



ARCOVER



NOVEMBER 2022

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

1924  2022

Who We Are

President:

Terry Todd W9AUV

Vice President:

Roger Bara W9YU

Secretary:

Art Shuter NN9I

Treasurer:

Dan Harmon WA9YKK

Director 1: NETS / RPTR'S

Ruben Noceda K9ARN

Director 2 Training

Robert Littler W9DSR

Director 3: Activities

Dave Bulkley K9DWB

Director 4: Technical

Adrian Dinwiddle KB9QQJ

Past President:

Gordon Dailey KW0E

Programs:

Gordon Dailey KW0E

Education / VE:

Dennis Barfuss W9HI

License Trustee (W9CEQ):

Kermit Carlson, W9XA

License Trustee (W9NE):

Denny Barfuss W9HI

Newsletter Editor / PR:

Jerry Chapman N9JLC

Webmaster:

Mark Van Daele K9MEV

Membership Database:

Chris Kennell, KC9BKS

Net Coordinator:

Curt Sauer, W9YNP

About Us

The Fox River Radio League, Inc. is a general interest Amateur Radio club serving the central Fox River Valley area in Illinois. Club records indicate the club has been in existence since at least 1924, and it has functioned continuously ever since. We are an ARRL Special Service Club, an Illinois not-for-profit corporation, and a 501(c)(3) tax exempt organization as specified in Federal IRS Statutes.

We sponsor training classes for those seeking a new or upgraded Amateur Radio license, license examination sessions, and participation in various local Public Service events. Our membership covers a broad variety of interests - if you have a specialized amateur radio interest, you will likely find camaraderie with one or more of our club members.

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

Meetings are open to the public. Anyone interested in the amateur radio hobby are invited to attend. Family members are welcome.

- Page 1 Club Information
- Page 2 Presidents Message New MBR's
- Page 3 Meeting Minutes
- Page 5 Calendar
- Page 6-8 Club Information
- Page 9 information
- Page 10 Out and About
- Page 11 Classes
- Page 12-13 Misc Info
- Page 14 VE Information
- Page 15 ARES
- Page 16 Illinois Hamfests
- Page 17-19 Misc Information

Fox River Radio League

Mailing Address:
P. O Box 673
Batavia, IL 60510-0673

Email: info@frrl.org

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





From
the desk
 of....

The Esteemed

Terry Todd



All,

At the November Meeting we will have the big reveal from our nomination committee. Make sure to attend to see what we have in store for the coming year.

Also we will have a program that should be of interest to everyone. i hope to see you there on November 8 at 7:30 at Bethany Lutheran Church.

Terry W9AUV

**President
 Todd
 Welcomes**



**Our
 Newest
 Members**

CALL SIGN	NAME	LICENSE
KD9VUQ	Jeremy Landfare	Tech





ARC OVER

FOX RIVER RADIO LEAGUE MEMBERSHIP MEETING MINUTES

October 11, 2022

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

Meeting Minutes: October 11, 2022

The October 11, 2022 meeting of the Fox River Radio League was conducted at Bethany Lutheran Church in Batavia, IL. There were 33 members in attendance and 6 members attended via Zoom.

The meeting was called to order at 1930CST by President Terry Todd, W9AUU.

Board Members and Directors Present

President, Terry Todd W9AUU

Director 1, NETS/RPTR'S Ruben Noceda K9ARN

Director 2, Education Robert Littler W9DSR

Director 3, Activities Dave Bulkley K9DWB

Minutes: Acceptance of the September, 2022 Membership Meeting minutes as printed in the ArcOver were approved by the membership. Motion: Robert Littler W9DSR, 2nd: Tom Westerfield N9HSJ, Motion passed

Reports:

Director 1: RPTR'S: Ruben Noceda K9ARN: We need to update IRA webpage as there is incorrect info on their list of repeaters.

Director 2: Robert Littler W9DSR: Illinois QSO Party coming up.

Education: Tech and General Classes coming up.

Civil Air Patrol has requested a tech class

The Extra sessions will be held in person at the North Aurora Library.

