



ARC OVER

March 2020 Edition



The Official Newsletter of the Fox River Radio League, Est. 1924
Our 96th Year in Amateur Radio!

Who We Are

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

Email: info@frrl.org
Website: <http://www.frrl.org>

President:
Gordon Dailey, KW0E

Vice President:
Roger Bara, W9YU

Secretary:
Dean Holste, KC9EOQ

Treasurer:
Dan Harmon, WA9YKK

Directors:
Terry Todd, W9AUV
John Miller, W9JDM
Priscilla Miller, AE9PM
David Booher, W9BOO

Past President:
Dan Taddei, W9STS

License Trustee (W9CEQ):
Kermit Carlson, W9XA

License Trustee (W9NE):
David Booher, W9BOO

Newsletter Editor:
John Miller, W9JDM

Webmaster:
Curt Sauer, W9YNP

Membership Database:
Chris Kennell, KC9BKS



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.

What's Inside

- P. 2 President's Traffic
- P. 3 Member Traffic
- P. 4 Calendar of Upcoming Events
- P. 5 Event Information
- P. 6-7 May Mtg. Minutes
- P. 8 ARRL News

The FRRL ArcOver Newsletter is published monthly by the Fox River Radio League, Inc. Submission deadline for all news articles, items, and information is the 3rd Tuesday of each month for inclusion by the next publishing date. Please submit any such requests to newsletter@frrl.org.

2020 Membership Dues

Regular Dues: \$30 | Family Dues: \$40 | Sr. Citizen / Active Military / Student (full time under 22): \$25
Repeater Support: \$10 donation

FRRL Dues and Repeater Support are payable no later than the January club meeting each year. New members joining during the year will have their first year's dues prorated to the nearest yearly quarter. Copyright © 2020, FRRL. Prior written permission is required to republish material present in the ArcOver.

The opinions expressed within the ArcOver are strictly those of the authors and do not necessarily represent the opinions of the FRRL Inc., its sponsors, or its membership.

President's Traffic

From the President's Desk

I hope that everyone is well and enjoying their day. Let's look at what is coming up for your club this month. The last day to register for the club dinner is Tuesday, March 3rd. The dinner will be on Tuesday March 10th, at the St. Charles Moose Lodge. We will have the monthly breakfast March 21st at the Denny's on Route 31 that is just south of I-88. We will order at 8:00am.

For those that didn't make the meeting in February, you will see from the minutes inside that the question for the night was a club build. At the April meeting we will be picking which kit to build.

If you're interested in joining us please be sure to attend the April meeting.

Field Day is coming and we will need Band Captains and additional members to operate. Please contact Terry W9AUV, Field Day Chair if you are interested. This is also an excellent time for those that do not have an HF rig or have never been on HF to come out and join your fellow club members and operate.

We also need to address membership and to those that have renewed we thank you. If you haven't renewed yet, please do so as soon as possible as we will soon start the



process of dropping non-renewing members from the club roll. We hope that you will consider to renew as you will be missed.

Lastly, get radioactive and HAVE FUN!

73, Gordie KW0E

Test Your Knowledge!

Each month the ArcOver will post 3 Exam Test Pool Questions to challenge you - one from each of the Technician, General, and Extra Class License Exams. Answers will be hidden throughout the ArcOver.

Technician - T2A01

Which of the following is a common repeater frequency offset in the 2 meter band?

- A. Plus or minus 5 Mhz
- B. Plus or minus 600 kHz
- C. Plus or minus 500 kHz
- D. Plus or minus 1 Mhz

General - G2A01

Which sideband is most commonly used for voice communications on frequencies of 14 MHz or higher?

- A. Upper sideband
- B. Lower sideband
- C. Vestigial sideband
- D. Double sideband

Extra - E2A01

What is the direction of an ascending pass for an amateur satellite?

- A. From west to east
- B. From east to west
- C. From south to north
- D. From north to south



Member Traffic

A place for you, our FRRL members, to come share your thoughts, voice your opinions, and talk about any topics that may be of general interest to the FRRL club or Amateur Radio in general.

