



# ARC OVER

December 2020



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



## Who We Are

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Email: [info@frrl.org](mailto: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  
Denny Barfuss W9HI  
Vacant  
Vacant

Past President:  
Mike Urso K9FE

License Trustee (W9CEQ):  
Kermit Carlson, W9XA

License Trustee (W9NE):  
Denny Barfuss W9HI

Newsletter Editor:  
Jerry Chapman N9JLC

Webmaster:  
Curt Sauer, W9YNP

Membership Database:  
Chris Kennell, KC9BKS

## About Us

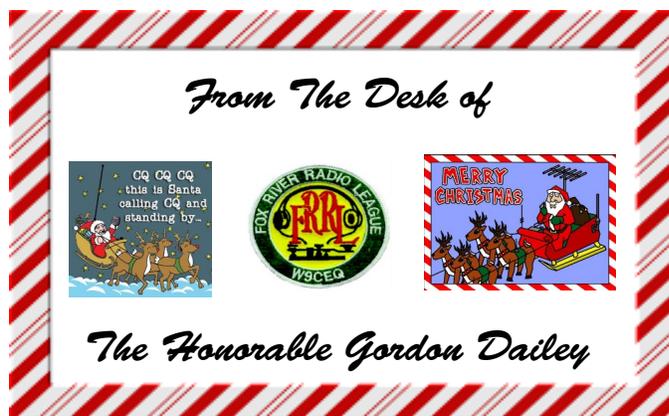
The Fox River Radio League, Inc. is a general interest Amateur Radio club serving the central Fox River Valley area in Illinois. Club records indicate the club has been in existence since at least 1924, and it has functioned continuously ever since. We are an ARRL Special Service Club, an Illinois not-for-profit 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.





Season's Greetings, I hope that your Thanksgiving Day was good this year. For my family it was different to say the least. Every year we normally would work at cooking meals for shut-ins and the like in Dubuque. Normally we would be making somewhere around 2,200 meals, full courses just like they were being hosted at our home. We would start early Thursday morning and finish early afternoon. It is something that every year I say this is my last year. Only to go back each year. The family that has put this together for the last 30yrs had to cancel this year for the volunteers safety. There was not a good way to pull it off. Yes, that stinks.

Our Thanksgiving Day consisted of Kathy, A. J. and I having lasagna. You know that typical turkey day meal. Hi Hi! Hopefully, you and your family are had or will have a chance to spend time with one another, one way or another. Just remember to be safe.

As we are coming to the end of 2020 I have wishes for you and your family. I wish for you to make all the QSO's both on the air and eyeball that you can in the coming year. I wish that you try a new aspect of our great hobby. I wish that you reach out to that new ham and see if you can answer any questions.

Finally, my wishes for you: When you are Lonely, I wish you LOVE. When you are Down, I wish you JOY. When you are Troubled, I wish you PEACE. When things look Empty, I wish you HOPE. May you be surrounded by HAPPINESS, PEACE & JOY ALWAYS.

From Kathy, A. J. and I, Happy Holidays to you and yours. Stay radioactive,

**73. de Gordie KW0E**





# MEETING MINUTES



## NOVEMBER 10, 2020

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

### **Meeting Minutes November 10, 2020-**

The November meeting of the Fox River Radio League was conducted via Zoom.

There were 37 members present via video conference.

The meeting was called to order at 1930 CST by President Gordon Dailey, KW0E.

Acceptance of the October 2020 Membership Meeting minutes as printed in the ArcOver. It was moved, seconded and approved

#### **Treasurer's Report:**

Dan WA9YKK, reported the account bank account balances as of 10-30-2020. Motion to accept the Treasurer's report, seconded, and passed.

#### **Directors Report:**

##### **Repeater,**

Terry, W9AUV, See Repeater Report

Denny, W9HI, reported that the next VE session will be on November 17th at the Geneva Lutheran Church at 301 S. Third St in Geneva. The Technician class is going well.

##### **ARES:**

Marty N9NTM, No Report.



## **Repeater Report:**

Kermit W9XA, reports the Yaesu repeater is installed at the Elburn tower for testing. Frequency work for the Plano tower is still being done. The VHF antenna has been ordered and the UHF antenna is on hand. Tower climbers are ready to go, and the 1 5/8" coax is on hand. There will also be a UHF DMR system on the Plano tower.

## **Membership:**

Chris, KC9BKS reported that we are at 130 members as of this month.