VE Update: The next session will be on November 17th at the Geneva Lutheran Church.



Meeting Minutes: October 11, 2022 (Continued)

Old Business: The Nominating slate is almost complete and will be announced at the November meeting.

New Business: There will be a committee created to do By-Laws review. If you are interested in serving on this committee please contact Terry W9AUV or Dan WA9YKK.

Announcements from the floor: The IL QSO Party equipment and antennas will be set on Sunday October 16th at the Springbrook Prairie Forest Preserve in Naperville.

Adjournment: Motion by Marty N9NTM, 2nd: Kurt KD9SUV. Meeting adjourned at 20:15 CDT.

Respectfully submitted (with many thanks to Dean Holste KC9EOQ for his help in recording the minutes)

Art Shuter - NN9I
FRRL Secretary

Word Search

K D F U S I O N A A U R Q B H K T T
V J G G F R R L B R N Y A S A M H M
S H R E E D I F D A R A I D M I A O
M J A X U N M T U U T L L X I P N A
R C V A S J E R H S P A H O B O K M
V G Y M A J O R F E I L V A G G S A
T E C H G B N P A V X M E I L G G T
L I L L I N O I S L H T P X A A I E
M A R C O V E R Q I A F R L T D V U
Y F F R E P E A T E R T S A E I I R
Q X C R O S S B A N D I C O M X N G
K H V T O I N I J G U E H O H L G R

Find the following words in the puzzle.
Words are hidden → ↓ and ↘ .

AMATEUR	EXAM	ILLINOIS	VHF
ANALOG	EXTRA	RADIO	
ARCOVER	FRRL	REPEATER	
ARRL	FUSION	SIMPLEX	
BATAVIA	GENERAL	TECH	
CROSSBAND	GRAVY	THANKSGIVING	
DMR	HAM	UHF	
DUPLEX	ICOM	USA	



November
2022



FOX RIVER
RADIO LEAGUE

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1 1900 FRRL BOD Meeting 1930 FRRL 2m Net	2	3	4	5
6 INFORMAL ALL OPR NET 1900	7 CW NET 28.150 2000 SSB NET 28.720 2030	8 1930 FRRL Membership Meeting No Net	9	10 VE Testing 1800	11 	12
13 INFORMAL ALL OPR NET 1900	14 CW NET 28.150 2000 SSB NET 28.720 2030	15 1930 FRRL 2m Net	16	17	18	19
20 INFORMAL ALL OPR NET 1900	21 CW NET 28.150 2000 SSB NET 28.720 2030	22 1930 FRRL 2m Net	23	24 	25	26
27 INFORMAL ALL OPR NET 1900	28 CW NET 28.150 2000 SSB NET 28.720 2030	29 1930 FRRL 2m Net	30			
				MEMBER MEETING BETHANY LUTHERAN CHURCH 8 SOUTH LINCOLN ST. BATAVIA IL		
WCRA 2m Net 8pm 145.31 -6 107.2	VARA 2m Net 8pm 146.79 -6 107.2	FRRL 2m Net 7:30pm 147.21 +6 103.5	Kane County ARES 2m Net 6:30pm 145.47 -6 103.5	Northern Illinois ARRL 70cm Net 7:30pm 444.875 +5MHz, 114.8	CW Net 28.150, Monday 8PM SSB Net 28.720, Monday 8:30PM	

Fox River Radio League

News & Information

Local - National - International



The 147.210 repeater now has EchoLink running.

Members may connect to the repeater via their phone or computer.

Callsign W9CEQ-R Node Number 230933

For more information, please come to the November club meeting as there will be a short presentation explaining EchoLink.

73,
Curt W9YNP

Editors Note:

See Page 7 for more information



Offices up for Nominations:

President

Vice President

Secretary

Treasurer

Director

Director

If you would like to nominate yourself or someone else for these positions please contact our nomination committee who are -

Denny W9HI ([Click Here](#))
Harry K9DXA ([Click Here](#))
Gordie KW0E ([Click Here](#))



Nominations will be taken on and before the November meeting at which time nominations will be closed.

