



ARCOVER

JUNE 2025



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

1924  2025

Who We Are

President:

Kermit Carlson W9XA

Vice President:

Dan Nolan WA9FRY

Secretary:

Art Shuter NN9I

Treasurer:

Dan Harmon WA9YKK

Director :1

Will Sperling W9WSS

Director: 2

Pat Brod K9ANL

Director 3

Paul Mitchell KC9SEB

Director 4

John Greusel KC9OJV

Past President:

Terry Todd W9AUV

Programs:

Paul Mitchell KC9SEB

Education / VE:

Dan Nolan WA9FRY

License Trustee (W9CEQ):

Kermit Carlson, W9XA

License Trustee (W9NE):

Denny Barfuss W9HI

Newsletter Editor:

Jerry Chapman N9JLC

Webmaster:

Mark Van Daele K9MEV

Membership Database:

Curt Sauer, W9YNP

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.

Join Us
On
Facebook



Fox River Radio League

Mailing Address:

P. O Box 673

Batavia, IL 60510-0673

Email: info@frrl.org

Website: <http://www.frirl.org>





From ———
the desk
of....

——— *FRRL President* ———



Kermit Carlson

We are less than four weeks away from the largest event in the ham radio calendar. Over 30,000 radio amateurs participate in the ARRL Field Day on the last weekend in June and the FRRL will have a large Field Day operation !

This year's FRRL Field Day will be conducted at the South end of the Mooseheart Campus. The planning has been exceptional and I would like to thank the co-chairs of this year's event - Patrick Brod K9ANL and Greg Copeland WBØOET.... They do have a few spots on the Committee. If you dont have time to volunteer please plan to stop by - the FRRL does an excellent job putting on a great Field Day operation.

See you there !

73, Kermit W9XA





ARC OVER

FOX RIVER RADIO LEAGUE MEMBERSHIP MEETING MINUTES

May 13, 2025

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

The May 13, 2025 meeting of the Fox River Radio League was conducted at Bethany Lutheran Church in Batavia, IL. There were 48 members in attendance and 5 members attended via Zoom.

The meeting was called to order at 7:30 CST by President Kermit Carlson, W9XA.

Board members present:

President- Kermit Carlson W9XA

Treasurer, Dan Harmon WA9YKK

Secretary, Art Shuter NN9I

Director, Will Sperling W9WSS

Director, Paul Mitchell KC9SEB

Director, John Greusel KC9OJV

Director, Pat Brod K9ANL

Past president, Terry W9AUV

Many members paid tribute to Joe Dubeck NA9A at the opening of the meeting.

Minutes: Motion to approve the April meeting minutes was moved by Mike K9FE with 2nd by Denny W9HI, motion passed.

Treasurer's Report: Dan WA9YKK reported the bank account balances as of May1, 2025

Reports:

Club Activities Paul KC9SEB: Tonight, the meeting will feature Michelle Nichole from the Adler Planetarium. The June meeting will be about Field day.

Membership/Database: Curt W9YNP reported we have 175 members. 117 on groups IO.



Education/Scouting Dan WA9FRY: On May 10th Dan WA9FRY and Dan WA9YKK attended the Scouts of America Merit Badge University.

We are planning for the fall to have a Tech Zoom class and an in-person Extra class.

Newsletter: Jerry N9JLC: Anyone with articles please let him know. Kane county ARES will present a storm spotter class on April 24.

Technical: John KC9OJV/Mark K9MEV: John displayed a portable 2 meter beam he constructed.

Repeater: Kermit W9XA reported all repeaters are working well.

VE update: Denny W9HI: VE's are needed at testing session.

Field Day – Patrick K9ANL/Greg WB0OET: Pat talked about the new location at Mooseheart. Volunteers are needed for some positions. Band captains are in place, but we do need CW operators.

Old Business:

Club Storage Area: We will remain at the current storage area until fall of 2025.

New Business:

100th Anniversary Glasses Available for \$10 a pair

Upcoming Events:

Next FRRL board meeting – June 3

Membership meeting – June 10

VE testing – May 15

Newsletter deadline – May 20

Field Day Band Captain zoom meetings every second Monday at 6:30 pm

Adjournment:

Motion to adjourn moved by Will W9WSS, 2nd by Marty N9NTM. Meeting adjourned at 8:19 CST.

Respectfully submitted,






Art Shuter NN9I

FRRL Secretary



June 2025

FOX RIVER RADIO LEAGUE

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1 INFORMAL ALLOPR NET 1900	2 CW NET 28.150 2000  SSB NET 28.720 2030	3 1900 FRRL BOD Meeting 1930 FRRL 2m Net	4 1930 FRRL 220 Net 223.86 - 110.9	5	6 D-Day Anniversary	7
8 INFORMAL ALL OPR NET 1900	9 CW NET 28.150 2000  SSB NET 28.720 2030	10 1930 FRRL Membership Meeting No Net	11 No 220 Net	12	13	14 Army Birthday
15 Father's Day INFORMAL ALL OPR NET 1900	16 CW NET 28.150 2000  SSB NET 28.720 2030	17 1930 FRRL 2m Net	18 1930 FRRL 220 Net 223.86 - 110.9	19	20 NEWSLETTER DEADLINE	21
22 INFORMAL ALL OPR NET 1900	23 CW NET 28.150 2000  SSB NET 28.720 2030	24 1930 FRRL 2m Net	25 1930 FRRL 220 Net 223.86 - 110.9	26	27 FIELD DAY SETUP	28 FIELD DAY
29 FIELD DAY =====	30 CW NET 28.150 2000  SSB NET 28.720 2030					
				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



ARC OVER

NEWS AND INFORMATION CENTER

Local - National - International

UNIVERSITY IN ROME LOGS QSOs TO WELCOME NEW POPE

If you were lucky enough to work HV5PUL in Rome recently, you were part of this small university-based station's celebration that a new pope had been elected. Jeremy Boot G4NJH tells us about the activation.

Two days after the conclave of cardinals had elected Pope Leo XIV, amateur radio station HV5PUL - the Pontifical Lateran University - was on the air in the Vatican City State in the heart of Rome, celebrating. The station's administrator, Luca Della Giovampaola, IWØDJB, reported that traffic was lively on 20 metres SSB and 17 metres FT8. He said that the simple 100-watt station logged an estimated 400 contacts in four hours. Propagation was challenging and so, with the exception of one Japanese station, all the contacts were within Europe.

It's not often a new pope is chosen nor that HV5PUL is put on the air. Luca said the callsign is active mainly on Saturdays in connection with special occasions, such as the opening day of the university's academic year -- and of course, the election of a new pope.

This is Jeremy Boot G4NJH.