## **Old Business:**

### **Meetings:**

All meetings will be conducted using Zoom until further notice.

### **Special Event**

Gordie advised the Moose International Founders Day Special Event station was held on Saturday Nov. 7 th. The call sign used was K9M, a website has been set up at <http://foundersdayk9m.com/>. Gordie advised that 285 contacts were made. Thanks to Danny, W9HI; Mike, K9FE; Dan, WA9YKK for their help in setting and tearing down the station!

## **New Business:**

### **Nomination Committee:**

Chairman is Mike Urso, K9FE. He is joined by Cedrick, WT2P and Kermit, W9XA. There are three candidates running for the three open Director positions. They are Dave Bulkley, K9WDB; Robert Littler, W9DSR and Cedrick Johnson, WT2P. The current officeholders for the positions for President, Vice-President, Secretary and Treasurer have agreed to run for reelection. Mike, K9FE asked for any nominations from the floor. Hearing none, a motion was made by Denny, W9HI, second by Roger, W9YU to close the nominations. Motion passed by those present, no dissenters.

Mike reported that the election will be conducted by using an online voting software named, <https://www.opavote.com/>. This is a secure voting site that several local clubs use. Club members will receive an email from FRRL with a link to the site. You then go to the site and vote. There will be a procedure for write in votes. You can only vote one time per email. (Secretary's note: I tried; it doesn't work!) There is a deadline, so make sure you vote asap. Elections results will be announced at the December FRRL membership meeting. Please direct any questions to Mike, K9FE.



**American Red Cross:**

Eric, K9LGE advised that Red Cross needs volunteers due to the number of natural disasters across the country. Specifically, the needs include computer operators, radio operators, etc. Eric posted a link in the Zoom chat box.

**Announcements:**

NONE

**Adjournment:**

The meeting was adjourned at 2015hrs CST.

**Upcoming Events:**

- December 1st- BOD Meeting
- December 8th- Membership Meeting & Election Results
- December 20th- Newsletter Deadline

**Program:**

Dick, AH6EZ will talk about how to make contacts with satellites and what equipment is needed.

Respectfully submitted,

Dean Holste, KC9EOQ  
FRRL Secretary



W9CEQ  
147.210 +600  
103.5



W9CEQ  
444.300 +5  
114.8

Callsign	Name	License Class
	Laura Rogers	
KD9PCT	Carol Ann Reher	Technician



# December 2020



# Fox River Radio League

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
		1 BOD Meeting  1930 FRRL 2m Net	2	3	4  160m Contest Dec 4-6	5  SKYWARN APPRECIATION DAY 
6 	7	8 <i>1930 FRRL Member Meeting (ZOOM)</i>	9	10	11	12  10m Contest Dec 12-13
13 	14	15 1930 FRRL 2m Net	16	17	18	19
20 Newsletter Deadline  Rookie Roundup CW	21	22 1930 FRRL 2m Net	23	24	25  <b>MERRY CHRISTMAS</b> 	26
27	28	29 1930 FRRL 2m Net	30	31  New Year's Eve	Rookie Roundup- CW	
 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 9pm 444.875 +5MHz, 114.8		



WATCH LIVE  
ON ZOOM  
DECEMBER 8, 2020  
7:30pm

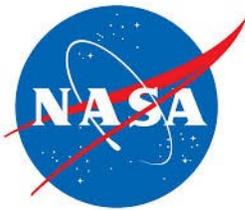




Hey Newsletter KW0E here... I got a tip for you...



The Mid-Winter Hamfest Committee along with the WCRA Board has made a very tough decision that an in-person Mid-Winter Hamfest will not be happening in 2021, but it will be postponed until January 16th, 2022. But we do have good news! The WCRA Board and Hamfest Committee have decided to hold the Mid-Winter Hamfest 2021 virtually on-line Sunday, January 17th, 2021, so save the date!! It will be a day with ham radio related things,



## Two More Astronauts Earn Amateur Radio Licenses

10/06/2020

Although the lockdown of Johnson Space Center (JSC) postponed amateur radio training and licensing over the past 7 months, NASA ISS Ham Project Coordinator Kenneth Ransom, N5VHO, was able to work with all of the new astronaut-class graduates, as well as offer some refresher courses with already-licensed astronauts. Licensed astronauts on the International Space Station (ISS) may operate the on-station ham radio equipment without restrictions.

Astronauts often participate in Amateur Radio on the International Space Station ([ARISS](#)) contacts with schools and groups on Earth.