Elections will be held at the December meeting.

FRRL W9CEQ Echolink Repeater Instructions

Echolink allows licensed Amateur Radio stations to connect to one another over the Internet. You can use Echolink to connect your station (or your computer) over the Internet to other amateurs using the same software, and carry on a voice QSO. This greatly enhances the range and utility of mobile and portable VHF/UHF-FM stations, and also allows computer-equipped hams to access distant repeaters directly.

Operating Procedure:

You can connect to the 147.21 repeater with your phone's Echolink app or a windows PC. Search for the callsign **W9CEQ-R** or use our node number **230933**. At this time, connecting to other nodes is disabled.

Once you are connected to the repeater, the system will announce your callsign over the air. For Echolink users, the courtesy tone will change to a morse code 'K' character and will be delayed about 1 second from when you unkey. RF users should wait for the courtesy tone even though the wait is longer than normal. The courtesy tone stays the same for RF users of the repeater. Up to 10 users may connect at once which is useful for nets.

Smartphone users should configure their app to use a "Direct" type of network connection if possible. By default, the "Relay" type is selected. When using "Relay" the system does NOT retrieve the users callsign correctly and the wrong call may be announced over the air. Using the "Direct" connection solves this issue. When you disconnect from the repeater, your callsign will again be announced over the air noting that you have disconnected.

Remember that you are still transmitting a signal that can be heard by anyone monitoring the repeater. Proper repeater etiquette is expected. Please refer to the Repeater Conduct Guidelines avail on the club's website.

Fox River Radio League Repeater Conduct Guidelines (Nov. 4, 2006)

1. Always identify according to the regulations.

You should identify your station when you make contact with another ham, then every 10 minutes or more often if you like, and at the end of your conversations

2. Avoid lengthy conversations.

Please limit conversations to 15 or 20 minutes

3. Do not engage in political soap boxing.

Using the club's repeaters as a platform for soap boxing is unacceptable.

4. Do not routinely circumvent the time-out timer.

Regulation 97.213(b) requiring us to limit repeater transmissions to a maximum of three minutes under automatic control.

5. CB Lingo, "Q" codes and excessive phonetics.

They are not necessary on a good communication channel like a repeater.

6. Always yield the frequency to a breaking station.

This applies to all calling or breaking stations, because you never know if they have an emergency or not

7. Our repeaters are "G-Rated" 24 hours a day.

You never know who may be listening

8. Our rule is simple:

Absolutely no obscene, indecent or profane language at any time.

Editors Note: FRRL rules stated here are quoted in part of the actual rule itself. Please refer to the Conduct Guidelines on the club's website
--





If You Have Anything



For Sale
To Trade
Looking For / Or
To Loan



Advertise Here

1. Cushcraft 5 element 6meter beam antenna, 12 foot boom \$75 (works great but surplus to my needs)
2. Hygain DX-88 8 band Vertical antenna, 1500 watt vertical antenna with Steel Mount frame \$200
The DX-88 is 26 feet tall, needs ground mounting and a radial field. Manufacturers suggestion is 20 20 foot radials buried or on the ground. Works great, but not needed any more.

I am starting to lighten the equipment load

Mike Urso K9FE
630-327-5164



It's almost time to pay your dues



Radio Amateurs of Canada (RAC) reorganization effective January 1, 2023.



The Radio Amateurs of Canada (RAC) have announced a realignment of their Field Organization resulting in the addition of a new section and name changes to several others effective January 1, 2023. This will result in the changes to ARRL contests that use ARRL/RAC sections as multipliers, including Field Day, ARRL November Sweepstakes, and 160-Meter contests.

The RAC Field Organization will be reorganized into the following sections effective January 1, 2023:

Newfoundland and Labrador (NL)
Nova Scotia (NS)
Prince Edward Island (PE)
New Brunswick (NB) - the Maritime Section (MAR) will be abolished.
Quebec (QC)
Ontario East (ONE)
Golden Horseshoe (GH) - currently called Greater Toronto Area (GTA).
Ontario South (ONS)
Ontario North (ONN)
Manitoba (MB)
Saskatchewan (SK)
Alberta (AB)
British Columbia (BC)

Territories (TER) - Northwest Territories, Yukon and Nunavut will be combined into one section. Note that this change is forthcoming and will not impact the 2022 ARRL November Sweepstakes (CW/SSB) or 160-Meter Contests.