(LUCA DELLA GIOVAMPAOLA, IWØDJB)



STATE OF ILLINOIS

EXECUTIVE DEPARTMENT

Proclamation

WHEREAS, amateur radio has historically played a significant role in developing worldwide radio communications; and,

WHEREAS, amateur radio operators are instrumental in serving the State of Illinois and the United States, consistently providing behind-the-scenes support for emergency response and other critical needs; and,

WHEREAS, amateur radio provides excellent volunteer communications for agencies including the Illinois Emergency Management Agency, the Illinois Department of Public Health, the National Weather Service, the American Red Cross, the Salvation Army, the Central United States Earthquake Consortium, and others in times of natural disaster and other emergencies; and,

WHEREAS, Illinois has more than 20,000 amateur radio operators who repeatedly donate time, equipment, and services to help their communities; and,

WHEREAS, by continuous learning and experimentation, amateur radio operators help to advance the science of electronics and radio-related communications; and,

WHEREAS, Illinois radio amateurs will continue to hone their communications skills by operating during a simulated emergency preparedness exercise known as "Field Day" on June 28-29, 2025;

THEREFORE, I, JB Pritzker, Governor of the State of Illinois, do hereby recognize June 2025 as **Amateur Radio Month** in Illinois and encourage everyone to join me in this worthy observance.

In Witness Whereof, I have hereunto set my hand and caused the Great Seal of the State of Illinois to be affixed.



Done at the Capitol in the City of Springfield,
this FOURTEENTH day of MAY, in
the Year of Our Lord, two thousand and
TWENTY-FIVE, and of the State of Illinois,
two hundred and SIXTH.

Alysi Bannock
SECRETARY OF STATE

JB Pritzker
GOVERNOR





Jason Grimes
K9GFA



1. Your Name: **Jason Grimes**
2. Your Callsign: **K9GFA**
3. Your License Classification: **General**
4. How long have you been a ham: **3 weeks or so**
5. What interests you most about amateur radio: **I love the idea of talking to people from around the world. I think it's a great thing to be a part of if there ever was an emergency. I've always been a fan of electronics and technology.**
6. What modes do you operate: **70cm, 2m, and 10m SSB so far. I haven't been doing it long enough to try a lot. Still have to get a decent base station set up.**
7. What is your most memorable QSO: **After installing my 10 meter radio in my truck, I made contact with someone in Mexico!**
8. How long have you been a member of the FRRL: **Just joined maybe 2 weeks ago.**
9. What is one piece of advise you would offer a new ham: **Get involved in your local club! Do a ton of research on YouTube. Get on your radio and just listen. You'll learn a lot about etiquette by just hanging out and listening.**
10. What do you like to do outside of ham radio: **My day job is as a garbage man. I drive a roll off truck for Waste Management. My side gig is as a firearms instructor. I really enjoy teaching!**





Dave Ribordy
KE9BAT



1. Your Name: **Dave Ribordy**
2. Your Callsign: **KE9BAT**
3. Your License Classification: **Technician**
4. How long have you been a ham: **Less than a year**
5. What interests you most about amateur radio: **Emergency communication and homebrew equipment**
6. What modes do you operate: **FM**
7. What is your most memorable QSO: **N/A have not made a contact yet**
8. How long have you been a member of the FRRL: **Two months**
9. What is one piece of advise you would offer a new ham: **Join a local club as soon as possible**
10. What do you like to do outside of ham radio: **Hunting and wood turning**



Dear Fellow FRRL Members,

It is with a heavy heart that I relay news of the passing of Joe Dubeck, NA9A. A long-time member of the FRRL and the Fox Valley Amateur Radio community.

Joe was the steady hand as the Net Control Station extraordinaire of the Monday night 10-10 International Nets, and a very accomplished amateur radio operator.

There are no arrangements. He was 87.

It is with deepest regret that I bring you this news,

Kermit W9XA

NA9A;

Ten-Ten #31121 January 6, 1981

Ten-Ten VP 1172

FISTS #1566

SKCC #2343

QCWA #33056

ARRL WAS: September 3, 1981

ARRL 5BDXCC March 14, 1995, Now 8 bands

ARRL DXCC Challenge: September 30, 2004

ARRL A-1 Operator Club: October 16, 2006

CQ WPX: 1,776 Mixed: January 14, 2024

ARRL DXCC Honor Roll - CW

ARRL DXCC Honor Roll - Phone

ARRL DXCC #1 Honor Roll: April 2016

ARRL DXCC Challenge Current Total 2,044:
August 12, 2023

ARRL Diamond Club

ARRL Maxim Society

Joe Dubeck, NA9A received a Lifetime Achievement award for twenty consecutive years of coordinating the Bill Erickson HF Challenge and for conducting the FRRL City of Lights 10 meter Monday night net. Now at 2100 consecutive Mondays night nets as of January 31st.



Joe Dubeck NA9A was the lucky winner of the grand prize drawing this year. Congrats, Joe!



Joe
Dubeck

NA9A





**Knute Dresden
WB9NJL
1948-2025**



**Church
Volunteer**

It is with regret that inform you of the passing of Knute Dresden, WB9NJL, of Aurora, IL. Knute was a past officer and long time member of the FRRL. A graduate electrical Engineer, Knute retired from his career as an Air Traffic Controller with the FAA (ZAU) Aurora Center in 2007. He also worked in the field of BioMedical Electronics at Rush Copley Hospital.

Kermit Carlson W9XA

Memorial held in April



You Are Invited!

Amateur Radio

Field Day²⁰²⁵

June 28-29



Fox River Radio League returns to Mooseheart! The main entrance is on IL Route 31 (Lincolnway) 2 miles North of I-88 and 2 miles South of downtown Batavia. Check-in at the guard station for directions to our site.

Fox River Radio League
SINCE 1924



We have a new Field Day location:

* Mooseheart - Batavia, IL

* Enter off of Route 31, North of Mooseheart Rd. - Henry Wilson St. to the gate house (shown below). Follow the FRRL Field Day signs to the grounds.



ARRL Field Day website Info: <http://www.arrl.org/field-day>

Thanks,

Patrick J. Brod - K9ANL & Greg Copeland - WB0OET

FRRL Field Day Chairmen





What is Field Day?



- ARRL Field Day is a radio communications event that brings together amateur radio operators within your community.
- The event is part picnic, campout, practice for emergencies, informal contest, and most of all, fun!
- ARRL Field Day is the most popular ham radio activity held annually in the US and Canada.
 - On the fourth weekend in June each year, more than 31,000 hams get together with their radio clubs, schools, or friends to operate from remote locations.



New FRRL Field Day Site!





