, contests, how-to builds, and Ham Radio news. It airs live every other Wednesday night at 8 PM Central Time. Special guests sometimes are Bob Heil of Heil Sound and Tamatha Skov (spaceweatherwoman.com). Always an enjoyable show, currently hosted on the Ham Radio Crash Course YouTube channel (under Podcasts) or just go to this link:

<https://www.youtube.com/playlist?list=PL1KAjn5rGhiz78lmXZa1ds10jxAwAd3Aq>

100th anniversary of the discovery of Pluto



The 10-year amateur radio special event and countdown to the 100th anniversary of the discovery of Pluto will continue on February 10 - 18, 2024 (UTC), and celebrate Clyde Tombaugh's discovery from the Lowell Observatory in Flagstaff, Arizona. Members of the Northern Arizona DX Association will operate from Lowell Observatory and their home stations using the special event call sign W7P. The annual QSL cards, the event certificate, and more information about the event can be found at [W7P 2030](http://W7P2030.nadxa.com) (nadxa.com).



If you have any memorabilia about the club please contact:

Chair [Eve Schneider W9EVE](mailto:Eve.Schneider@w9eve.com)

Membership rates are as follows:

REG: Regular dues are \$30.00 per year,

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

SRC: Senior Citizen dues (65 and older) are \$25.00 per year,

STU: Student (Full time, under 22) dues are \$25.00 per year.

MIL: Active Military dues are \$25.00 per year.

You can also help support the FRRL Repeaters by making a \$10.00 (or more!) annual contribution.

**PAY OR RENEW
MEMBERSHIP DUES
OR
REPEATER DONATION
[ON LINE HERE](#)**



FRRL 100 Years – Glimpses of Club History

by Gary Hornbuckle K9MMS



Some brief background information:

First, a short bit of information about K9MMS. I was first licensed (at age 14) as KN9MMS on May 12, 1958 and upgraded to General class in August 1958 while living in Angola, IN. My family moved to Aurora, IL in August of 1959, and I first joined the FRRL in the fall of 1959. Over the years, most of my ham radio operations have been on the HF bands using CW.

Some of my recollections of FRRL happenings follow. To the best of my knowledge, this information is correct, but at my age sometimes memories are not as clear as when I was younger. I will do my best to recollect and share some of my FRRL memories. So much for the cautionary disclaimer. □

My association with the FRRL is somewhat segmented. I actively attended meetings and took part in some of the activities from 1959 to about 1968. After that, I was busy with a young family, work, and additional college and university studies, so I was much less active in the FRRL for a number of years. In 1986, I upgraded to Extra class, officially rejoined the FRRL, and I have maintained continuous membership in the club since then. I was granted life membership in the FRRL in 2010.

I am a member of the FRRL 100-year anniversary events planning committee, which is being very excellently chaired by W9EVE Evelyn Schneider. At the last meeting it was agreed that it would be good to include some club history information in future editions of the ArcOver this year. I volunteered to write the articles, partly because I had previously written a few pages of some of my memories of the FRRL since I first joined in 1959. Additionally, I knew more details would become available in time, because N9CHA Greg, W9XA Kermit, K9LGE Eric, and AH6EZ Dick are working to gather and archive a lot of FRRL history data. So there should be plenty of information from which to select various “glimpses” of FRRL over much of the past 100 years.

Some selected FRRL memories from about 50 to 65 years ago:

During my first year with the FRRL (1959-60), meetings were held in an armory building on the south side of Philips Park in Aurora. I think it was a naval armory, and I remember almost everything was painted gray. Of course, this building is long gone now. Unfortunately, I do not remember details about the club meetings, but I do recall that some of the members were very friendly to me -- a new, young member still in high school. I used to enjoy the social times of chatting with the members at the meetings. Until I obtained my first driver's license, K9DJW (Ed Borucki) used to often drive me to club meetings. Ed lived about 2 blocks from me in Aurora.

At that time, a club project was in progress – members were constructing 2-meter “halo” antennas for mobile use. A construction tip was given to fill the aluminum tubing with sand prior to bending it into a circle, so that the tubing would not kink in the process. The completed antennas were then mounted on vehicle bumpers via a short aluminum mast.



FRRL History by K9MMS – Page 2 of 5

Another club project was the “Club Saver” 2-meter transceiver. Prior to my joining the club in 1959, apparently a number of members had built these “rigs.” I remember borrowing one of them from a member and using it for a short time. Recently, I did an Internet search for the “Club Saver” project and discovered it was originated by the Wheaton Community Radio Amateurs club, and was featured in an article in the October 1957 issue of QST magazine. I mistakenly had thought it was originated by the FRRL as a project to help rejuvenate the club, but that was actually the case for the WCRA. Yet, the “Club Saver” project may have also been a motivation to help the FRRL remain viable at that time.

