



ARCOVER



JULY 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@fril.org

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



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From
the desk
 of....

The Esteemed

Terry Todd

Well, Field Day 2022 is behind us. Hope you all had a good time. Many thanks to all who helped. Special thanks to Jerry Chapman for inviting the following elected officials.

- 9 village mayors or admins
- 1 to Kane County chairman
- 23 (group email) to county board members

Too bad none of them showed up.

Hope to see everyone at the July 12 meeting.

Terry W9AUV

WELCOME

**President
 Todd
 Welcomes**



**Our
 Newest
 Members**

WELCOME

CALL	NAME	LICENSE
KD9VFT	CHRISTINA ALBRECHT	TECH
WW2WP	CHRISTOPHER ALBRECHT	AMATEUR EXTRA
KD9TXK	TIRSO JOSE BOADA VASQUEZ	GENERAL
KD9LHN	MICHAEL BURGNER	TECH





ARC OVER

FOX RIVER RADIO LEAGUE MEMBERSHIP MEETING MINUTES

June 14, 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 June 14, 2022

The June meeting of the Fox River Radio League was conducted at Bethany Lutheran Church in Batavia, IL. There were 31 members in attendance and 8 members attended via zoom.

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

Board members present. Terry W9AUV, Roger W9YU, Art NN9I, Dan WA9YKK, Ruben N9ARN (Zoom),
Robert W9DSR, DAVE K9WDB, Adrian KB9QQL (Zoom).

Minutes: Acceptance of the May, 2022 Membership Meeting minutes as printed in the ArcOver were approved by
the membership. Motion: Gordon K0WE 2nd: Roger W9YU

Reports:

Repeater: Kermit W9XA reported: A great note of thanks to long-time FRRL member Carol Toman
is very much in order for a wonderful donation to the FRRL. Carol Toman, WD9CNW, has donated to the FRRL the 222
MHz repeater that was sponsored and operated by Tim N9TO and Carol in Westmont.

Repeater Committee members Curt Sauer W9YNP and Kermit Carlson W9XA picked-up the repeater on Tuesday June
7, 2022 and moved it to W9YNP's QTH for a check and callsign reprogramming. The EEPROM is being changed to the
club ID as W9CEQ/r. The coordination request was submitted to the Illinois Repeater Association several months ago to
change the coordinated location and sponsor for the repeater. A location on the East side of Aurora is planned. Installation
is pending development of a plan with the site management and the coordination approval. A coordination request is also
in process with the IRA to change the sponsor to the FRRL / W9CEQ for the W9LSL/r DMR repeater on the east side of
Aurora. The owner of the repeater and duplexer has agreed to have the FRRL operate the machine as a club function as
long as the equipment remains in use. This repeater is connected to the Chicagoland-CC bridge and is available for use
on 443.4250 MHz colorcode 1, offset +5MHz.



Meeting Minutes June 14, 2022 Continued:

VE Update: Denny W9HI reported that classes will be ending on June 24, 2022. Denny also said the FCC is issuing new licenses very quickly.

Field Day: Dan WA9YKK presented information about the band captains and the layout for field day. Robert W9DSR announced that we will have an ARRL emergency practice on Saturday June 25, 2022 at 10AM.

Adjournment: Motion to adjourn Kermit W9XA 2nd Mike K9FE

Program: Field Day Preparation:

Respectfully submitted,

Art Shuter – NN9I
FRRL Secretary

On The Air This July ??