Please direct any questions to Dave Goodwin, VE3KG, Regulatory Affairs Officer, RAC, by email at regulatory@rac.ca.



Dayton Hamvention® has announced that the Ramada Inn in Xenia, Ohio, is closing. The Dayton Daily News is reporting that the city of Xenia will take full possession of the Ramada Inn on November 1, 2022. The land will be incorporated into the Xenia Towne Square revitalization project. Hamvention, the largest annual ham radio convention in the US, will be held May 19 - 21, 2023, at the Greene County Fairgrounds and Expo Center in Xenia. A list of other accommodations can be found on the Hamvention website at <https://hamvention.org/travel-parking/accommodation/>.





November 5 - 6 | [Stone Mountain Hamfest](#), hosting the ARRL Georgia Section Convention, Lawrenceville, Georgia

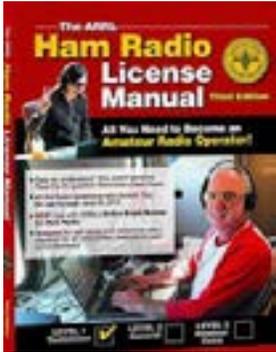


November 12 | [Montgomery ARC Hamfest](#), hosting the ARRL Alabama State Convention, Montgomery, Alabama



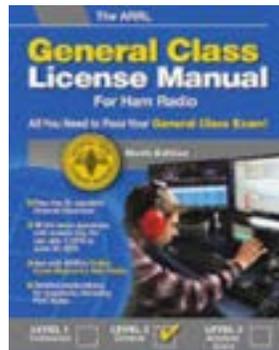
November 12 | [Rock Hill Hamfest](#), hosting the ARRL South Carolina Section Convention, Rock Hill, South Carolina



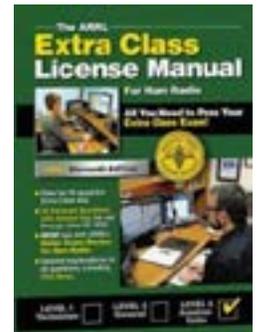


Fox River Radio League Technician

General



And Extra Radio Classes
Resume
In The Fall Of
2022



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](#).



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



Page12



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 anything big, just take your rig, wear your mask, set up an antenna, radio and have fun.



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

Dave K9wdb



VE Testing

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

Upcoming Testing Schedule:

November 10, 2022 at 1800hrs

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



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

Please also be sure to bring:

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

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

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



VE's Needed !!

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.

..... / / / /



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](#)



Here are the hamfests as I know them now. Remember to check into the
arrl.org page for the latest information.

April 30, 2022 - Sullivan Hamfest
Location: Sullivan, IL
Website: <https://www.qsl.net/mark/>

May 1, 2022 - The DeKalb Hamfest
Location: Sandwich, IL
Website: <http://karc-club.org>

June 5, 2022 - Starved Rock Radio Club
Hamfest
Location: Mendota, IL
Website: <http://www.w9mks.org>

June 12, 2022 – Egyptianfest
Location: Granite City, IL
Website: hamfest@w9aiu.net

July 17, 2022 - Karsfest
Location: Peotone, IL
Website: <http://w9az.com/karsfest.html>

August 7, 2022 - Hamfesters Radio Club
Hamfest
Location: Peotone, IL
Website: <http://ham-ham.org>

August 13, 2022 - West Central Illinois
Hamfest
Location: Carlinville, IL
Website: <https://wcilhamfest.com/>

September 16 & 17, 2022 - 2022 W9DXCC
Convention
Location: Naperville, IL
Website: <http://www.w9uvi.org>

September 17-18, 2022 - Midwest Superfest 2022,
ARRL Illinois State
Convention
Location: East Peoria, IL
Website: <http://www.w9uvi.org>