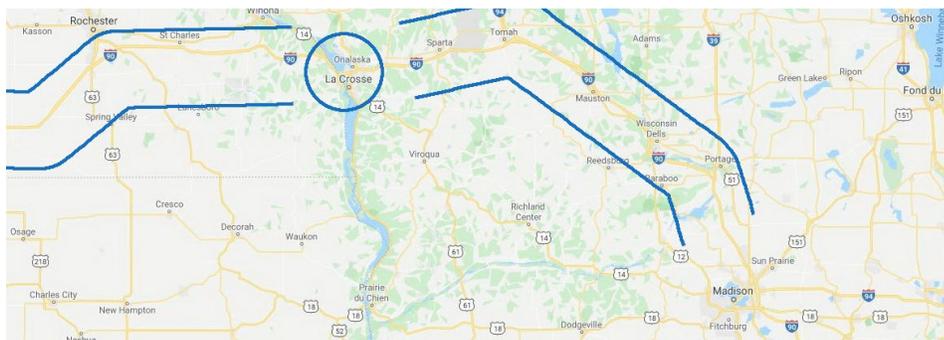
Greetings VHF+ Operators,

As this year's Conference President, I, along with the Conference's host team, cordially invite you to attend the 54th annual Central States VHF Society Conference, which is being held at the Radisson Hotel located on the beautiful riverfront of the Mississippi River in La Crosse, Wisconsin on July 24th and 25th, 2020.

This year's event will have all the great activities you've come to expect from a CSVHFS Conference: technical presentations, antenna range, noise figure lab, rover row and dish bowl, Thursday evening social activity, Friday evening trade-fest, dealer room, hospitality suite for evening socializing, fun family activities, and a closing banquet with a guest speaker and a prize table.

If you have never been to a CSVHFS conference before, you will find it a great event where you will learn many new things, meet new people, and connect with others you have talked to on-the-air. If you are new to VHF-and-above operating, you will want to be sure to attend the perennial favorite, VHF 101, an alternate track talk designed to get new VHFers successfully on the air. One thing we are certain of: if you attend the CSVHFS conference, you will go home reinvigorated about operating and experimenting on the bands above 50 MHz!

We are sending this letter out early



in the new year so that you can make time in your busy summer schedule to attend. From past experience, most attendees arrive on Thursday (July 23rd) and depart on Sunday (July 26th). Hotel accommodations at the special conference rate will be available beginning around February 1st. Registration for the conference will open around May 1st. Be sure to visit the conference website at <http://2020.csvhfs.org/> for ongoing updates and further information.

We look forward to seeing you in La Crosse in late July!

73, Bruce Richardson W9FZ
CSVHFS President

Hello All,
Jim N9XP and I are commencing a project to consolidate the FRRL storage unit. We currently have a lot of items that haven't been used in quite some time. Our goal is to sell what is no longer utilized with proceeds going to the club. We are also hoping to downsize the storage unit, as that would provide an opportunity to save every month. Keep a look out on Groups.io for a list of items for sale!

73, John W9JDM

New Members		
Please welcome our newest members to the club!		
Call	Name	License Class
W9MYP	Michael Cottingim	General
KD9MGD	Dan Chin	Technician
N9JLC	Jerry Chapman	General
WB9YWX	Bob Wonderling	General
In Memoriam (Silent Keys)		
Call	Name	Location



Upcoming Events

Come join us at an event - some are on the airwaves, and some are in person.

This format is designed to be easy to print and hang on your fridge.

MARCH 2020						
S	M	T	W	T	F	S
1	2	B N	4	5	6	7
8	9	M	11	12	13	14
15	16	N T	18	19	20	E 21
22	23	N	25	26	27	28
29	30	N	31			

APRIL 2020						
S	M	T	W	T	F	S
			1	2	3	4
5	6	B N	8	9	10	11
12	13	M	15	16	17	18
19	20	N	22	23	24	25
26	27	N	28	29	30	

MAY 2020						
S	M	T	W	T	F	S
					1	2
3	4	B N	6	7	8	9
10	11	M	13	14	15	16
17	18	N T	20	21	22	23
24	25	N	27	28	29	30
31						

BMar. 3: Board Meeting

- 7:00PM
- Colonial Cafe in Aurora, Ill.

NMar. 3, 17, 24, 31: Regular FRRL Net

- 7:30PM
- W9CEQ 2M Repeater

MMar. 10: Member Meeting/Dinner

- 6:30PM
- Moose Lodge #1368, 2250 Lincoln Highway, St. Charles, Ill.

TMar. 17: VE Testing

- 7:00PM
- Messenger Library, N. Aurora

EMar. 21: FRRL Ham Breakfast

- 8:00AM
- Denny's on Rt. 31 by I-88

BApr. 7: Board Meeting

- 7:00PM
- Colonial Cafe in Aurora, Ill.

NApr. 7, 21, 28: Regular FRRL Net

- 7:30PM
- W9CEQ 2M Repeater

MApr. 14: Member Meeting

- 7:30PM
- Bethany Lutheran Church in Batavia, Ill.
- Program: Distracted Driving Laws and Amateur Radio, Ron KD9IPO

BMay 5: Board Meeting

- 7:00PM
- Colonial Cafe in Aurora

NMay 5, 19, 26: Regular FRRL Net

- 7:30PM
- W9CEQ 2M Repeater

MMay 12: Member Meeting

- 7:30PM
- Bethany Lutheran Church in Batavia, Ill.