July 2022
9-10 IARU HF World Championship
Contest



Find More Information at:
<http://www.arrl.org/iaru-hf-world-championship>



JULY 2022

FOX RIVER RADIO LEAGUE



July is:

National Park and Recreation
Month

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
					1	2
3 1900 FRRL INFORMAL ALL OPER NET	4 	5 1900 FRRL BOD Meeting 1930 FRRL 2m Net	6	7	8	9
10 1900 FRRL INFORMAL ALL OPER NET	11  CW Net 28.150, Monday 8PM  SSB Net 28.720, Monday 8:30PM	12 1930 FRRL Membership Meeting No Net	13	14	15	16
17 1900 FRRL INFORMAL ALL OPER NET	18  CW Net 28.150, Monday 8PM  SSB Net 28.720, Monday 8:30PM	19 1930 FRRL 2m Net	20  Deadline	21	22	23
24 1900 FRRL INFORMAL ALL OPER NET	25  CW Net 28.150, Monday 8PM  SSB Net 28.720, Monday 8:30PM	26 1930 FRRL 2m Net	27	28	29	30
31 1900 FRRL INFORMAL ALL OPER NET	 CW Net 28.150, Monday 8PM  SSB Net 28.720, Monday 8:30PM			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



FYI...

The official attendance at the 2022 Dayton Hamvention® was 31,367 visitors. General Chairman Rick Allnutt, WS8G, said although that was about 1,000 less than 2019, he considered it "not bad" for a pandemic recovery year. Hamvention was canceled in 2020 and 2021 because of the COVID-19 pandemic.

On The Road This July ??

July 2 | [Firecracker Hamfest](#), hosting the ARRL Pennsylvania State Convention, Harrisburg, Pennsylvania

July 22 - 23 | [Ham Holiday 2022](#), hosting the ARRL Oklahoma Section Convention, Oklahoma City, Oklahoma

July 30 - 31 | [ARRL West Virginia State Convention](#), Sutton, West Virginia

RAC Canada Day Contest

The 2022 Radio Amateurs of Canada (RAC) Canada Day Contest starts at 0000 UTC on July 1 and will run for 24 hours. Participants should note that special call signs will be on the air during the event in honor of the Queen's Platinum Jubilee. The call signs will be available to all Canadian amateurs who wish to use them for any event including Field Day, the RAC Canada Day Contest, and the IARU HF World Championship. Complete rules are available at www.rac.ca/contesting-results/.



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ARRL Field Day



What's Field Day without a little rain ?!?



Thanks to the Moose Lodge for the chow !!





I'm trying to find out who the **BAND CAPTAIN** for this station was



Get On The Air !!





Sheltering



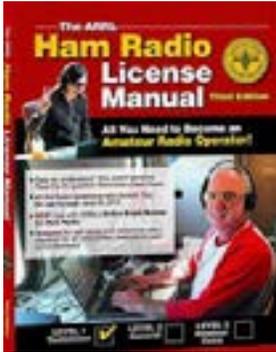
Team Work

P
O
W
E
R



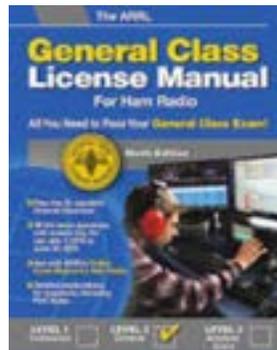
I'm also trying to find the BAND CAPTAIN for this Station



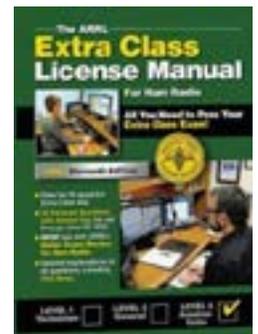


Fox River Radio League Technician

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@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 ON4UN and Mark Demeuleneere ON4WW

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



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Since July is National Park and Recreation Month - Relax in a park and get on the air - if you do let me know and share some pictures !!

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:

July 14th, 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



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





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).