The FRRL club meeting locations moved around a bit in the early 1960s. After leaving the Armory, the club met in downtown Aurora in a multi-story building – on the top floor. I think it was on the island area and was the Aurora City Hall building. I recall the meeting room had a Gonset 2-meter “rig” (it used to be called a “Gooney Box”). https://en.wikipedia.org/wiki/Gonset_Communicator

Still in the early 1960s, the club next met in the then Aurora Community Center at 69 LaSalle Street (near the intersection with Galena Blvd) on the second floor. This was about a block or so from the Radio and TV parts store Stolz-Wicks (also called Chauncy’s) where hams often went for project parts.

Later on, the club held monthly meetings in the basement of the bank building in the Aurora Northgate Shopping center. The bank may have had a few name changes, but I remember it as the Valley National Bank for a long time. The club met at this location for many years – from perhaps around 1970 into the early 1990s.

Some Early Field Day Memories:

In 1961, W9NE (Erland L Olson “Oley”) was the FRRL President, and K9MMS (just graduated from East High Aurora) was the Field Day Chairman. I have a clipping of the original Beacon News article “Radio ‘Hams’ Hold 1961 Field Day” which I wrote and submitted to the newspaper for publicity. That year, FD was held at Bliss’ Woods. We operated 8 stations on 11 bands. AC power was supplied by two, three-kilowatt generators loaned to the club by Thor Power Tool Co. The club used the call W9CEQ. Unfortunately, I have no details about the results / scores.

I have a copy of the first two pages of the ArcOver newsletter issued July 5, 1960. It was obviously printed via a mimeograph machine, and portions of the text are difficult to read. It includes a write up about Field Day 1960. This copy was sent to K9LUW (Lou Petkus, SK) from W9CZA (Benny Benson, SK), and then Lou sent it to me in January 1998. Lou wrote in the margin by the FD scores “Great Scores Huh!” – meant to be as “tongue-in-cheek” compared to scores in much later years.



FRRL History by K9MMS – Page 3 of 5

Some tidbits from that article follow.

“The electric coffee pot slowed down the generator when first turned on.”

Two, 3 kW generators loaned by Thor Power Tool Co. (Perhaps a member worked at Thor?)

“Sam (callsign unreadable) must have thought the generators were not putting out very much power because he was repairing one of the outlet boxes in the 80 meter tent with the circuit hot.”

“Bob Roehrig (K9EUI, SK) and Benny (Benson, W9CZA, SK) got into some kind of an argument and Bob locked Benny up in the trunk of his car.”

“The scores for the different positions are as follows:”

K9LUW / K9GHX	15 meters	125
K9MMS	20 meters	97
KN9WEY	80 meters	79
K9WFY	2 meters	42
K9CEM	10 meters	39
W9KHI	40 meters	25
		407

That 1960 FD was probably my first with the FRRL. I operated CW using a Vibroplex “bug.” The logging procedure at the CW station where I operated was quite unique. I think it was originated by club member W9LOG (Roger Barton) whose station I was operating. He had a stack of slips of paper, each piece about 3.5 by 8.5 inches, preprinted with blanks for items of QSO data. (Printed via mimeograph machine – a standard in those days.) After making a QSO, I filled in the blanks on one of these slips of paper and dropped it into a shoebox. (No formal logsheets or tablet of paper, etc.) Nobody seemed to think of using dupe sheets in those days. Roger must have had fun going through the stack of QSO slips to prepare his FD log.

For many years, K9LUW (later K9LU) Lou Petkus (SK) and I operated 40 CW on Field Day. Subsequently, K9BQL (later K9JE) Jack Ekstrom and WA9TPQ Bill Erickson joined the 40 CW FD team. In the days before computer logging software was available, Lou and I would take turns with one person on the radio running stations and the other person listening and logging QSOs. We used paper log sheets and paper dupe sheets. When the logger would hear the call of a station already written onto the dupe sheet, he would yell out DUPE so the run operator would not make a duplicate contact. And so it went until logging software became more mature and readily available.

The club call W9CEQ was used for Field Day for decades. Eventually W9NE became the preferred call. Perhaps this change occurred when GOTA station activity was implemented for FD. I don't know the details of when the change was made.

FRRL History by K9MMS – Page 4 of 5

Some Other Old FRRL Tidbits:

Around 1963 the FRRL had a bowling team, and they participated for one season in a league at Parkside Lanes in Montgomery, IL. The team members were:

K9LUW, Lou Petkus

K9WNV, Leigh Hennig

K9MMS, Gary Hornbuckle

Richard Stillson, (I do not remember his call)

Dick Reyes, (I do not remember his call)

Some of the past editors of the ArcOver, some of whom served for many years, are: W9GIG Dick Isely, N9AKE Rod Peterson, KB9YSI (now NF9D) Bill Muhr, K9TCD Tobi Davis, and KC9EOQ Dean Holste. This list is by no means exhaustive, but I think it covers many of the editors from perhaps the 1980s to about 2018. I apologize for others whom I have likely omitted. For various reasons, there have been some time periods over the years when I have not often attended club meetings. So, I do not have a continuous memory of club specifics for some of those times.