Field Day Positions



- **Public Relations Officer – OPEN** Responsible for posting notices to print and any other media. In general, publicizing our event and its location. Field Day press kit is included in Field Day packet.
- **Membership Officer – OPEN** – Responsible for providing membership information and guidance to visitors at the site. If a GOTA station is operating, encouraging visitors to operate. Market our Club and its activities to visiting Hams.
- **Food Committee Officer – OPEN** Oversee all full-time & part-time Field Day participants have iced, water, pop, and snacks as well as organize main meals. FRRL will provide for main meals, Saturday dinner and Sunday breakfast. Midnight Chili. Person(s) should ensure other snacks and drinks for Friday afternoon staging and Saturday lunch or drinks have been arranged. FRRL will provide Drinks, water, soda and Snacks, chip assortment and cookies. We encourage participants to bring their own or snacks to share. BE LIKE ART!
- **Field Day Club Station Trustee** – Denny Barfuss, W9HI is Trustee of the FRRL Club Station W9NE call sign. Denny will ensure Field Day operations conforms to FCC and event regulations, to protect the club's score and reputation. Additional responsibilities are:
 - The appropriate Band Captains license level for each station is enforced. By default, all operators are Extra Class licensed.
 - The number of transmitters in use never exceeds the number permitted by the Field Day class (e.g., 8A)
 - That no two transmitters are under the same exemption at once.
- **Safety Officer – Terry Todd, W9AUV.** Duties include making certain antennas are safely away from power lines. Generators should be grounded properly and operated carefully. Guy wires for temporary structures or towers need to be well marked. The safety officer needs to work closely with the Field Day Chairman to ensure everyone has a safe, as well as fun time.
- **GOTA Captain & Public Information Table – Rubin Noceda, K9ARN & Tom Lebryk, KD9NPR.** Will manage the *Get On The Air (GOTA)* station. Visitors will be directed to GOTA station where the GOTA captains will explain Amateur Radio and oversee visitors hands-on operate radio communications. Kids can get an official FRRL Field Day Sticker and/or commemorative FRRL Field Day QSL size card - TBD.
- **W1AW Bulletin – OPEN/W9JB?? ☺.** Assign a CW resource to copy W1AW bulletin & Message Handling for extra points.
- **Educational Officer – OPEN/W9HI?? ☺.** Provides an Amateur radio education activity for visitors. This person would also be responsible for youth participation at the GOTA station if we happen to have some visit. Last year we had a whole Boy Scout troop earn their Radio Merit Badges.
- **Event Volunteers – ALL/Anyone.** Part time members to help perform miscellaneous tasks and participate at various radio stations if desired. We always need help setting up and tearing down antennas, tents, cabling, etc.

5



Band Captains SSB & CW



Band	Mode	Phone Band Captain
80/15 Meters	SSB	Mike Urso – K9FE
40 Meters	SSB	Danny Nichols – K9WDW
20 Meters	SSB	Denny Barfuss – W9HI
10 Meters**	SSB	Jim Nevitt – N9XP (TBD)

Band	Mode	CW Band Captain
80/15 Meters	CW	Art Shuter – NN9I
40 Meters	CW	Kermit Carlson – W9XA
20 Meters	CW	Jason Burzynski – NX9Y

** pending resource availability



Band Captains Digital & GOTA



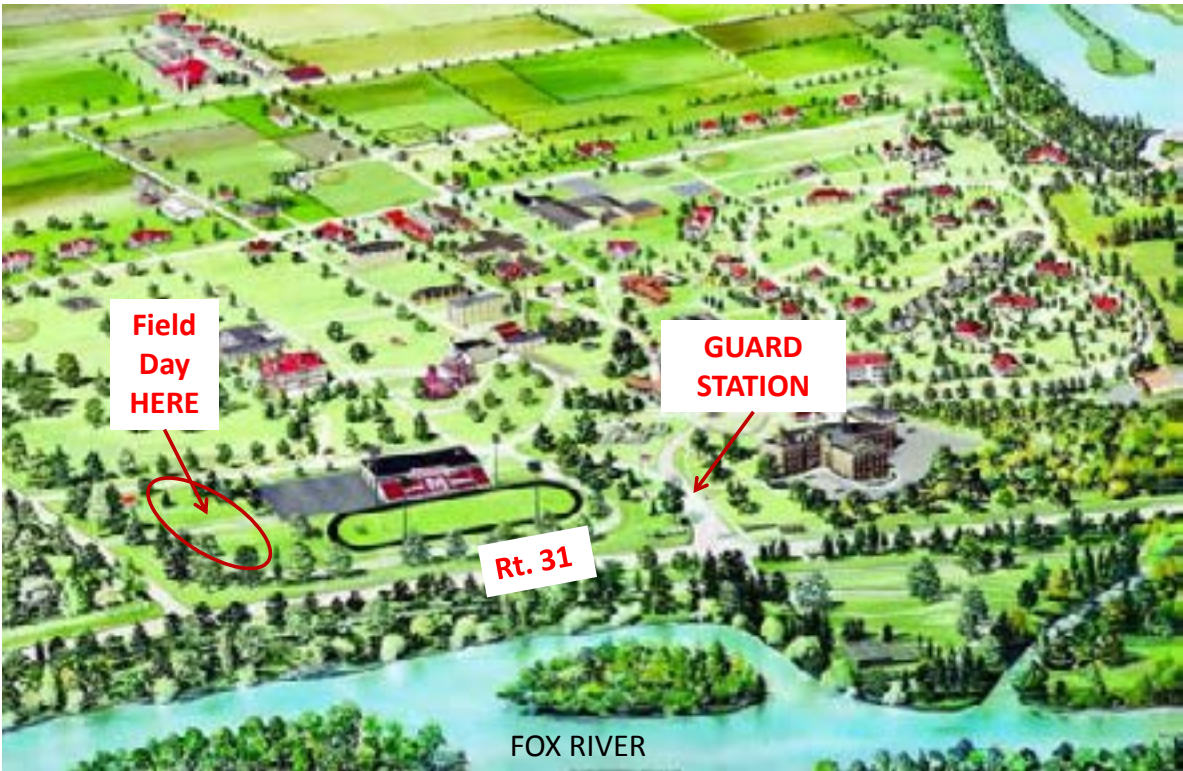
Band	Mode	Band Captain
Digital FT8	Digital	Dan Zielinski – W9ZVE
Get On The Air (GOTA)	SSB	Ruben Noceda – K9ARN & Tom Lebryk, KD9NPR All Contest Bands