TMay 19: VE Testing

- 7:00PM
- Messenger Library, N. Aurora



Event Information

If you have an idea for an event, or would like to share details on an upcoming event, please reach out to John W9JDM at director2@frrl.org or Priscilla AE9PM at director3@frrl.org.

Extra Class

The FRRL is proud to present the 2020 Extra Class. If you are interested in upgrading your license to Amateur Extra, please come join us! The class will run Saturdays through February 29, 2020 from 9:00am-noon at the Messenger Public Library in North Aurora.

We are using the green ARRL Extra Class License Manual.

Week 8: Feb 29	Operating Practices; VE Testing
-------------------	------------------------------------

To sign up for the class, please contact John W9JDM at education@frrl.org.

2020 FRRL Dinner

The 2020 FRRL Dinner will be in March 2020. This is a members only event and not open to the general public. Members are welcome and encouraged to bring their families and sponsored guests.

Date	March 10, 2020
Time	Arrive 6:30 pm Dinner 7:00pm Close 10:00pm
QTH	Moose Lodge #1368 2250 Lincoln Hwy St. Charles, IL
Cost	\$25 - Members/guests \$15 - Children under 12 \$35 - price at door
Tickets	Payment due March 3, 2020 via PayPal or check/cash to Dan Harmon - Treasurer
Dress Code	Business casual. No cut-offs, t-shirts, hats.

Menu	Roast Beef AuJus or Baked Chicken (choose one) Salad and a Vegetable Whipped Potatoes with Gravy and Buns Cookies
Drinks	Water provided All other drinks (soda, coffee, liquor): cash bar
Dinner will be served - such great service!	



MS Walk 2020

Please check your calendars and consider signing up to work EM-COMM for this worthwhile cause.

When: May 3, 2020 7:30AM

Where: Pottawatomie Park
8 North Avenue
St Charles, IL 60174

Contact: Priscilla Miller, AE9PM
(director3@frrl.org) to register.

What you will need:

- Food and a drink. Water is provided.

Technician - T2A01

Which of the following is a common repeater frequency offset in the 2 meter band?
B. Plus or minus 600 kHz

- A 2 meter/70 centimeter HT.
- A spare battery for your HT.
- Dress for anything from snow to rain to sun. Layers work well so you can be comfortable.
- An attitude of service. We volunteer to do this because it IS what we do as HAMS.

Repeater Information

Club sponsored or club affiliated local repeaters are listed below.

KC9OEM 2M

- 145.470 MHz, -600 KHz offset
- 103.5 Hz tone
- Net: Wed. 6:30PM
- Owned by Kane Co. OEM

W9CEQ 2M

- 147.210 MHz, +600 KHz offset
- 103.5 Hz tone
- Net: Tues. 7:30PM (except second Tues. of month)
- Owned by FRRL

W9CEQ 70CM

- 444.300 MHz, +5 MHz offset
- 114.8 Hz tone
- IRLP #4850, Echolink #230933
- Owned by FRRL

W9CEQ_B D-Star 70CM

- 442.10625 MHz, +5 MHz offset
- Contact W9XA for information

W9CEQ_C D-Star 2M

- 147.225 MHz, +600 KHz offset
- Net: 8:00PM Wed.
- Contact W9XA for information

More repeater information can be found at frrl.org/repeaters.



Meeting Minutes February 11, 2020

Minutes of the Regular Meeting of the General Membership of the Fox River Radio League (FRRL), an Illinois not-for-profit Corporation. Held at Bethany Lutheran Church, Batavia, Ill.

The meeting was called to order at 19:30 CST by President Gordon Dailey, KW0E. Audience introductions: Name, Call, and QTH. Approval of January 2020 Member Meeting minutes: Motion was moved, seconded and accepted. There were 32 people present at this meeting.

Reports

Treasurer's Report

Dan WA9YKK

Dan reported the balances as of 02-04-2020.

Repeater

Terry W9AUV

Echolink was installed on the repeater. Currently working on setting up the router.

Classes/Programs/VE

John W9JDM

The Extra class is going well. There will be a VE session on the last day of class. John brought the Club up-to-date on the Program Schedule.

Outreach/Newsletter/PR

Priscilla AE9PM

The Winter Banquet/Meeting is March 10th at the Moose Lodge in St. Charles. Tickets can be purchased on line via PayPal. Deadline



for tickets is March 3rd. The MS Walk is May 3rd. We could use 1 or 2 more volunteers. See Priscilla.

Tech/Membership/Groups.io

Dave W9BOO

Chris KC9BKS reported 80 active members

ARES

Marty, N9NTM (Now Reported for ARES)

Marty brought the Club up-to-date on ARES events. Members are encouraged to check them out on the web: <http://kanecountyares.com>

General - G2A01

Which sideband is most commonly used for voice communications on frequencies of 14 MHz or higher?