Some Old-time FRRL Members Remembered (All Silent Keys):

W9NE, Erland "Oley" Olson

W9KHI, Carl Gemmer

W9CZA, Benny Benson

W9ZGP, Jerry Frieders

K9EUI, Bob Roehrig

K9LUW / K9LU, Lou Petkus

K9BQL / K9JE, Jack Ekstrom

For many years, club raffles at monthly meetings and at Christmas time were handled by W9ZGP Jerry Frieders. After Jerry became a silent key (around 1997, I think), K9LUW Lou Petkus took over the raffle duties and also did that for many years. K9JE Jack Ekstrom and later KC9IEQ Chris Farley each handled the raffles for many years as well. All of these gentlemen did an excellent job managing the various raffles. Subsequently, Chris chose to "retire" from his raffle duties, and he asked the club for a volunteer to take over this task. He allowed plenty of opportunity, but no one chose to take over that duty. After that, the monthly raffles were discontinued.

Final Thoughts for This Month's Glimpse of FRRL History:

I find it somewhat interesting that for the FRRL 75th anniversary, the club president was W9AX Bill Schaben, and now for the 100th anniversary, the club president is W9XA Kermit Carlson. The AX to XA reversal is seems dyslexically noteworthy. (Maybe that is just my odd way of thinking about it.)



FRRL History by K9MMS – Page 5 of 5

Also of note is that one of the probable FRRL founders, and apparently president multiple times, many years ago, was W9NE Erland “Oley” Olson and the current club president is W9XA Kermit Carlson. The Swedes still rule. ☐

I hope to be able to contribute more glimpses into FRRL history in future issues of the ArcOver – at least until the 100-year celebration banquet in September and perhaps a wrap-up in October. Some of the future topics I have planned to include are:

Other meeting locations, other Field Day locations, more club projects of old, special club member recognition awards and events, and special club activity events. In addition, N9CHA Greg Braun and others are doing detailed research into FRRL history to glean as much detail as possible for the entire 100 years. Greg is frequently adding to his summary of findings, and I hope to share some of those discoveries as well.



I take personal check (wait to clear), USPS money order, cold hard cash, not sure if I want to use PayPal but negotiable (Don't just send money until we agree on a sale). NO RETURNS due to parts-swappers and scammers. Things that do not sell will eventually be listed on QRZ.com (at a higher price to cover shipping and insurance). My email address is good on QRZ.com.

Texscan FM Broadcast band passive Preselector. A unique item Commercially made in 1980's & 1990's for cable TV technicians, these things sell on eBay for \$200+. I use one of these to filter/preselect FM Stereo Broadcasts/AirTraffic using my amplified porch antenna. This one is excess to my needs. Good - \$100.<

Timewave DSP-599zx audio filter (an original late 1990's model). I bought this I think around 1999/2000 when “DSP” became popular but just never found a use for it. RCA cables included. Excellent - \$50.<

Whistler WS-1095 Scanner. A very worthy scanner I just don't use. Excellent - \$200.<

Tecsun S-8800 portable shortwave receiver. Very Good - \$125.<

Yaesu AESS Speaker (I use my computer for audio, this is not needed). As-New - \$50.<

Heil CC1-XLR-I, 3-pin XLR PTT Cable for ICOM (blue). As-New - \$20.<



CONTACT:
Tom Lebryk KD9NPR



Northern Illinois POTA 2024 Spring Campout

Cliff N9BLE, Sean KD9CFO, Mike W9CPL, and Mike KD9OBF are hosting a spring campout and combined Parks on the Air event.

If you love both, we invite you to attend our first ever Northern Illinois POTA Spring Campout on March 22-24, 2024 at the Shabbona State Park campground in Shabbona State Park, ([POTA K-4103](#)). This event will be part social activity and part Parks on the Air activation. You can activate as little or as much as you want, in whatever mode you choose.

All sites have electricity, picnic table, fire rings and vehicle access. A sanitary dump station is available to all campers. One family is allowed per campsite, or four unrelated adults with up to two tents. Campers must be ready to camp upon arrival.

Cliff, Sean, Mike, and Mike will be in sites 107, 108, 109. If you plan to attend please send an email to one of the fine gentlemen below. Remember the campsites are on a first come first serve basis.

Cliff N9BLE
cliff.n9ble@gmail.com
Mike KD9OBF
mikehauptman@comcast.net
Sean KD9CFO
sean@soliloquyforthefallen.net
Michael W9CPL
cott31@comcast.net

Please be aware that camping in March in Northern Illinois can run the gamut. The weather may be beautiful and sunny or it can be cold and snowy. Typically March in Northern Illinois we expect highs around 50 and lows down to 32. This event will happen rain or shine.

