



ARCOVER



SEPTEMBER 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 Education
Robert Littler W9DSR

Director 3: Activities
Dave Bulkley K9DWB

Director 4: Technical
Adrian Dinwiddle KB9QQL

Past President:
Gordon Dailey KW0E

License Trustee (W9CEQ):
[Kermit Carlson](#), W9XA

License Trustee (W9NE):
[Denny Barfuss](#) W9HI

Newsletter Editor:
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.

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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

School is back in session. Have you thought about ham radio classes to get your upgraded license?

Keep in mind the September meeting program will be on Winlink presented by our very own Robert, W9DSR.

Terry - W9AUV

**President
 Todd
 Welcomes**



**Our
 Newest
 Members**

CALL	NAME	LICENSE
<i>W9DJM</i>	<i>David Mack</i>	<i>General</i>





ARC OVER

FOX RIVER RADIO LEAGUE MEMBERSHIP MEETING MINUTES

August 9, 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 August 9, 2022

The August meeting of the Fox River Radio League was conducted at Bethany Lutheran Church in Batavia, IL.

There were 26 members in attendance and 5 members on Zoom.

The meeting was called to order at 1930CST by President Terry Todd, W9AUV

Board members present:

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, Education Robert Littler W9DSR
Director 3, Activities Dave Bulkley K9DWB
Director 4, Technical Adrian Dinwiddle KB9QQL (Zoom)

Minutes: A motion was moved to correct two call signs that were in error on the meeting notes from the July meeting. Those corrected call signs were W9AUV and K9ARN.

Motion moved by Denny W9HI and 2nd by Mike K9FE. Motion passed.

A Motion was moved to accept the July meeting notes with corrections. That motion moved by Dave K9WDB and 2nd by Jim N9XP. Motion passed.



Reports: Jerry N9JLC said he has produced a new brochure for the club.

Repeater: Kermit W9XA and Ruben N9ARN : Terry W9AUV reported that he now has Echolink connected to the 444.300 repeater.

VE Update: Denny W9HI said he has ordered new material for classes and a coordinator is needed for the VE program. Also, more VE's are needed.