September 23-24, 2022 - HRO Superfest, ARRL
Central Division Convention
Location: Milwaukee, WI

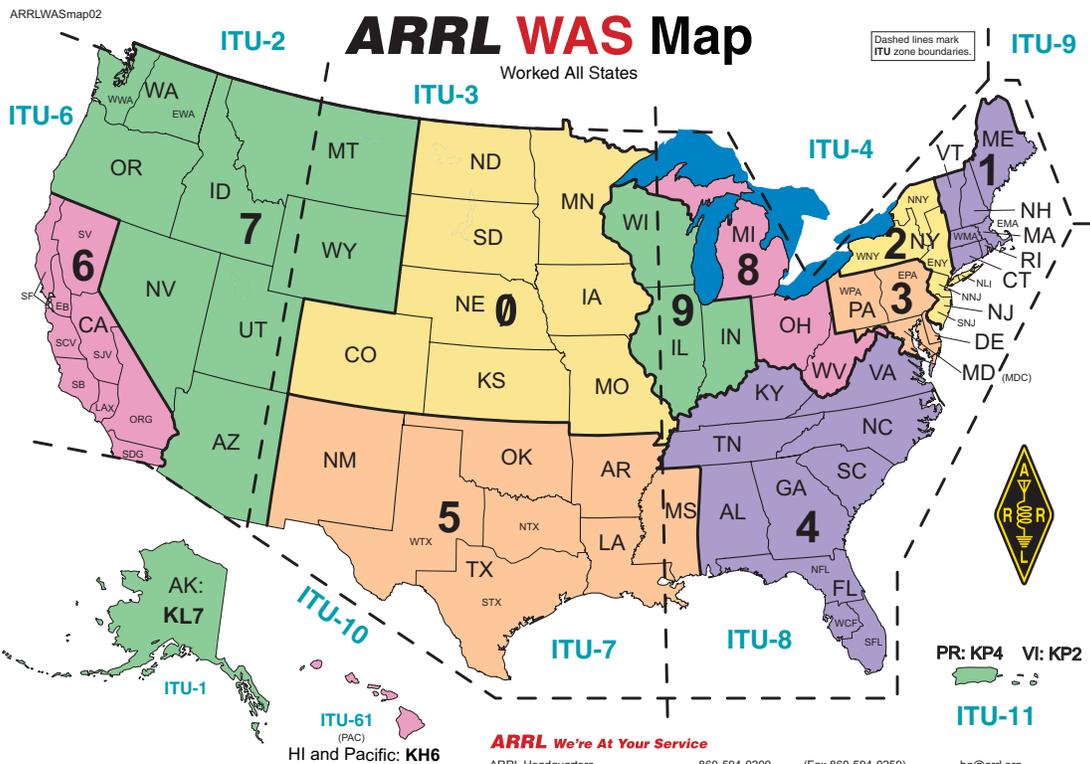