The sky is the limit. Learn new skills, see how other hams operate, and learn how to deal with interference when a bunch of hams get on the air at the same time. That's always part of the fun. The weekend is guaranteed to be a blast.

Dates and Location
March 22-24, 2024

[Shabbona State Park Campground](#)



[Shabbona State Park](#)
4201 Shabbona Grove Road
Shabbona, IL 60550
Park office: 815/ 824-2106
Camp Hosts: 815/ 824-2565
[Parks on the Air K-4103](#)

Notice: This is not a Parks on the Air sanctioned event. You are responsible for your own actions. Event hosts assume no liability.

Alcohol is prohibited in the park.

Be prepared for changing weather conditions.

If you need to cancel due to the weather, that is totally ok.

Communications: Since we are all amateurs and communications is the focus of the weekend, here is the repeater and simplex frequency we will use for the event. At the bare minimum please have the simplex ones programmed in your handheld so they can be used for in park

P2P contacts:
Simplex:
146.520 Mhz Simplex Talk-in and in park P2P channel
146.495 MHz Simplex event channel
Repeater:
146.730 (-0.6M, 100.0) WA9CJN, Dekalb. Primary Talk-in

Here is a tentative outline of events that will form the basis of the weekend. As we get closer to the date, things might change.

- Friday evening social campfire
- Friday night – POTA activations, group and individual
- Saturday 10am - POTA 101 class for new activators
- Saturday all day - POTA activations, group and individual
- Saturday evening (5pm-ish) pot luck dinner (bring a dish to pass)
- Sunday morning – 8am Group coffee and donuts
- Sunday Till? – POTA activations, group and individual

Camp the entire weekend or just come out for the day/evening. We'd love to have you either way. The campsite fee is \$25.00 per night.

Due to the time of the year the Shabbona Lake SRA campground has available only 60 campsites that are on a first-come, first-serve basis.



CHICAGO VHF/UHF REGIONAL 1992 - NET DIRECTORY

Sunday

- 7:00 224.78- FAROUT II [Park Ridge]
 7:30 145.41- ARROW (Amateur Radio Repeater of Woodstock) [Woodstock]
 147.285+/224.76-/443.625+ ARES NAPS (Northwest Area Public Service) [Schaumburg]
 8:00 145.39- WCRA (Wheaton Community RA) [Wheaton]
 8:30 224.14- WCRA [Wheaton]
 147.225+/224.48-/444.70+ ACLR (Amateur Cross Link Repeater) [Chicago]
 9:00 145.25- DARC (DuPage Amateur RC) [Downers Grove]
 146.91- SWOP NET (Milwaukee RC) [Milwaukee]
 147.315+ Hadley School Radio Club (Metro ARC) [Skokie]
 9:30 145.31- WCRA RTTY net 45 baud [Wheaton]

Monday

- 7:30 147.00+ ARES (Lake County IN ARC), [Merrillville]
 147.135 Markham ESDA Civil Defense (AREA) [Markham]
 8:00 145.09s Packet Net on W9QVE Conference Node (Argonne)
 145.21- Northeast IL Emergency Net [Chicago]
 145.35- Simulcast of above [Wasco]
 145.25- Regional ARES Net [Milwaukee]
 147.18+ Lake County RACES [Libertyville]
 147.42s York RC [East DuPage/West Cook County]
 9:00 145.19- AARC (Argonne ARC) [Argonne]
 145.27- ECHO [Mt. Prospect]
 146.430s Hamfesters RC [Chicago South]
 444.875+ Simulcast of above [Schaumburg]
 146.67- Milwaukee/Waukesha County ARES [Milwaukee]
 146.73- Kishwaukee ARC [DeKalb]
 146.79- VARA (Valley ARA) [Elgin]

HAM RADIO TOY STORE
 117 W. Wesley
 Wheaton, IL 60187
 Phone: 708 / 668-95

Tuesday

- 8:00 145.39- DuPage ARES (WCRA) [Wheaton]
 146.67- WAFAR (Western Area FM Amateur Repeater) [Northlake]
 146.76- SATERN (CFMC) [Chicago]
 146.97- (Ozakee RC) [Milwaukee]
 147.345+/224.32- NSRC (North Shore RC) [Highland Park]



Info From
 Michael Cavanagh



Thursday

8:00 147.33+ BARS (Bollingbrook ARS) [Bollingbrook] N
 8:30 145.170- AT&T Morad [Montgomery] N
 9:00 146.91 Computer Net [Milwaukee]
 147.15+ FMN-1 SRO (Society of Radio Operators) [Chicago]

Friday

7:30 145.31- RTTY "Picture Net" 75 baud WCRA [Wheaton]
 147.00+ Lake County (IN) ARES (Lake County IN ARC) [Merrillville]
 8:00 146.97- Michigan City ARES (Michigan City ARC) [Michigan City] P=131.8

Saturday

9:00 146.61- LaPorte County Traffic & Information Net (Laporte ARC) [Laporte] P=131.8