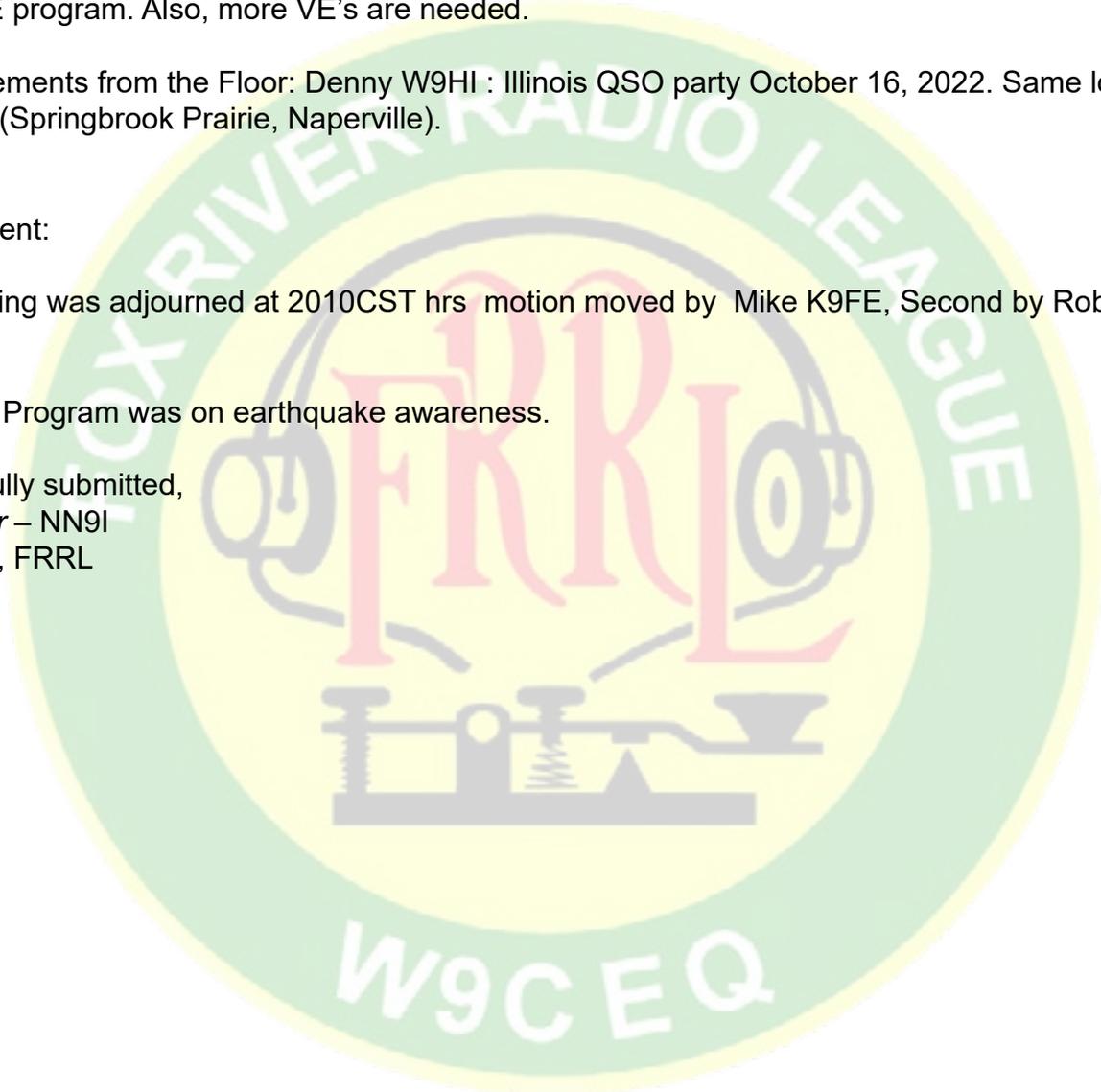
Announcements from the Floor: Denny W9HI : Illinois QSO party October 16, 2022. Same location as last year. (Springbrook Prairie, Naperville).

Adjournment:

The meeting was adjourned at 2010CST hrs motion moved by Mike K9FE, Second by Rob KN9J.

Program: Program was on earthquake awareness.

Respectfully submitted,
Art Shuter – NN9I
Secretary, FRRL



SEPTEMBER 2022

FOX RIVER RADIO LEAGUE



September is:
National Courtesy Month

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



Fox River Radio League

News & Information

Local - National - International



Ruben K9ARN, Kai KD9TTV
Dan WA9YKK, Terry W9AUV



These young gentleman represented our club admirably at National Night Out on August 2nd at the Lions Park in Elburn..

Thanks to Chief Sikora and the Elburn Police Department for getting us in there at the last minute..



Young Amateurs Radio Club to Host Inaugural Special Event

The Young Amateurs Radio Club (YARC) will host their first annual youth-organized special event from September 1 - 15, 2022. Using their call sign, WY4RC, the event is known as "Worked All YARC Zones (WAYZ)." Operators will be activating WY4RC stations from all 10 US call zones. Different awards are available for youth operators who activate a station, and for those who contact at least six WY4RC stations.

Any young amateur or club interested in operating during the event can find the rules and additional information at the Young Amateurs Radio Club website.