NASA Astronaut Kayla Barron, who completed her introductory course in June and received basic ham radio operations training in late September, recently tested and received the call sign KI5LAL.

European Space Agency astronaut Matthias Maurer passed his amateur radio exam on July 30, and he got his basic ham operations training in July. He now is KI5KFH.

Astronauts Shane Kimbrough, KE5HOD, and Shannon Walker, KD5DXB, completed the refresher course earlier this year. Two other new astronauts are in the queue to take the Technician license exam. — *Thanks to Rosalie White, K1STO*



## SpaceX Dragon Capsule Resilience Ferries

### Four Radio Amateurs to the ISS



From left to right: Shannon Walker, KD5DXB; Victor Glover, KI5BKC; Mike Hopkins, KF5LJG, and Soichi Noguchi, KD5TVP.

A SpaceX Dragon capsule carrying four radio amateurs autonomously docked on November 17 at 0401 UTC with the International Space Station (ISS). A SpaceX Falcon 9 launcher carrying the precious payload went into space on Sunday, November 15, from NASA's Kennedy Space Center. They comprise the ISS Expedition 64/65 crew. "Well, the ISS is loaded with hams now," Amateur Radio on the International Space Station (ARISS) US Delegate for ARRL Rosalie White, K1STO, said on Tuesday. "These four arrived very early this morning

## **Mark Your Calendars !!**

US Representative Debbie Lesko of Arizona has introduced a [resolution](#) to designate **April 18, 2021**, as National Amateur Radio Operators Day, to recognize the important contributions of amateur radio operators.

"Amateur radio operators are critical in times of crisis and our communities are safer thanks to their dedication to sharing important information with the public," Lesko said. She was approached to introduce the resolution by 12-year-old Raymond, N7KCB, from Peoria, Arizona.

"I started [Long Distance Responders](#) so I can help prepare the community for emergencies with amateur radio," said Raymond. "There might be a price for a radio, but the ability and knowledge to help someone is truly priceless."

As Lesko's resolution notes, World Amateur Radio Day (WARD) is celebrated annually on April 18 to commemorate the founding of the International Amateur Radio Union ([IARU](#)) in 1925, and she said her resolution recognizes the amateur radio community with a national day in the United States in 2021. The resolution cites the Amateur Radio Emergency Service (ARES®) for providing "invaluable emergency communications services following recent natural disasters, including but not limited to helping coordinate disaster relief efforts following Hurricanes Katrina, Wilma, and Maria and other extreme weather disasters."





“The Gathering” will be the theme for the 2021 Dayton Hamvention®. Hamvention General Chair Rick Allnut, WS8G, said the theme reflects what has been missing from our lives most of this year.

“We have spent the last 6 months being bound to our houses and small groups,” he said. “We are very optimistic that when May arrives, we will be allowed to get together.”

Allnut, a medical doctor with a master’s degree in public health, said Hamvention management is closely following the coronavirus situation and believes it will improve enough by May that government restrictions on travel and large groups will be relaxed. The Hamvention team will continue to follow developments.

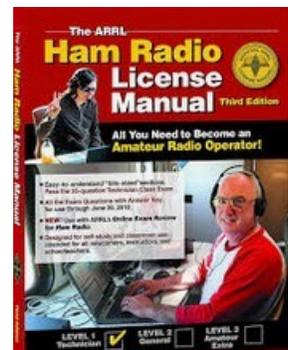
“We hope we will all be able to get together, talk about ham radio, and share the interaction we have missed,” Allnut said. “The Gathering” theme acknowledges the role that Hamvention plays in amateur radio.

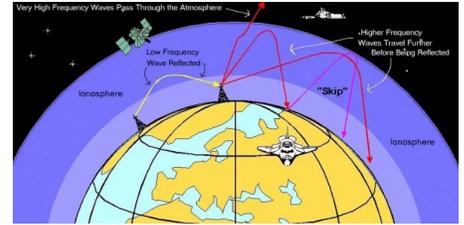
Hamvention 2021 will be held May 21 – 23 at the Greene County Fairgrounds and Expo Center in Xenia, Ohio.