DAILY / NIGHTLY / IRREGULAR

Daily

9:00 146.445s Geritol Net [Milwaukee]

Nightly

10:30 145.19- Night Patrol AARC [Argonne]

Weekly/Monthly

7:00 146.64- (1st Sun.) Technical Net (STARS) (Suburban Technical ARS) [Blue Island]
 9:30 147.15+ (1st Thurs.) QCWA Quarter Century Wireless Association (SRO) [Chicago]
 8:00 147.225-/224.48-/443.70+ (2nd Tue.) Evergreen Inter-tie (ACLR) [Chicago] P
 7:30 146.91 (MWF) Lake County ARES Net (Lake County Emergency Management Repeater) [Gary]

IRREGULAR / WEATHER / EMERGENCY

7:30 145.19- (Mar-Oct, 1st Mon.) Sky-Warn AARC [Argonne]
 145.21-/145.35-/224.14- Combined ESDA severe weather net
 146.67-91-82-727+ Severe weather nets (SE WI)
 147.06s Severe Weather 300 baud ASCII Bell 103 Answer Tone 8/1/N [Heinz]
 147.18+ RACES severe weather net (Lake County) [Libertyville]
 146.67- Sky-Warn WAFAR [Northlake]
 146.91- Sky-Warn [Gary]

Newsline [Streamwood]	708/289-0423
Chicago Area Amateur Radio Info Line [Oak Forest]	708/535-AHAM
RAIN Dialup Service [Des Plaines]	708/299-INFO

<i>N</i>	<i>Indicates that a net includes Newsline.</i>
<i>R</i>	<i>Indicates net includes the RAIN Dialup.</i>
<i>P</i>	<i>Indicates 107.2 Hz PL tone is required (for 2 meter freq.)</i>

RAIN, (Radio Amateur Information Network), was established in 1988 by Hap Holly/KC9RP. As RAIN receives virtually no funding, it relies ENTIRELY on donations from the private sector to fund its activities. Donations are always gladly accepted at RAIN, PO Box 2565 Des Plaines, IL 60017. Any additions, deletions, or corrections to this directory should be forwarded to Hap/KC9RP on packet @ WB9YAE.IL; via the RAIN voice mailbox 708/518-6551; or via the Samson FidoNet LLBBS, 1:115/108, 708/394-0071.

Produced by RAIN, the Radio Amateur Information Network. Compiled by Hap Holly/KC9RP (708) 518-6551, and many other hams without whose help, this directory would not have been possible.

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ARRL January 19, 2004 Board Meeting
(Quoted in part)

The Board approved the reintroduction of ARRL Life Membership and 70+ Life Membership (for members of age 70 and over) on a revenue-neutral 9, 2024 basis. At its July 2023 Second Meeting, the Board had suspended the Life Membership Program, pending the approval of an adjusted revenue-neutral program.



FREE ARRL Membership for Students. For decades, ARRL has offered a reduced dues rate for young hams, currently priced at \$30 per year. At this meeting, the Board established a new option for a no-cost Associate membership for full-time students of age 21 and younger.

Other ARRL information

Current editions of Gordon West's popular license prep books will be available from ARRL and ARRL [publication dealers](#) soon. Look for the category "Gordon West License Prep" in the ARRL [e-store](#).



Gordon West Named ARRL National Instructor

Amateur radio operators will have an opportunity to contact the USS Iowa during the ship's 81st anniversary celebration. USS Iowa (BB-61) is permanently moored at the National Museum of the Surface Navy in San Pedro, California, and was first commissioned during World War II on February 22, 1943. The on-air event will be held on **February 22, 2024, from 1600 to 2400 UTC**. The Battleship Iowa Amateur Radio Association (BIARA) will activate NI6BB



For updates and additional information, contact [BIARA](#).





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:

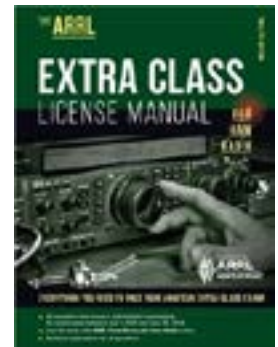


113 Oak St, North Aurora, IL 60542

Extra Class

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

Start: TBD
End:



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

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

The textbook for the class will be the official ARRL License Manual. Books are available for purchase 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.



VE Testing

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

Upcoming Testing Schedule:

March 21, 2024
May 16, 2024
July 18, 2024

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



Please also be sure to bring:

- Photo identification
- Your FCC generated FCC Registration Number (FRN).
- The fee of \$15.00. (The FRRL receives no portion of this fee.)



- If upgrading bring your original FCC HAM Radio License (or the documentation you received) and a photocopy of your license.