THE ILLINOIS QSO PARTY

October 16, 2022

Starting with the 2006 ILQP, the WIARC assumed the responsibility of sponsoring and administering this annual event. The ILQP takes place each October and involves amateur operators in all Illinois counties as well as operators from across the USA and in many foreign countries. The QSO party provides Illinois operators the opportunity to be the 'rare ones' while providing stations outside of Illinois the opportunity to log many of the rarer Illinois counties. Illinois stations may operate as Fixed, Portable, Mobile or Rover stations. High and Low power classes are provided for both Illinois Fixed and Non-Illinois stations and QRP competition is also provided. Complete rules for the next ILQP may be viewed by clicking [HERE](#)

The WIARC would like to recognize the Radio Amateur Megacycle Society for its many years of dedicated service to the Amateur community both in Illinois and the entire USA. RAMS members faithfully administered the event for nearly 4 decades. Their unflinching leadership in this role serves as a model for the WIARC in the years to come. Well done, RAMS.

WESTERN ILLINOIS AMATEUR RADIO CLUB
ARRL affiliated radio club in Quincy, IL



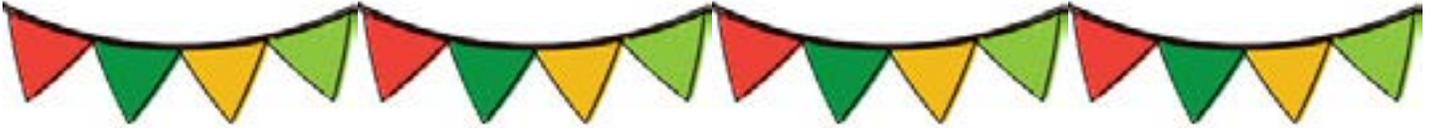
Information to follow as it becomes available.

ARRL Field Day 2022 Contacts Rise to Over 1.2 Million

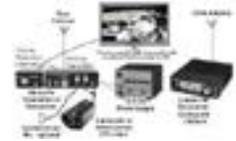
Updated numbers from ARRL Field Day 2022 now show 1,235,265 total reported contacts as of July 26, 2022.

ARRL Contest Program Manager Paul Bourque, N1SFE, reported that 4,774 Field Day entries have been submitted, and there were 28,250 Field Day participants.





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



Golden Rules
 of Borrowing
 Return it Quickly
 Return it in Great
 Condition
 Break it - Replace
 it
 Return the Favor



To advertise email: NEWSLETTER@FRRL.ORG



The Trinidad & Tobago Amateur Radio Society (TTARS) will celebrate Trinidad and Tobago's 60th Anniversary of Independence on August 26 - September 2, 2022. A special event call sign, 9Y60TT, will operate multimode, multiband, and multioperator. Modes will include HF single side band (SSB), CW, Slow Scan TV (SSTV), FT8, JS8, FT4, JT65, 2-meter Earth-moon-Earth (EME), satellite, Automatic Packet Reporting System (APRS) via the International Space Station (ISS), digital voice (DMR, C4FM, D-STAR), EchoLink, and more. QSL is via Logbook of The World (LoTW). For more details on the event, and to obtain a certificate, visit TTARS.





**Shelby Hamfest,
hosting the ARRL North Carolina Section Convention
Shelby, North Carolina September 2 - 4**
<http://shelbyhamfest.com/>



**ARRL Southern New Jersey Section Convention
Mullica Hill, New Jersey September 11**
<http://www.arrl.org/hamfests/arrl-southern-new-jersey-section-convention-1>

**QSO Today Virtual Ham Expo (online event)
September 17 - 18, 2022. ARRL is a QSO Today partner**
<https://www.qsotodayhamexpo.com/>



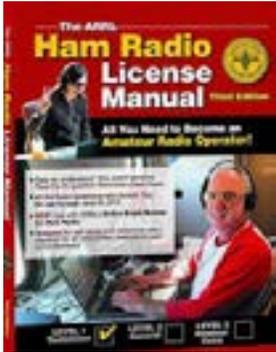
**HRO Superfest, hosting the ARRL Central Division Convention
Milwaukee, Wisconsin | September 23 - 24, 2022**
<http://www.arrl.org/hamfests/hro-superfest-arrl-central-division-convention>