Operating “Shifts” per Band

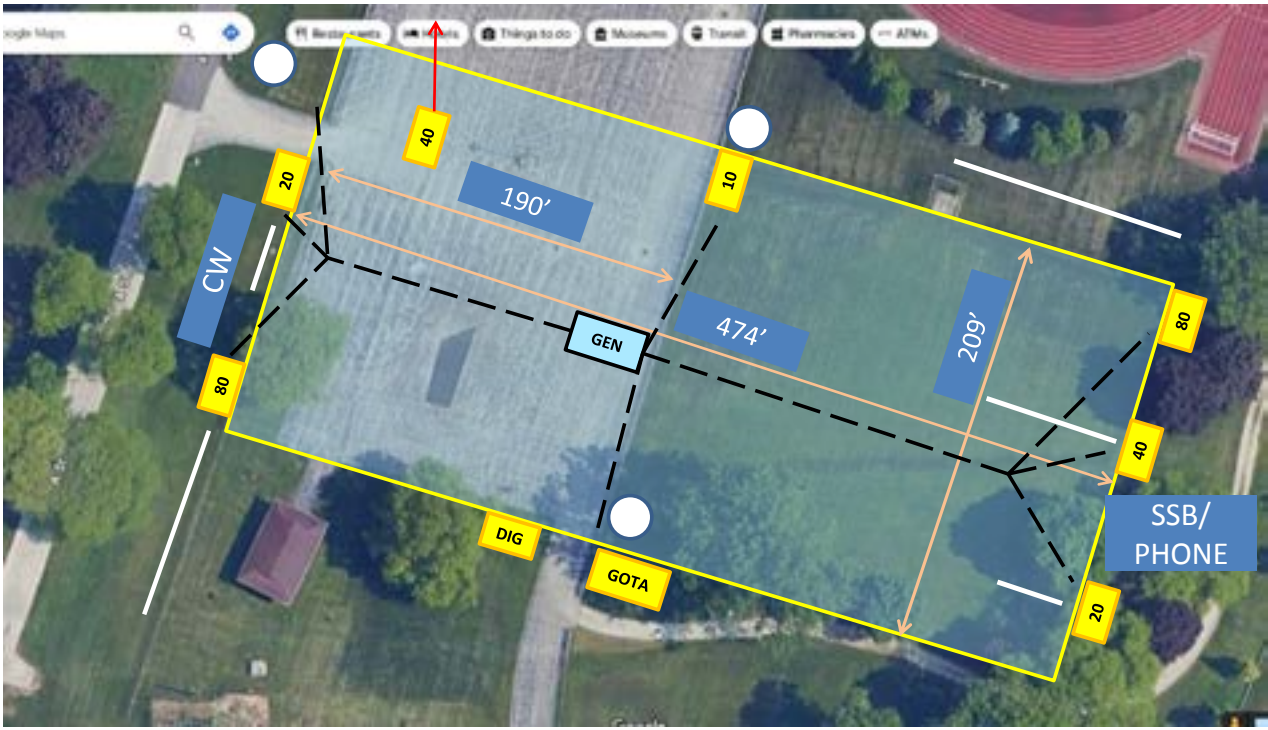
- Saturday June 28th
 - Afternoon 12 Noon to 6 PM Shift 1
 - Evening 6 PM to 12 Mid Shift 2
- Sunday June 29th
 - Late Night 12 Midnight to 6 AM Shift 3
 - Morning 6 AM to 12 Noon Shift 4



Mooseheart Field Day Location 2025



Field Day Station Layout 2025





Thank You
 From the Shack of
 Patrick J. Brod – K9ANL
 Greg Copeland – WBOOET



Field day positions still open

- **Public Relations Officer – OPEN** Responsible for posting notices to print and any other media. In general, publicizing our event and its location. Field Day press kit is included in Field Day packet.
- **Membership Officer – OPEN** – Responsible for providing membership information and guidance to visitors at the site. If a GOTA station is operating, encouraging visitors to operate. Market our Club and its activities to visiting Hams.
- **Food Committee Officer – OPEN** Oversee all full-time & part-time Field Day participants have iced, water, pop, and snacks as well as organize main meals. FRRL will provide for main meals, Saturday dinner and Sunday breakfast. Midnight Chili. Person(s) should ensure other snacks and drinks for Friday afternoon staging and Saturday lunch or drinks have been arranged. FRRL will provide Drinks, water, soda and Snacks, chip assortment and cookies. We encourage participants to bring their own or snacks to share. **BE LIKE ART!**
- **Event Volunteers – OPEN/Anyone.** Part time members to help perform miscellaneous tasks and participate at various radio stations if desired. We always need help setting up and tearing down antennas, tents, cabling, etc.



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.

[Click Here](#)



MEMBERSHIP RENEWAL *Annual Dues*



FRRL commemorative glasses are still available for \$5..



A very nice glass to have on hand to celebrate Father's Day !!



Please use this link to enjoy the pictures from the 100th Anniversary Banquet.

100th Anniversary Celebration Banquet Photos - Sept 10, 2024



[Click Here](#)



100, 50, and 25 Years Ago

June 1925

- The cover shows a neatly laid-out front panel of a ham transmitter.
- A.R.R.L. began as a United States association, and has expanded to include Canada, Newfoundland, and Cuba. In "Editorials: Shall We Change?" K. B. Warner, 1BHW, invites comments on the topic of a name change.
- K. B. Warner, 1BHW, reports on the Paris Congress meeting of April 17, 1925, and its outcome in "International Amateur Radio Union Formed!"
- Simplifying receivers and their controls and front panels is discussed in "Giving the Coil and the Condenser a Rest" by R. S. Kruse, 1OA.
- The Rag Chewers' Club has been organized to promote friendly conversation between amateurs and get away from momentary contacts. F. C. Beekley, 1KP, shares in "RCC."
- Radio will play a prominent role in Commander Donald B. MacMillan's expedition to explore unknown areas near the North Pole. Details are in "The Navy-MacMillan Expedition" by R. H. G. Mathews, 9ZN.
- F. Austin Lidbury, 8BAG, presents an investigation of some hurry-up methods of getting rough wavemeter calibrations, and shows just how far they can be trusted in "Checking up Wavemeter Methods."

June 1975

- The cover features a crystal ball for DXers. No, it won't tell you when it's going to get better, but the story "The DXer's Crystal Ball" by Edward P. Tilton, W1HDQ, shares tips on making the best of the sunspot minimum.
- David Sumner, K1ZZ, shares on the one weekend every year that we find all kinds of hams working together in "It Seems to Us...Field Day — An Amateur Radio Potpourri."
- A transverter design that derives optimum performance from the combined advantages of MOSFET devices and tubes is shown in "A Hybrid Ten-to-Two Transverter" by J. F. Sterner, W2GQK.
- A simple transceiver that is within the building capabilities of most beginners is described in "Beginner and Novice: The Mavri-40, Part 1" by D. K. Siemer, K0JYD.
- Homer T. Fort, W5IKK, has some advice for new Novices as he shares his story in "New Novice-itis."
- What do hams talk about? "A Content Analysis: Amateur Radio Conversations," by Ralph R. Bohnke, W0DWP, and Larry W. Carlie, WB0IVC, outlines some casual listening generalizations.

June 2000

- The cover shows QST Product Review Editor Joe Bottiglieri, AA1GW, operating 20-meter PSK31. Details for building this PSK31 transceiver are in "A Panoramic Transceiving System for PSK31" by Howard "Skip" Teller, KH6TY, and Dave Benson, NN1G.
- David Sumner, K1ZZ, offers suggestions on how to make your license more than just a trophy in "It Seems to Us...New License—Now What?"
- Good gain and a high front-to-back ratio are a couple of reasons to consider this antenna for Field Day use. L. B. Cebik, W4RNL, explains in "Having a Field Day with the Moxon Rectangle."
- Alan Dove, N3IMU, shares what it's like to host competitive swimmers in a marathon-like race through the shipping lanes that surround a densely populated island in "New York City ARES Takes to the Water."
- A fast, easy, and attention-getting way to put up an antenna is described in "Launch Your Field Day Antenna with a Flingshot" by Gary Gordon, K6KV.
- A report on the IARU's 75th anniversary is given in "Amateur Radio World: Sorbonne Hosts IARU 75th Anniversary" — a memorable day, marked by reverence for the past and anticipation of the future.