A. Upper sideband

Repeater Report

Kermit W9XA

Not Present

Old Business

Field Day

Looking for band captains. FD is only 4 months away.

MS Walk 2020

Priscilla gave her report.

Net Control Manager

It was announced the Kurt, W9YNP will be the new net control manager. As usual he is looking for Control Ops.

New Business

Volunteer Examiners

Gordon asked for a show of hands





Come join the camaraderie at one of our monthly meetings! The social hour following the business portion is a great opportunity to meet your fellow hams.

as to how many VE's were in attendance. He asked that all VE's send him an email at president@frrl.org. He would like to develop a list.

Breakfast QSO

Gordon advised there will be a breakfast QSO on February 22nd at 0800hrs. This is a Saturday. The location will be Mother's Restaurant at 2290 W. Galena Blvd in Aurora.

Announcements

Marty N9NTM advised that there is a severe weather seminar coming up at Wheaton College. The date is March 14th and the cost is \$40.00. This is an all-day seminar with breakfast and lunch provided.

Marty also advised the Sterling-Rock Falls hamfest is on March 8th in Rockfalls, IL.

The Illinois Section has a new webpage. You can find it at www.arrlillinoissection.org

Upcoming Events

Extra Class on February 15th, 22nd, and 29th

Board of Directors meeting is Tuesday March 3rd at 7pm.

Winter Dinner/Meeting on March 10th at the Moose Lodge in St. Charles

Program

Terry, W9AUV on using APRS.

Adjournment

The member meeting was adjourned at 20:15 CST.

Respectfully submitted,
Dean Holste, KC9EOQ
FRRL Secretary

Extra - E2A01

What is the direction of an ascending pass for an amateur satellite?

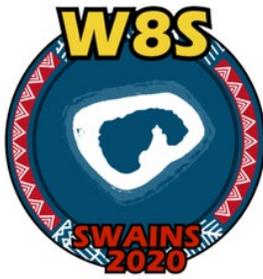
C. From south to north





ARRL News

Content © 2020 ARRL



Coronavirus Outbreak Postpones Swains Island W8S DXpedition

The W8S DXpedition to Swains Island in the Pacific, set to take place in mid-March, has been postponed until September as a result of travel restrictions imposed on individuals entering American Samoa, stemming from the recent coronavirus outbreak. The Department of Health allows non-residents to enter American Samoa only via Hawaii after a 14-day mandatory quarantine, and the DXpedition was unable to accommodate that requirement.

“Everything is prepared for our DXpedition, and we are eager to go, but unfortunately the coronavirus outbreak is out of our control,” the DXpedition team said in announcing the delay. “Although this is a disappointment for everyone, the W8S DXpedition is not cancelled, just postponed for later this year.”

The DXpedition said it would alert the DX community as soon as it has new firm dates for the trip.

VP8PJ South Orkney DXpedition Team Arrives

The VP8PJ South Orkney DXpedition team, on board the Braveheart, reached Signy Island in the South

Orkneys just after 1000 UTC on February 20. Team members are now preparing to land Zodiacs and transfer equipment.

“We have ice to contend with regarding our planned landing area,” the DXpedition reported. “The ice was pushed in during the previous days, but we are expecting the winds to change and blow the ice out. We are currently looking for an alternate site to unload, then move the equipment to the planned site. An alternative camp/operations area is being considered as we evaluate current conditions.”

The Perseverance DX Group-sponsored DXpedition was set to commence operation on February 20 (UTC), but it appears that could be delayed. Team members operated as ZL1NA/mm during their voyage, generating heavy pileups, and they expect to continue doing so once they get set up as VP8PJ.

Operation on CW, SSB, RTTY, and FT8 (always fox/hound mode except on 60 meters) will continue until March 5 (UTC). Stations in Africa and Oceania may call at any time, regardless of operators’ directional instructions.



ARRL Podcast Schedule

ARRL’s “On the Air” podcast’s second episode (February 13) focuses on building the ground plane antenna featured in the first issue of On the Air magazine, a discussion of open-wire feed lines, and an interview with a relatively new public service volunteer. New “On the Air” podcast episodes are available monthly.

The first episode of the “Eclectic Tech” podcast (February 13) includes a discussion of amateur radio activity on the Qatar-OSCAR 100 satellite, an interview with Assistant ARRL Lab Manager Bob Allison, WB1GCM, about handheld transceiver testing at Dayton Hamvention and other conventions, and an interview with Carl Luetzelschwab, K9LA, about propagation conditions. New episodes will be available biweekly.

Both podcasts are available on iTunes (iOS) and Stitcher (Android) as well as on Blubrry.