If you have questions about the testing program, please email the Chairman at: ve@frrl.org

Illinois Traffic Net



You can also participate in one (or all) of the Illinois Traffic Nets. Everyone is welcome with or without traffic. The nets are the North Central Phone Net, Daily (M-F) at 7 a.m. local time, on 3912 kHz LSB; the Illinois Phone Net, Monday – Friday at 4:45 p.m. local time, on 3857 kHz LSB and on Sunday at 8 a.m. on 3940 kHz; and the Illinois Sideband Net, Daily at 6 p.m. local time, on 3905 kHz LSB.





Out N About

February 2 - 3 | [Capital City Hamfest](#) 2024, hosting the ARRL Mississippi State Convention, Jackson, Mississippi



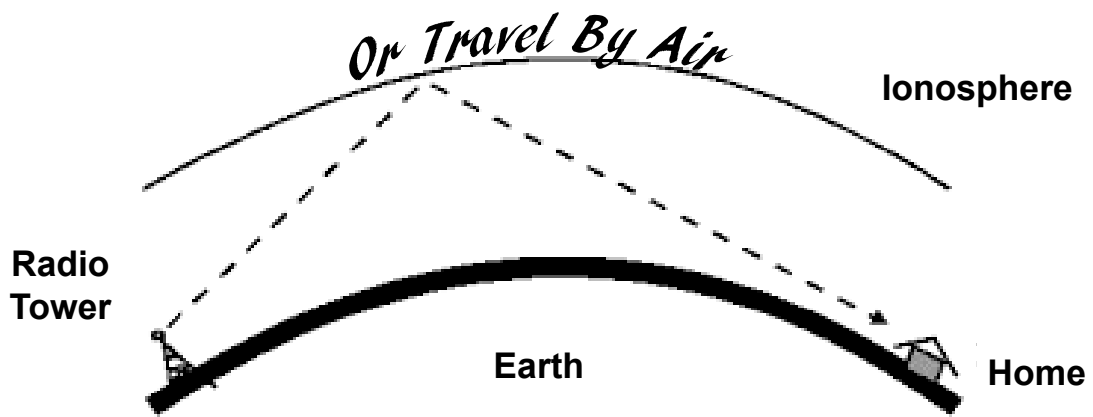
February 9 - 11 | [Orlando HamCation](#), hosting the ARRL Florida State Convention, Orlando, Florida



February 24 | Central Dakota Amateur Radio Club, hosting the [ARRL North Dakota](#) State Convention, Bismarck, North Dakota



February 24 | [HAM-CON](#), hosting the ARRL Vermont State Convention, Colchester, Vermont





Ham Fests

03/17/2024 - Sterling Rock Falls Amateur Radio Society Hamfest

Location: Dixon, IL

Type: ARRL Hamfest

Sponsor: Sterling Rock Falls Amateur Radio Society

Lewis and Clark Community College

HAMFEST/CONVENTION

<http://www.arrl.org/hamfests/sterling-rock-falls-amateur-radio-society-hamfest-1>