Taken From
QST



	Park Number	Park Name	POTA Park #	Activated
1.	225	Silver Springs State Fish & Wildlife Area	US-1024	<input type="checkbox"/>
2.	47	Channahon State Park	US-0987	<input type="checkbox"/>
3.	123	Kankakee River State Park	US-1004	<input type="checkbox"/>
4.	113	Iroquois County State Wildlife Area	US-4132	<input type="checkbox"/>
5.	57	Delabar State Park Des Plaines Fish & Wildlife Area	US-0988	<input type="checkbox"/>
6.	89	Goose Lake Prairie State Natural Area	US-7638	<input type="checkbox"/>
7.	155	Mazonia/Braidwood State Fish & Wildlife Area	US-4142	<input type="checkbox"/>
8.	99	Heidecke Lake State Fish & Wildlife Area	US-12184	<input type="checkbox"/>
9.	83	Gebhard Woods State Park	US-0995	<input type="checkbox"/>
10.	263	William G. Stratton State Park	US-1032	<input type="checkbox"/>
11.	109	Illni State Park	US-0999	<input type="checkbox"/>
12.	235	Starved Rock State Park	US-1027	<input type="checkbox"/>
13.	33	Buffalo Rock State Park & Effigy Tumuli	US-0982	<input type="checkbox"/>
14.	151	Matthiessen State Park	US-1009	<input type="checkbox"/>
15.	61	Donnelley/Dupue State Park	US-0990	<input type="checkbox"/>
16.	91	Green River State Wildlife Area	US-4126	<input type="checkbox"/>
17.	101	Hennepin Canal Parkway State Park	US-0997	<input type="checkbox"/>
18.	119	Johnson-Sauk Trail State Park	US-1002	<input type="checkbox"/>
19.	153	Mautino State Fish & Wildlife Area	US-4141	<input type="checkbox"/>
20.	185	Prophetstown State Recreation Area	US-4100	<input type="checkbox"/>
21.	171	Morrison-Rockwood State Park	US-1013	<input type="checkbox"/>
22.	161	Mississippi Palisades State Park	US-1010	<input type="checkbox"/>
23.	15	Apple River Canyon State Park	US-0978	<input type="checkbox"/>
24.	133	Lake Le-Aqua-Na State Park	US-1005	<input type="checkbox"/>
25.	261	White Pines State Park	US-1031	<input type="checkbox"/>
26.	145	Lowden State Park	US-1008	<input type="checkbox"/>
27.	41	Castle Rock State Park	US-0984	<input type="checkbox"/>
28.	79	Franklin Creek State Natural Area	US-4123	<input type="checkbox"/>
29.	217	Shabbona Lake State Park	US-4103	<input type="checkbox"/>
30.	131	Kishwaukee River State Fish & Wildlife Area	US-10391	<input type="checkbox"/>
31.	115	James "Pate" Philip State Park	US-1001	<input type="checkbox"/>
32.	249	Volo Bog Natural Area	US-4160	<input type="checkbox"/>
33.	167	Moraine Hills State Park	US-1012	<input type="checkbox"/>
34.	45	Chain O'Lakes State Park	US-0986	<input type="checkbox"/>
35.	11	Adeline Jay Geo-Karis Illinois Beach State Park	US-1000	<input type="checkbox"/>
36.	265	William W. Powers State Recreation Area	US-4107	<input type="checkbox"/>

Amateur Radio



/



Parks On The Air



Page22

List Provided by
Rob Pothoff N9RLP

Note: blue underline text will not go
to website



These past few months have been very interesting. It began with a major medical scare in January on the way to the Collinsville hamfest. Instead of seeing old friends and meeting new friends, I got to see a lot of doctors and nurses.

It culminated with the EF4 tornado that went very close to my home last week. That's the fourth one this year that has been close. My older sister suggested maybe it is time for me to move.

A lot of hard work has gone into updating the Illinois Section. By the end of May we will have a comprehensive list of ARES District Emergency Coordinators (DEC) and Emergency Coordinators (EC) and it will be published on the arrl-il.org website.

We also have an updated list (not the one on the ARRL site) of affiliated clubs in the Illinois Section. This list will also be published on the arrl-il.org website. ARRL rules for affiliated clubs stipulate that clubs need to update their club information each year after club elections. The same is true for Special Services Clubs.

Why is it important? Imagine if you will, you are a new ham or maybe a ham who just moved into the Section. You go looking for a club and see one close by. When you send an email to the club it comes back as undeliverable. You call the telephone number and it says it is no longer working. As a final act you go to the club meeting location only to find no one there. What would be your impression of the ARRL club? You just lost a potential club member.

In order to keep the list current, we need your help. There are a number of clubs that have not updated their information. I will be sending an email to the last known address asking them to update their information on the ARRL website (<https://www.arrl.org/club-update>) and to kd9bau@gmail.com so we know you have updated your information. Even if there have been no changes, you still need to update, since the update month and year is reflected on the page. It can be done by any club officer.



I also now have an agreement with the ARRL to remove clubs from their listing if they have not updated their information in the past three years.

Please do your update as soon as you can. In order to keep the club list accurate, any club not having updated their information in two years will be marked as inactive and dropped from the list on the third year. It is the only way we can ensure our Illinois Section members have up-to-date information.

There will be a statewide ARES exercise in August. More to come after our Section Emergency Coordinator provides more information. If you have not downloaded the new statewide plan please do so. It is on the arrrl-il.org webpage. Keep a copy of the map by your radio. It shows all the frequencies for the state.

We are still looking for people who can fill some of the Section appointments. If you know someone between the ages of 14 and 26 who might be a good Youth Coordinator please let me know (w9ry@w9rycom).

We also have a number of counties that do not have an Emergency Coordinator. It only requires minimal time each month. I'd definitely like to end 2025 with an EC in all the Illinois counties. If you can help, contact me (w9ry@w9ry.com) or our SEC, Steve Warner, at wa9sww@gmail.com.

I hope your plans are well underway for Field Day. You can go to <https://www.arrrl.org/field-day-locator> and list your clubs Field Day information. Speaking of Field Day, the Governor's Proclamation designating June as Amateur Radio Month has been sent to the PIO's and club presidents. It's a great opportunity for you to take it to your mayor or local official and ask them for a local proclamation. See if you can get your picture taken with them and their proclamation. It's great exposure for amateur radio and I doubt they turn down the opportunity for the press.

I hope to see you at the upcoming hamfests. Stop by the ARRL table and say hello.

73

Thom

ARRL Illinois Section

Section Manager: Thomas H Beebe, W9RY

w9ry@arrrl.org





If You Have Anything

For Sale

To Trade

Looking For / Or

To Loan

Advertise Here



To advertise email: NEWSLETTER@FRRL.ORG



70' of Rohn 45g. Top brg plate, rotor shelf and two guy line brackets. Includes HyGain HDR 300 rotor. Possibly a mast. Everything on the ground. \$1500 for everything.

Contact *Don Rasmussen* N9III at n9iii@comcast.net or 630-269-5598.