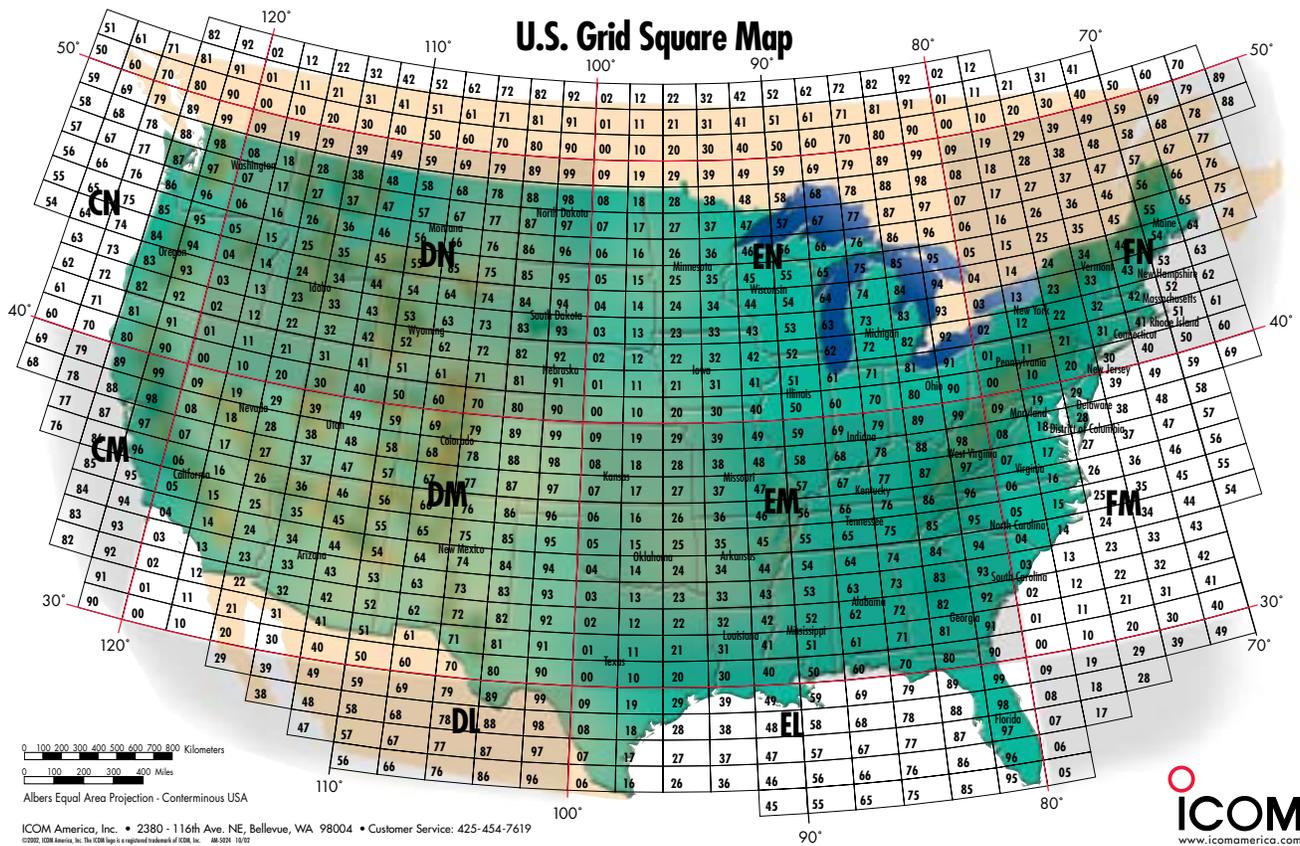
September 25, 2022 - Radio Expo Hamfest
Location: Belvidere, IL
Website: <http://chicagofmclub.org>