03/23/2024 - Lewis and Clark Radio Club Hamfest

Location: Godfrey, IL

Type: ARRL Hamfest

Sponsor: Lewis and Clark Radio Club

Website: <https://k9ham.org/hamfest/>

Mendota Tri-County Fairgrounds

HAMFEST/CONVENTION

06/02/2024 - Starved Rock Radio Club Hamfest

Location: Mendota, IL

Type: ARRL Hamfest

Sponsor: Starved Rock Radio Club

Learn More

Three Sisters Park

HAMFEST/CONVENTION

<http://www.arrl.org/hamfests/starved-rock-radio-club-hamfest-5>

09/21/2024 - 09/22/2024

Midwest Superfest, ARRL Illinois Section Convention

Location: Chillicothe, IL

Type: ARRL Hamfest

Sponsor: Peoria Area Amateur Radio Club

Website: <http://www.w9uvi.org/midwest-superfest>

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

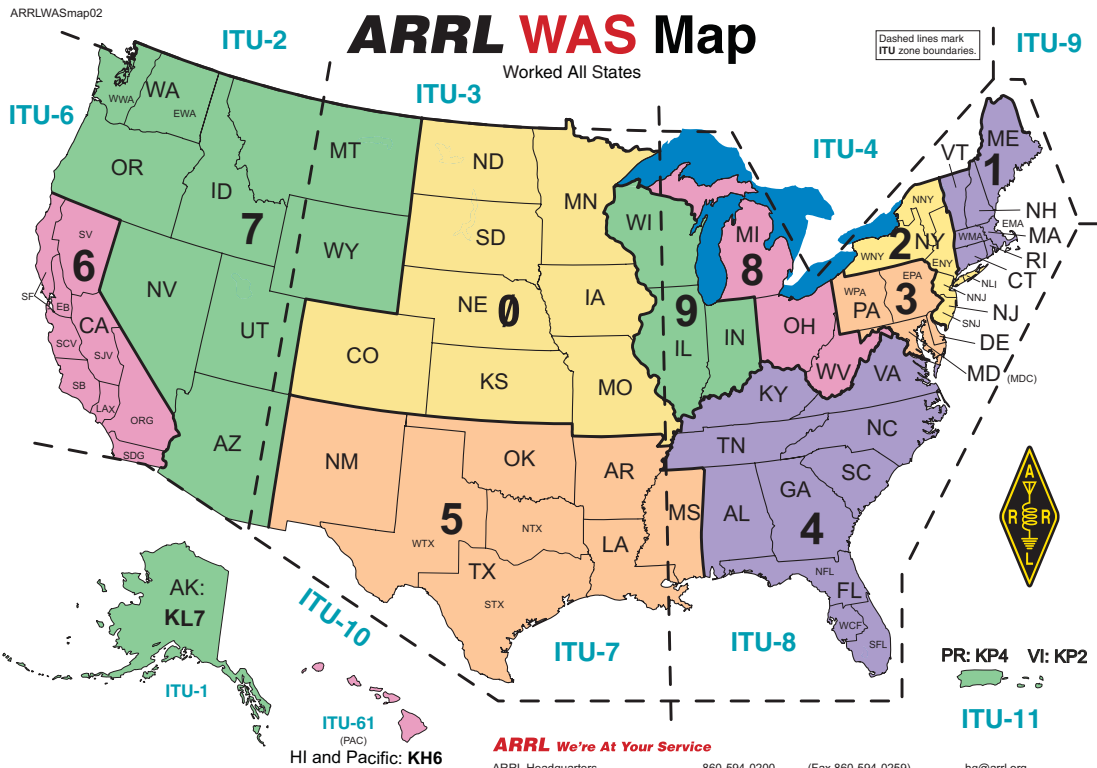
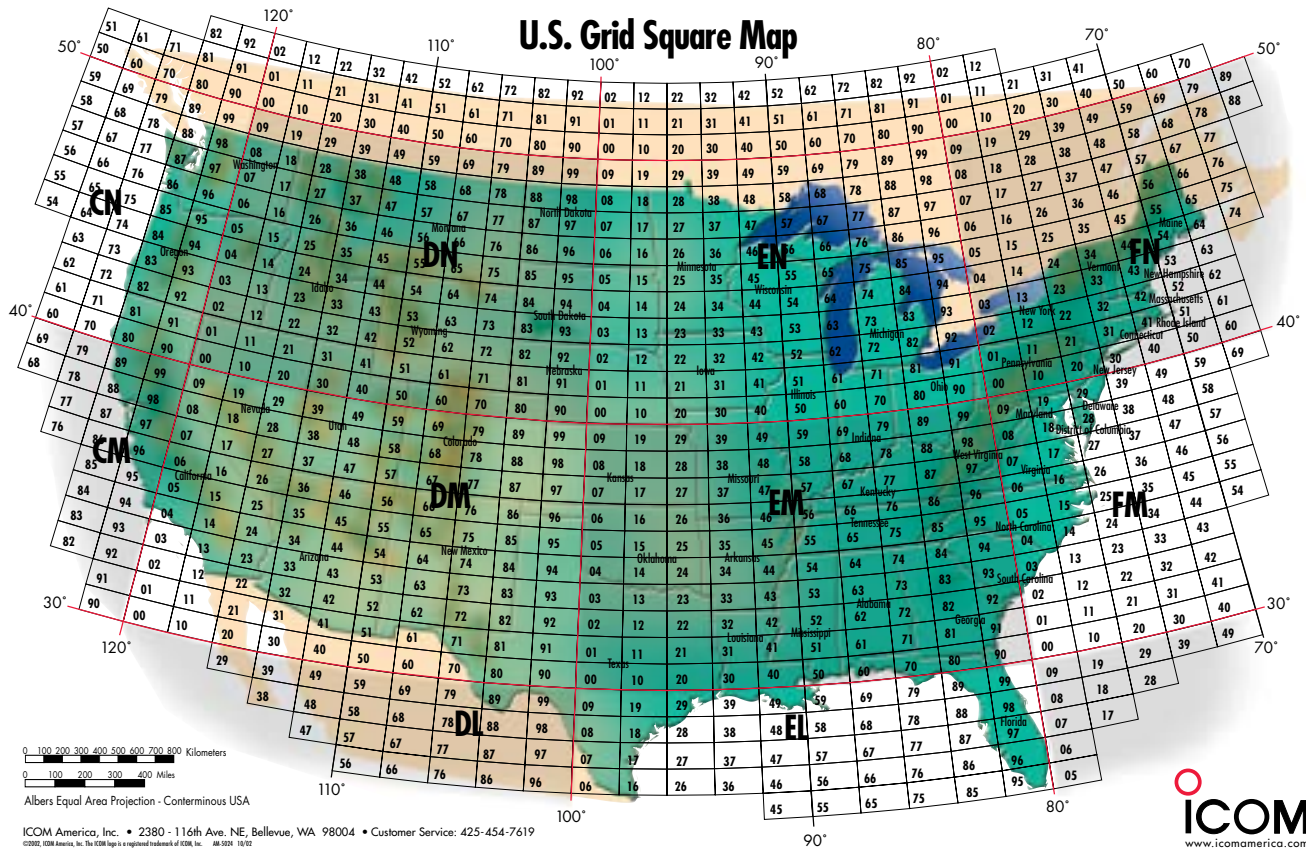
- [Download the ARES Manual \[PDF\]](#)
- [ARES Field Resources Manual \[PDF\]](#)
- [ARES Standardized Training Plan Task Book \[Fillable PDF\]](#)
- [Emergency Communications Training](#)