STARVED ROCK RADIO CLUB™

AMERICAN RADIO RELAY LEAGUE SANCTIONED HAMFEST 2025



HAM RADIO, RC MODELS,
COMPUTER & ALL HOBBIES
Flea Market 6AM-1PM
AMATEUR RADIO HOBBYIST &
COLLECTORS SHOW



Sunday, June 1st 2025
Indoor 8:00am to 1:00pm

MENDOTA TRI-COUNTY FAIRGROUNDS
503 1st Ave, Mendota, IL 61342

ARRL VE TESTING 9:30am to 11:00am
GRAND PRIZE CASH DRAWINGS \$50-\$75-\$100 at 12:00noon
Tickets \$8.00 advanced (2 stubs) \$10.00 at gate (2 stubs)
All advanced orders must be received by May 23rd 2025
Grand Prize winners need not be present to win

- ✓ LARGE INDOOR EXHIBIT BUILDINGS - Indoor Setup Sat 12noon to 5pm & Sun 8am to 4pm
- ✓ TABLES \$10.00 ADVANCED OR AT THE GATE WITH FREE ELECTRICITY
- ✓ FREE OUTDOOR FLEA MARKET-TAILGATING AREA 6AM to 1PM
- ✓ ON-SITE CAMPING-ELECTRICITY AVAILABLE - FEE BY FAIR BOARD
- ✓ HOURLY DOOR PRIZE DRAWINGS

FOR ADVANCED TICKET AND TABLE SALES OR GENERAL INQUIRIES: SEND A SASE TO
SRRC™ C/O Hamfest Chairman, PO Box 198, Leonore, IL 61322-0198
E-mail: starvedrockhamfest@gmail.com or see our internet site for latest info www.w9mks.org

139 to Rte 52 US Rte 34, West to 1st Ave, South (Left) to Fairgrounds on Left.
GPS: N43.545580deg W089.108484deg (N44deg 32.735min (44.06sec) W089deg 6.507min (30.54sec))

TALK-IN by SRRC™ Repeater - W9MKS 147.120 (+1K5PL)
BREAKFAST and LUNCH ON-SITE BY CATERER

**To keep Ticket prices down, DO NOT dispose of unwanted equipment on the fairgrounds.
If it doesn't sell or you can't give it away- Take it Home!**

MAIL WITH PAYMENT & SASE ENCLOSED TO:

SRRC™ C/O Hamfest Chairman
PO Box 198
Leonore, IL 61322-0198

Make checks payable to SRRC™

Name: _____	QTY	ITEM	EACH	EXTENDED
Address: _____	_____	Advance Tickets	\$ 8.00	\$ _____
City: _____ State: _____ ZIP: _____	_____	Indoor Tables	\$10.00	\$ _____
Phone: _____		Total	\$	_____



How To Order Club Badges

Club name tag are done by: **Image Awards**
1031E State Street
Geneva IL

You can email your order to: ImageAwards@SBCglobal.net

**** If using a credit card there is a 5% surcharge****



**Ask for the FRRLname badge
and**

Don't forget to give them your name & call sign

Question 1:

Which of the following is good practice when installing ground wires on a tower for lightning protection?

- A. Put a drip loop in the ground connection to prevent water damage to the ground system
- B. Make sure all ground wire bends are right angles
- C. Ensure that connections are short and direct
- D. All these choices are correct



Question 2:

What is required when climbing an antenna tower?

- A. Have sufficient training on safe tower climbing techniques
- B. Use appropriate tie-off to the tower at all times
- C. Always wear an approved climbing harness
- D. All these choices are correct

SAFETY
STARTS WITH YOU!

Answers On
Last Page



FRRL Groups.io Group Message Board

By Curt Sauer W9YNP

The FRRL has an active mailing list group on Groups.io. Members in good standing are eligible to join the mailing group. You should receive an invite upon joining the group to the email listed in your application. Your active club membership is required to be a member of our Groups.io group.

The group provides the following features:

Messages/Mailing List

View the calendar

Access to files including the club Bylaws and Membership Roster

Access to photos submitted by members. Great for sharing projects you're working on!

How do I join?

When your FRRL club membership is confirmed you will receive an email invite from Groups.io. The club membership form requests an email to be used by the club or members to contact you for club or ham radio related subject. If you already have a Groups.io account under a different email and wish to combine them there is a second field for that email. If it is filled in, you will get the invite in that email.

When you join, you can choose a profile you'd like to display to the group, select the email address at which you'd like to receive group messages, choose how you receive group messages, and more. You can receive messages via email or by reading the message boards within the group.

If you have questions or changes please contact the Group Administrator: [GroupAdmin \[at\] frrl.org](mailto:GroupAdmin[at]frrl.org).

GOUPS.IO - It's more than just messages.

When you first login to your groups.io account, at <https://groups.io>, you will be presented with a list of the groups that you belong to.

Click on FRRL|Members

You will now see the groups messages in the right window pane and the navigation pane on the left.

Messages are the bulk of what we share and there are a lot of them. The web page has a very useful search function to find exactly what you want.

The following are a few sections that some members may not be aware of.

Photos:

Members may share photos of Ham related activities here.

Show us a picture of your shack or your latest restoration/repair.

As long as it's Ham Radio related you can put a pic here.

Just click on the "New Album" button to add your photos.

Calendar:

This doesn't have much in it at the moment, just meeting and Net reminders, but more is planned.

Files:

This is where the important things are stored.

Example, the club roster is located in a directory called "Roster_and_ByLaws"

If you can't sleep and want to read the club's ByLaws, they are here as well.

Many of the presentations given after the meetings are also here.

Between GROUPS.IO and the club web page at <https://frrl.org> you are sure to find the FRRL information that you are looking for.





W9CEQ

Radio Nets



Sunday

All Operators Net
1900 hrs (7pm) local time
147.21 103.5PL +600

Monday

1930 hrs (7:30pm) local time 28.420 USB Phone
2000 hrs (8pm) local time 28.150 CW
2030 hrs (8:30 pm) local time 28.720 USB Phone



Tuesday

1930 (7:30 pm) local time
147.21 103.5PL +600

Except for the 2nd Tuesday of the month



Wednesday

1930 hrs (7:30pm) local time
223.860 110.9kHz PL -1.6Mhz

Except for the 2nd Wednesday of the month.

We will have an informal net with checkins and a question of the day. The goal of the net is to encourage 220 usage along with getting to know your fellow 220 Mhz users so that we can exchange usage and coverage data to ensure that we have one of the best 220 repeaters in the area.





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

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

Start: TBD
End:



EXTRA classes are held in person at:



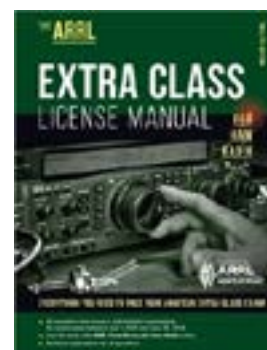
MESSENGER
PUBLIC LIBRARY OF NORTH AURORA

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 through the ARRL website.

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](#).



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

Extra classes are 12 weeks long.

You can contact Dan Nolan at:

Education@frrl.org

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 odd month. Ad-hoc sessions are planned during major events and will be added to the schedule here as well.

Upcoming Testing Schedule for **2025**

January 16
March 20
May 15
July 17
September 18
November 20

VE's Needed !!