**Red River Radio Amateur Hamfest
hosting the ARRL Dakota Division Convention
West Fargo, North Dakota | September 24, 2022**
<http://www.arrl.org/hamfests/red-river-radio-amateur-hamfest-arrl-dakota-division-convention>
<https://rrra.org/cal/2022/09/24/rrra-hamfest-arrl-dakota-division-convention/>



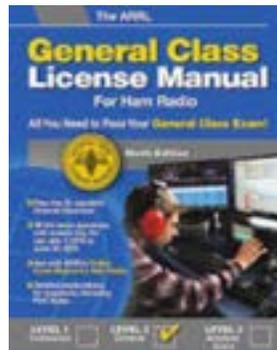
**Spokane Hamfest, hosting the ARRL Washington State Convention,
Spokane Valley, Washington September 24**
<http://www.arrl.org/hamfests/spokane-hamfest-arrl-washington-state-convention>



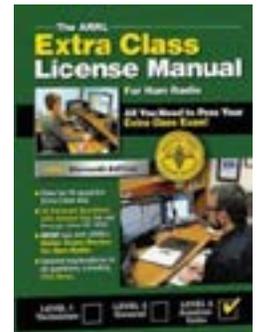


Fox River Radio League Technician

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



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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:

September 15, 2022

November 10, 2022

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

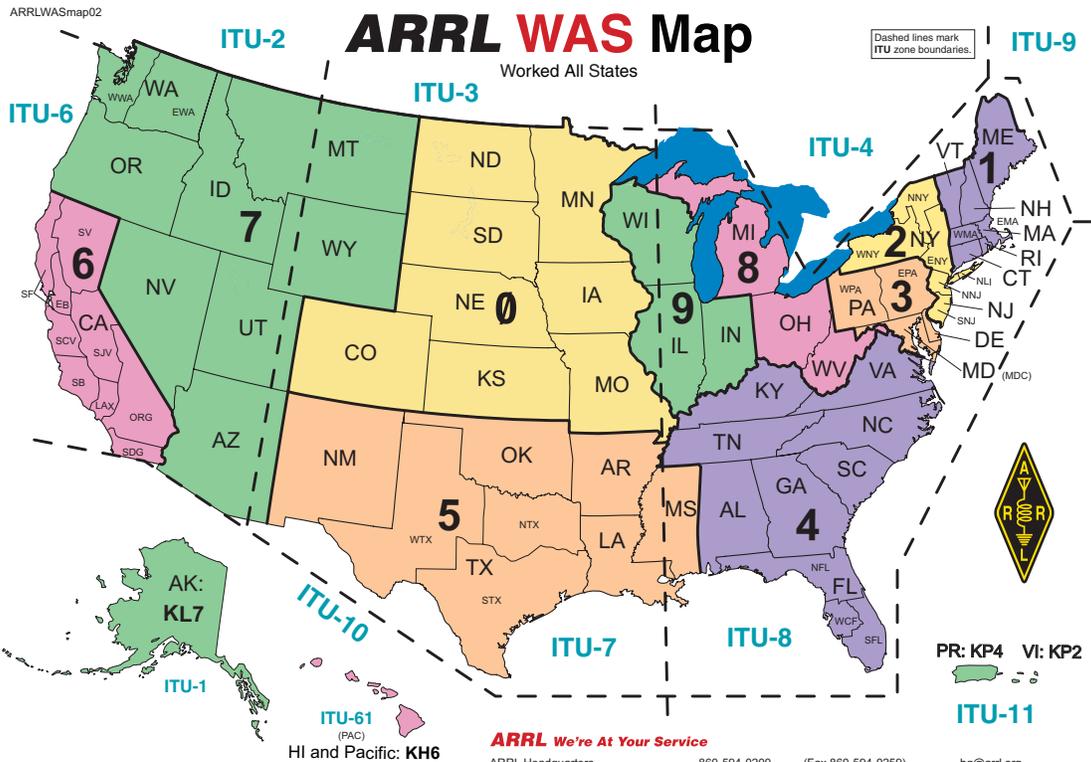
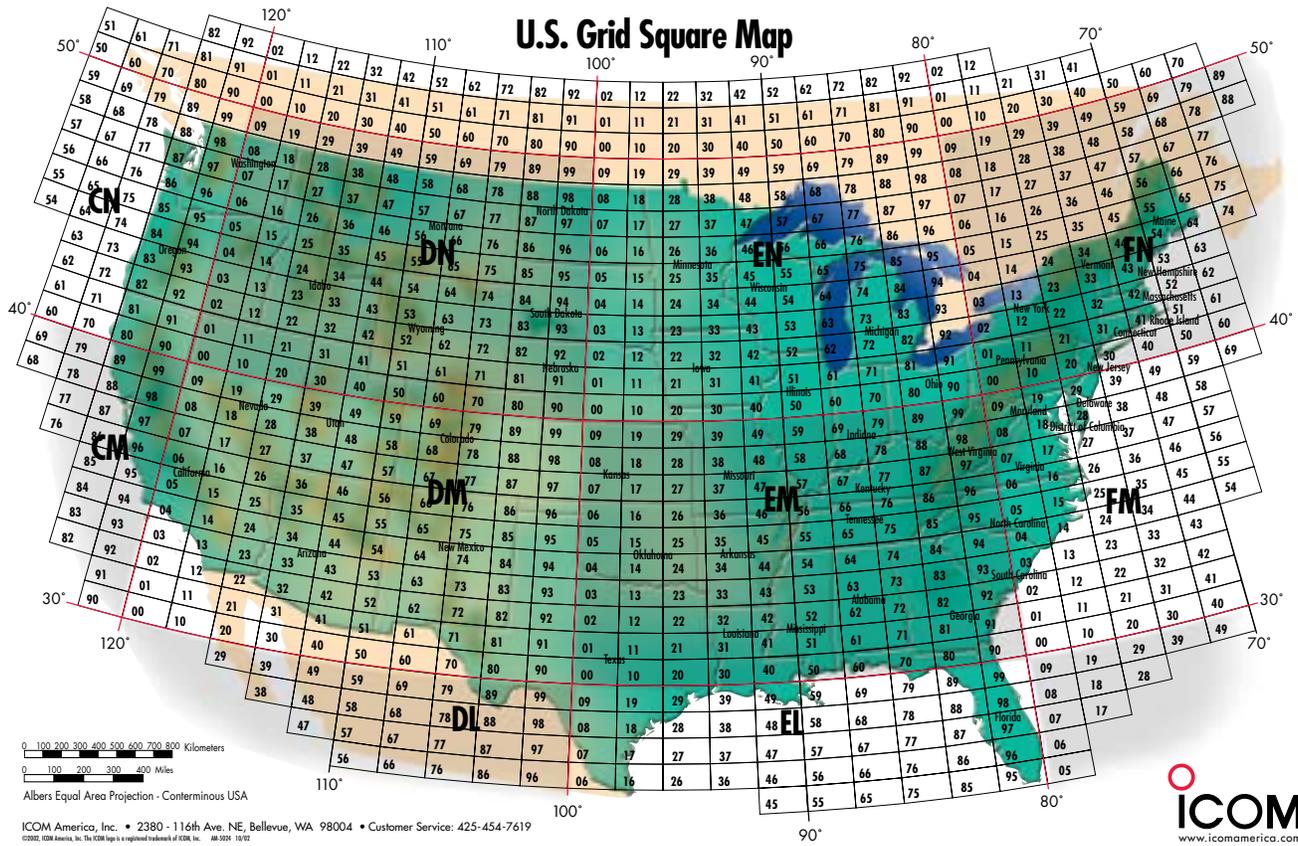
September 25, 2022 - Radio Expo Hamfest
Location: Belvidere, IL
Website: <http://chicagofmclub.org>

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

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ARRL We're At Your Service

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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).