Kane County ARES

Information

[Click Here](#)



ARRL The national association for
AMATEUR RADIO

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ARRL We're At Your Service

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/

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



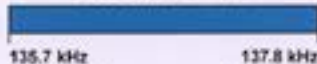
US Amateur Radio Bands

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

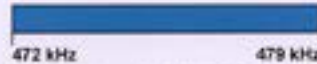
LF – Low Frequency band

2200 Meters (135 kHz) E,A,G
 1 W EIRP maximum

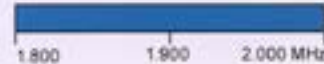


MF – Medium Frequency bands

630 Meters (472 kHz) E,A,G
 5 W EIRP max, except in Alaska within 498 miles of Russia where the limit is 1 W EIRP



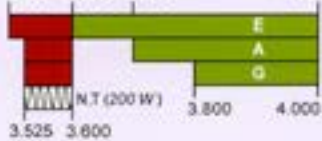
160 Meters (1.8 MHz) E,A,G



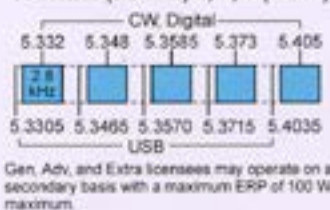
Amateurs wishing to operate on 2200 or 630 meters must first register with the Utilities Technology Council online at <https://utc.org/plc-database-amateur-notification-process/>. You need only register once for each band.

HF – High Frequency bands

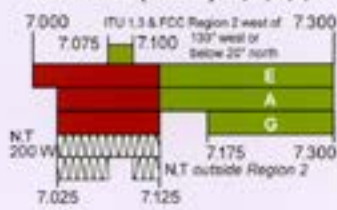
80 Meters (3.5 MHz) E,A,G,T,N



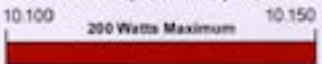
60 Meters (5.3 MHz) E, A, G (100 W)



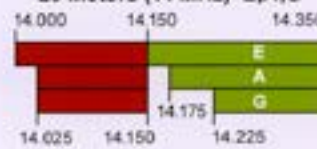
40 Meters (7 MHz) E,A,G,T,N



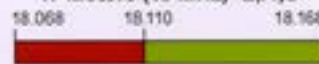
30 Meters (10.1 MHz) E,A,G



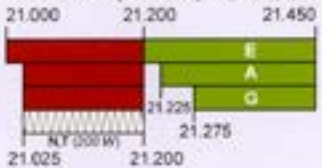
20 Meters (14 MHz) E,A,G



17 Meters (18 MHz) E,A,G



15 Meters (21 MHz) E,A,G,T,N



12 Meters (24 MHz) E,A,G



10 Meters (28 MHz) E,A,G,T,N



VHF – Very High Frequency bands

6 Meters (50 MHz) E,A,G,T



2 Meters (144 MHz) E,A,G,T

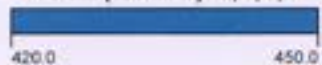


1.25 Meters (222 MHz) E,A,G,T,N



UHF – Ultra High Frequency bands

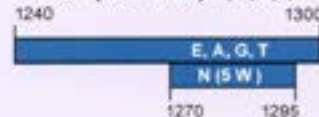
70 cm (420 MHz) E,A,G,T



33 cm (902 MHz) E,A,G,T



23 cm (1240 MHz) E,A,G,T,N



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	30.0-30.5 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

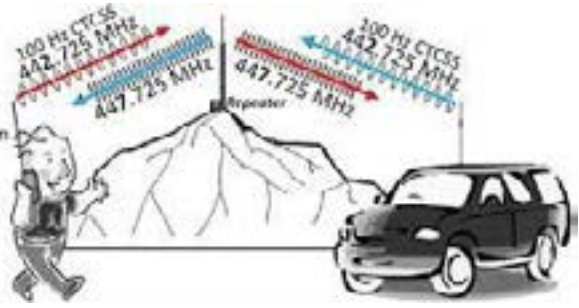
See www.arrl.org/band-plan for detailed band plans.
 Copyright © ARRL 2020
 OTABands rev. 1-22-20



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