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



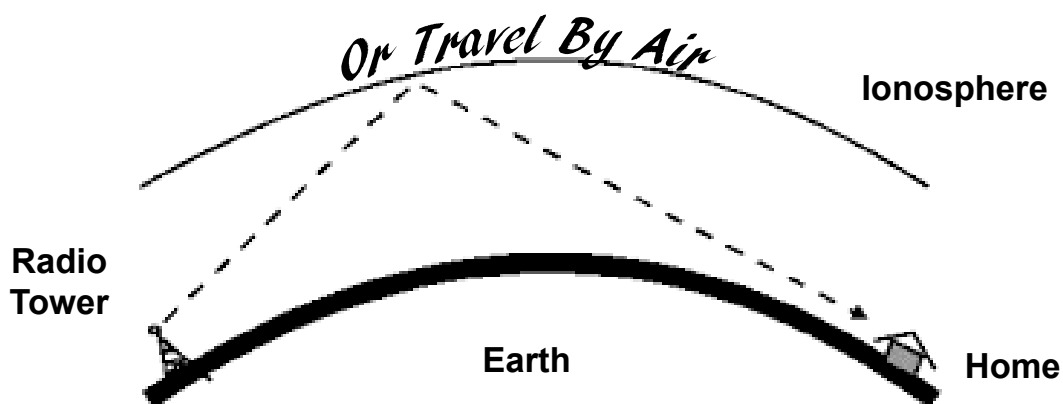
You can also participate in one (or all) of the Illinois Traffic Nets. Everyone is welcome with or without traffic. The nets are the North Central Phone Net, Daily (M-F) at 7 a.m. local time, on 3912 kHz LSB; the Illinois Phone Net, Monday – Friday at 4:45 p.m. local time, on 3857 kHz LSB and on Sunday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

... .. / / / /





Date	Time	Event	Location	Sponsor	Cost	Talk-In	Notes
JUNE 7, 2025	8:00AM - 11:00AM	Antique Radio Club Swap Meet	570 S. Gary Ave, Carol Stream, IL	Antique Radio Club of Illinois	Free!	No talk-in	Donation sale - occurs five times per year
JUNE 7, 2025	7:00AM - NOON	LAARC & Lakeshore Free Fest	1588 Mill St, Lyons, WI	Lakes Area Amateur Radio Club (WI9ELK)	Free!	146.865 127.3pl	Bring your own table if you wish to sell (free), free parking
JUNE 14, 2025	7:00AM - NOON	SWAP MEET & Grumpy Social	9035 Grant Ave, Brookfield, IL	6 Meter Club of Chicago (K9ONA)	\$10 door, \$8 in advance		Food, hourly door prizes, AC, meet the Grumpy Net!



AMATEUR RADIO EVENTS

THE HAM RADIO COMMUNITY IN ACTION!

Date	Sponsor	Notes
June 1, 2025	BANK OF AMERICA CHICAGO 13.1 West side of Chicago	This 13.1-mile event through Chicago's West Side weaves through vibrant and culturally diverse neighborhoods, starting and finishing in Garfield Park. Amateur radio volunteers assist with event and participant monitoring throughout the course while assisting various event teams with communications. Click here to volunteer through Rob Orr (K9RST) at Ham Radio Chicago .
June 7, 2025	MACC FUND TREK 100 Waterloo, Wisconsin	The Midwest Athletes Against Childhood Cancer (MACC) is the beneficiary for this bike event with routes that span, 5, 13, 27, and 65 miles across the heart of America's Dairy Land before returning to the party at the finish line. Amateur radio operators provide rider support, assistance at rest stops, on-route monitoring and communications and more. Click here to volunteer through John Cankar (N9GUU) and the North Shore Amateur Radio Club (NS9RC) .
June 29, 2025	SWEDISH DAYS RIDE Sugar Grove, Illinois	This bicycle event provides 12, 28, 51, 73, 103, and 133-mile routes through the farmlands of Sugar Grove and nearby towns. Amateur radio operators provide rider support and communications on and along the route while coordinating with event officials. Click here to share your interest with Randy Broadwell (N9APP).



www.AmateurRadioEvents.com



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](#)