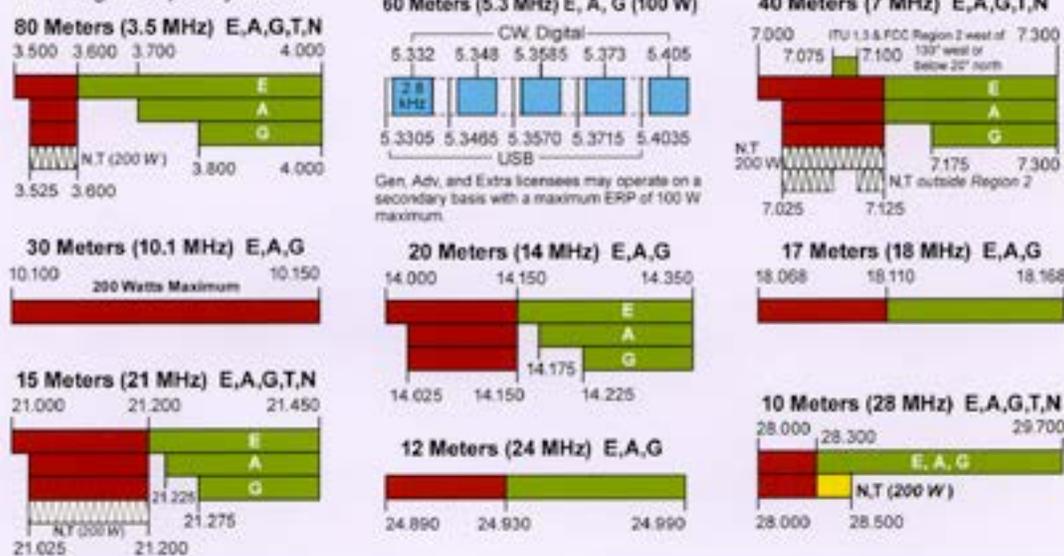
■ = RTTY, data, phone, image
 ■ = USB phone, RTTY, data and CW
 ■ = RTTY and data
 ■ = phone and image
■ = SSB phone
 [CW symbol] = CW only

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 Repeaters:

W9CEQ -- 147.225 MHz - Auto C4FM/Fusion, FM, and Wires-X

+600 KHz Offset
100.0 Hz access tone



W9CEQ -- 147.210 MHz
+600 KHz Offset
103.5 Hz access tone

W9CEQ -- 444.300 MHz - IRLP and Echolink are currently unavailable

+5 MHz Offset
114.8 Hz access tone

W9CEQ_B -- 442.10625 MHz - D-Star
+5.0 MHz offset

Other Local Repeaters:

W9XA/R Batavia 1.25M

224.4 MHz, -1.6 MHz offset

114.8 Hz access tone
Owned by W9XA, available for club use

W9XA/R Batavia 70CM DMR

443.65625 MHz, +5 MHz offset
DMR ID 311760
Chicagoland-CC Bridge
Owned by W9XA, available for club use

WB9PHK/R 70CM DMR

443.64375 MHz, +5 MHz offset
Chicagoland-CC Bridge
Owned by W9XA, available for club use

Other Local Repeaters:

W9XA/R Batavia 23CM

1292.00 MHz, -20 MHz offset
114.8 Hz access tone
Owned by W9XA, available for club use

(Primary Kane County SKYWARN / ARES Freq)

KC9OEM 2M -- 145.470 MHz, -600 KHz Offset

103.5 Hz access tone
Owned by Kane County OEM

KC9OEM 70CM

444.525 MHz, +5 MHz Offset - Auto C4FM/Fusion and FM and WIRES-X
114.8 Hz access tone
Owned by Kane County OEM

Kane County Public Service Repeaters

W9DWP -- 145.270 MHz, -600 KHz, 107.2 access tone - dual mode APCO-25 NAC-293

443.025 MHz, +5 MHz, 114.8 access tone
- Auto C4FM/Fusion, FM, and Wires-X

W9ZGP -- NIARC

147.060 MHz, +600 KHz,
103.5 access tone

Also see the bottom row of the FRRL calendar to see additional repeaters and their net times.

Bolingbrook Amateur Radio Society



VHF - 2 meter: Frequency: 147.330 Offset: + 600 KHz PL: 107.2

UHF - 70 cm: Freq: 443.525 Offset: + 5.0 MHz PL: 114.8 & NAC293

VHF - 220: Frequency: 224.540 Offset: - 1 MHz PL: 110.9

UHF - DMR: Freq: 443.700 Offset: + 5 MHz Color Code: 1, TS1 & TS2