January 28, 2023 - Winterfest
Location: Collinsville, IL
Website: <http://winterfest.slsr.org>

73 until next time and good propagation.

ARRL Illinois Section
Section Manager: Thomas H Beebe, W9RY
w9ry@arrl.org





ARRL The national association for
AMATEUR RADIO

Copyright © 2005 by the American Radio Relay League, Inc. All Rights Reserved. rev 11-09

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).

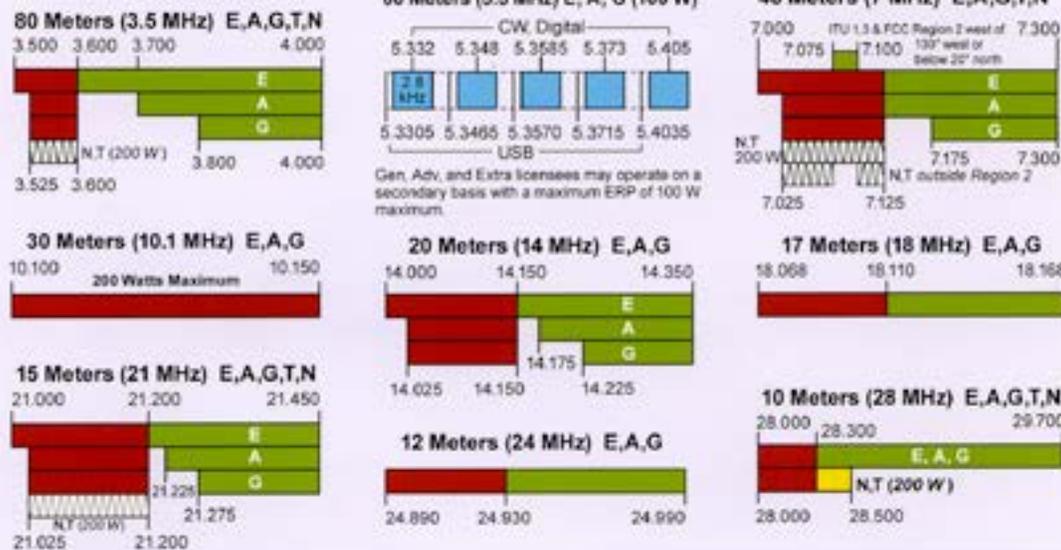
■ = RTTY, data, phone, image
 ■ = USB phone, RTTY, data and CW
 ■ = RTTY and data
 ■ = phone and image
■ = SSB phone
 [CW symbol] = CW only

LF – Low Frequency band



MF – Medium Frequency bands

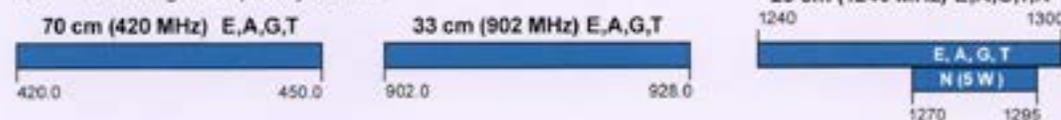
HF – High Frequency bands



VHF – Very High Frequency bands



UHF – Ultra High Frequency bands



SHF&EHF – Super and Extremely High Frequency bands

All licensees except Novices are authorized all modes on the following frequencies:

2300-2310 MHz	3300-3500 MHz	50.0-90.5 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

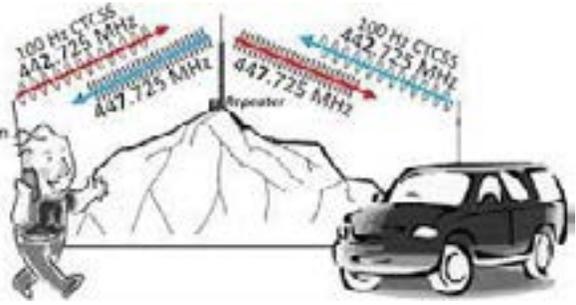
See www.arrl.org/band-plan for detailed band plans.
 Copyright © ARRL 2020
 OTAbands rev. 1-22-20



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

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

147.21 MHz

Mode: FM
+600 KHz Offset, 103.5 Access Tone



444.300 MHz

Mode: FM (IRLP and Echolink not Available)
+5 KHz Offset, 114.8 Access Tone

442.10625 MHz (B)

Mode: D-Star
+5 KHz Offset

Other Area Repeaters

W9XA/R

224.4 MHz

-1.6 KHz Offset, 114.8 Access Tone

443.65625 MHz

Mode: DMR ID:311760
+5 KHz
Chicagoland - CC Bridge

1292.00 MHz

-20 KHz 114.8 Access Tone

Auto C4FM / Fusion, FM, Wires X Repeaters

K9IIR/R

442.275 MHz

Mode: **Auto C4FM / Fusion, FM, Wires X**
+5 KHz, 114.8 Access Tone

W9CHI

444.600 MHz

Mode: **Auto C4FM / Fusion, FM, Wires X** 30024
+5 KHz, 136.5 Access Tone

KD9FA

443.600 MHz

Mode: **Auto C4FM / Fusion, FM, Wires X**
+5 KHz, 107.2 Access Tone

KC9OEM

Primary Kane County SKYWARN / ARES

145.470 MHz

Mode: FM
-600 Offset, 103.5 KHz Access Tone



444.525 MHz

Mode: **Auto C4FM / Fusion, FM, Wires X**
+5 KHz Offset, Access GTone114.8