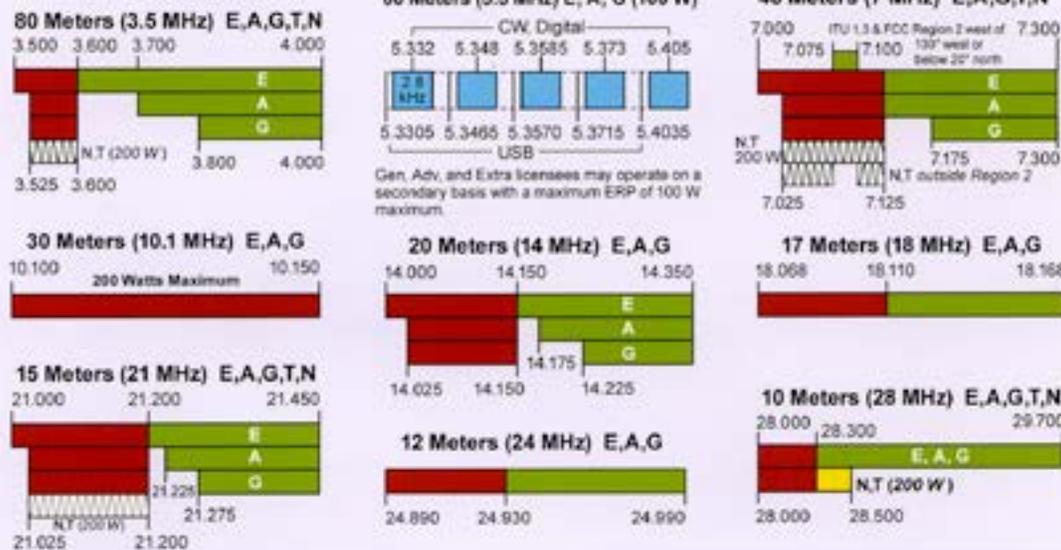
■ = RTTY, data, phone, image
 ■ = USB phone, RTTY, data and CW
 ■ = RTTY and data
 ■ = phone and image
■ = SSB phone
 [CW symbol] = CW only

LF – Low Frequency band



MF – Medium Frequency bands

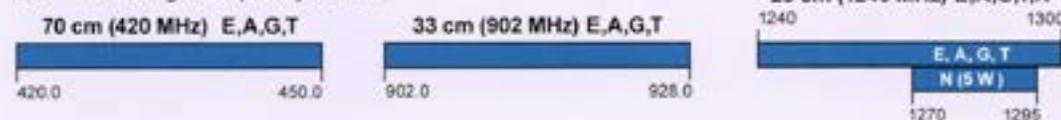
HF – High Frequency bands



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

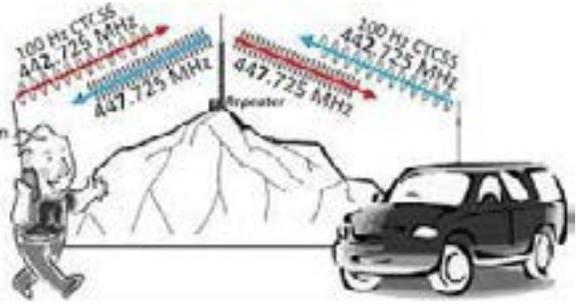
See www.arrl.org/band-plan for detailed band plans.
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 OTAbands rev. 1-22-20



FRRL

70 cm Band
5 MHz Negative
Offset Example

447.725 MHz: Your Listen
(Repeater Transmit)
442.725 MHz: Your Talk
(Repeater Receive)



**AND OTHER
LOCAL REPEATERS**

FRRL Repeaters- W9CEQ

147.225 MHz

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