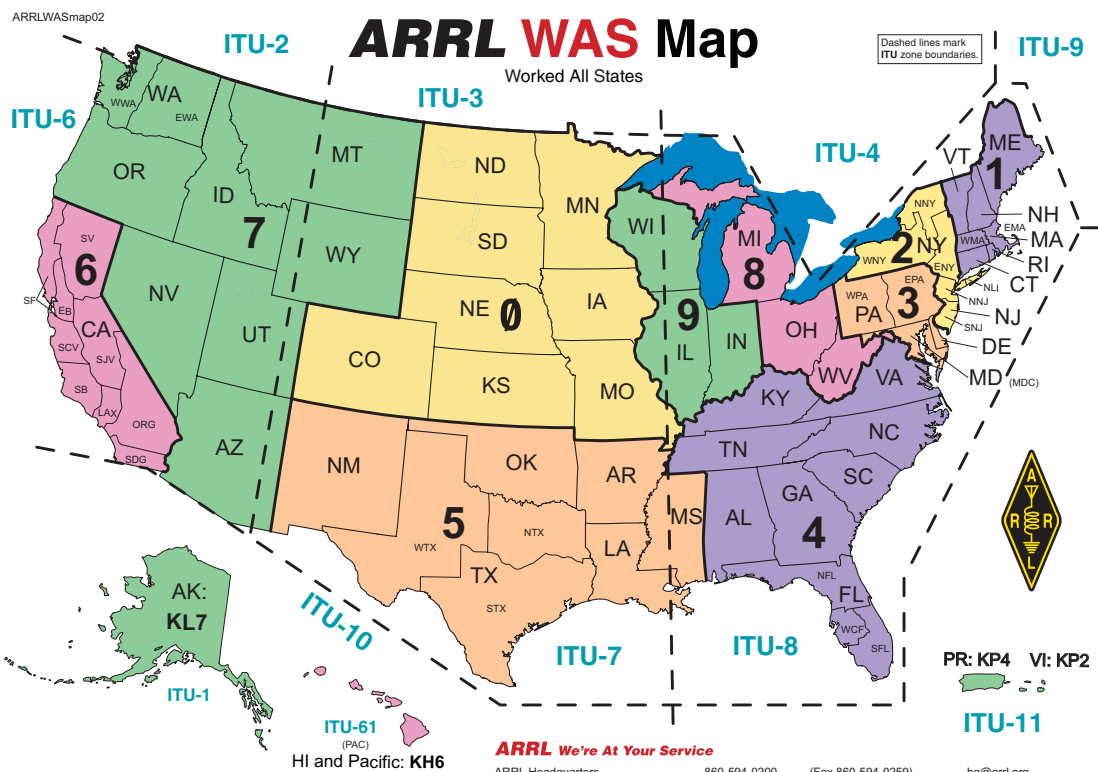
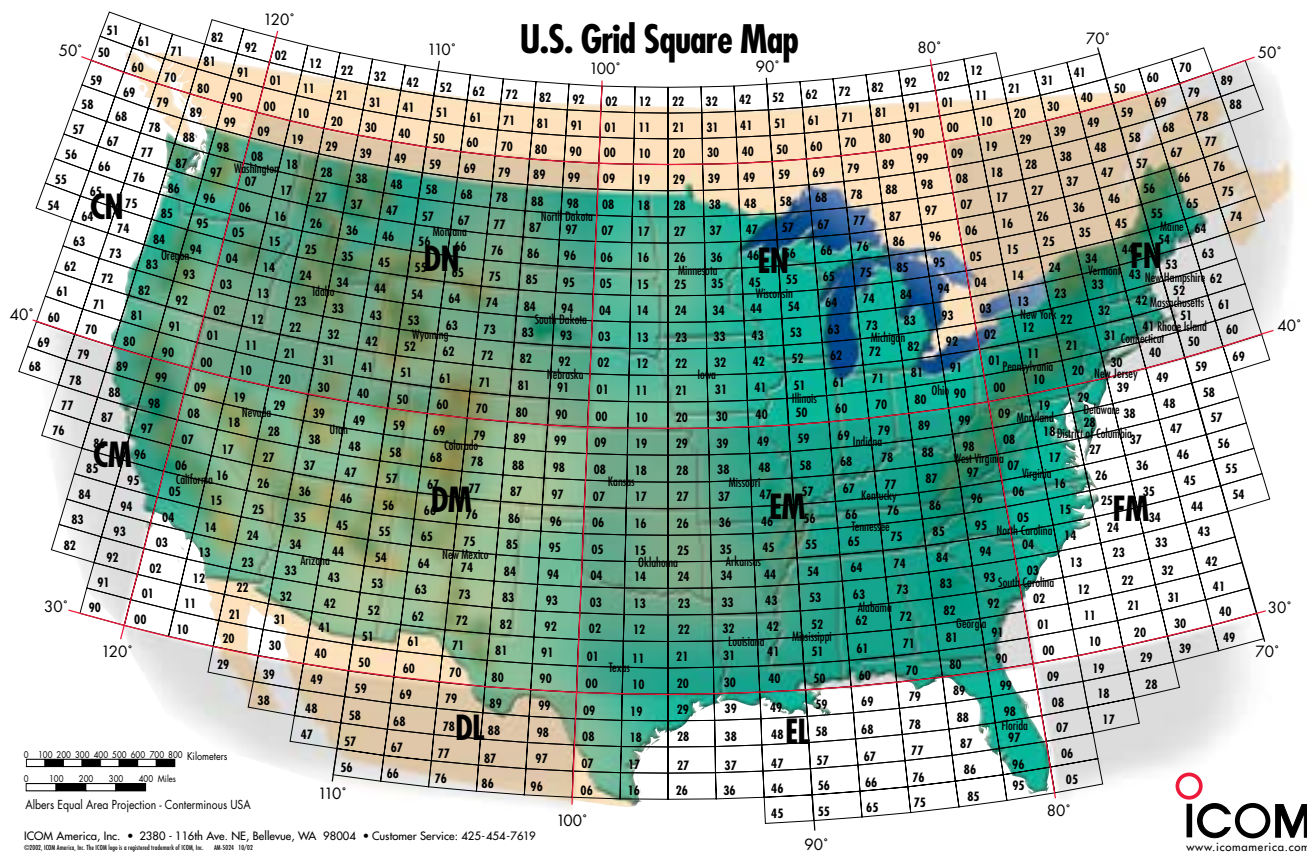


Kane County ARES

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



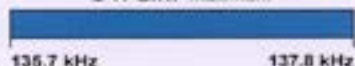
US Amateur Radio Bands

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 only

LF – Low Frequency band

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



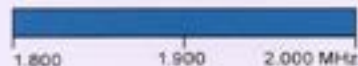
Amateurs wishing to operate on 2200 or 630 meters must first register with the Utilities Technology Council online at <https://utc.org/utc-database-amateur-notification-process/>. You need only register once for each band.

MF – Medium Frequency bands

630 Meters (472 kHz) E,A,G
5 W EIRP max, except in Alaska within 496 miles of Russia where the limit is 1 W EIRP

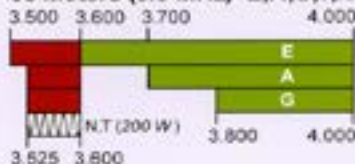


160 Meters (1.8 MHz) E,A,G

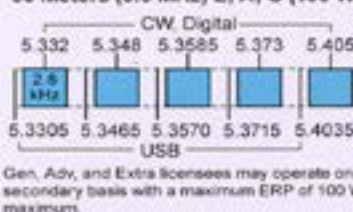


HF – High Frequency bands

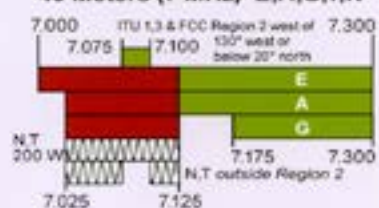
80 Meters (3.5 MHz) E,A,G,T,N



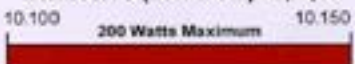
60 Meters (5.3 MHz) E, A, G (100 W)



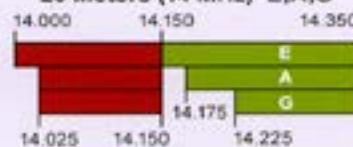
40 Meters (7 MHz) E,A,G,T,N



30 Meters (10.1 MHz) E,A,G



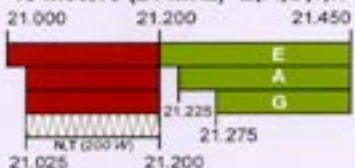
20 Meters (14 MHz) E,A,G



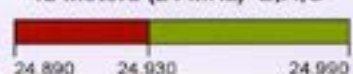
17 Meters (18 MHz) E,A,G



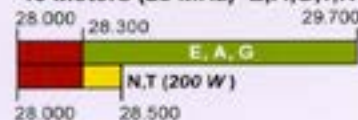
15 Meters (21 MHz) E,A,G,T,N



12 Meters (24 MHz) E,A,G

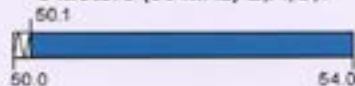


10 Meters (28 MHz) E,A,G,T,N

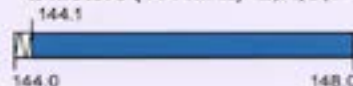


VHF – Very High Frequency bands

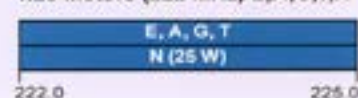
6 Meters (50 MHz) E,A,G,T



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

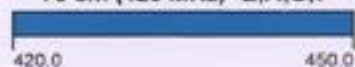


1.25 Meters (222 MHz) E,A,G,T,N



UHF – Ultra High Frequency bands

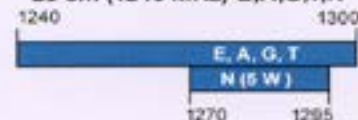
70 cm (420 MHz) E,A,G,T



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 10.0-10.5 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



**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 MHz 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

K9IIR

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

ANSWERS

Q1 "C"

Q2 "D"