## Technician T5C06

3. What does the abbreviation "RF" refer to?
- ( ) A. The resonant frequency of a tuned circuit
  - ( ) B. Reflective force in antenna transmission lines
  - ( ) C. The real frequency transmitted as opposed to the apparent frequency
  - ( ) D. Radio frequency signals of all types





Field Day 2020 results are available. A total of 26 FRRL members submitted scores. There were only seven other clubs that submitted more logs. That's very impressive since there were almost 1800 club scores. Complete ARRL QST article:

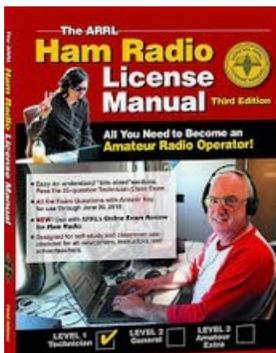
<https://contests.arrl.org/ContestResults/2020/Field-Day-2020-FinalQSTResults.pdf>

Here are the FRRL scores:

Class	CLUB	CALL	QSOs	MULT	Ops	SCORE	QTH
1B-1	Fox River Radio League	K9PW	1288	2	1	4126	IL
1D	Fox River Radio League	K9MMS	612	2	1	2598	IL
1D	Fox River Radio League	K9DXA	353	2	1	1462	IL
2C	Fox River Radio League	W9XA	173	2	2	930	MN
1D	Fox River Radio League	W9HI	217	2	1	748	IL
1D	Fox River Radio League	WB9CHY	125	2	1	650	IL
1D	Fox River Radio League	KA9VMD	149	2	1	646	IL
1B-1-Batt	Fox River Radio League	N9TCA	28	5	1	590	IL
1E	Fox River Radio League	W9STS	45	2	1	494	SC
1D	Fox River Radio League	K9FE	191	2	1	488	IL
1E	Fox River Radio League	W9JDM	22	5	1	470	IL
1D	Fox River Radio League	WB9LPW	76	2	1	354	IL
1B-1-Batt	Fox River Radio League	KC9BKS	19	5	1	340	IL
1B-1	Fox River Radio League	KW0E	87	2	1	324	IL



1E	Fox River Radio League	K9XP	68	2	1	320	IL
1E	Fox River Radio League	KC9ZZU	83	2	1	316	IL
1D	Fox River Radio League	W9YU	69	2	1	300	IL
1D	Fox River Radio League	WA9YKK	98	2	1	282	IL
1E	Fox River Radio League	K9MEV	29	2	1	258	IL
1D	Fox River Radio League	N9XP	69	2	20	232	IL
1D	Fox River Radio League	W9AUV	64	2	1	178	IL
1D	Fox River Radio League	KC9SEB	30	2	1	170	IL
1D	Fox River Radio League	K9TCD	50	2	1	150	IL
1D	Fox River Radio League	KC9OJV	24	2	1	146	IL
1D	Fox River Radio League	K9RZ	50	1	1	105	AZ
1D	Fox River Radio League	KD9OIN	17	2	1	84	IL



## Technician T8A04

4. Which type of modulation is most commonly used for VHF and UHF voice repeaters?

- A. AM
- B. PSK
- C. FM
- D. SSB

### Last issue Technician answers:

T1E05 What is an amateur station control point?

B. The location at which the control operator function is performed

T1C06 From which of the following locations may an FCC-licensed amateur station transmit?

D. From within any country that is a member of the United Nations

## ***Know your fellow member...***

My first exposure to amateur radio was in 1972 at Barrington (IL) High School. I was a sophomore and had signed up for a basic electronics class. I was a high school sophomore, and my mind was on other things at the time! Even though I've always had an interest in radios.

I met my elmer, Bill Hiltenbrand, N9JLP, now SK while renting a house in Aurora. He lived a couple of blocks over. I remember seeing his antenna tower in the backyard. My wife first met him and I stopped by one afternoon. He showed me his shack in the basement. Wow, what a set up he had. We talked and the next thing I know I spent the next several weeks on his front porch studying for the Technicians test. I took that test at the very last FRRL hamfest held at Waubensee Community College. Handhelds and a mobile were my radios for quite a while. A couple of years later I took and passed the General written test, however the morse code requirement was still in place. I struggled to learn "the code" as the one-year expiration of my CSCE was approaching. Three months before it expired the FCC did away with the code requirement. A fellow club member and I went to a nearby town to do our "paper upgrade" along with a hundred others.

I became more active in FRRL until the last two years as I now have difficulty walking without assistance. I also belong to The Society of Midwest Contesters and the Northern Illinois DX Association. I like to contest and participate when I can. My favorite mode is RTTY, then SSB and CW. My CW is very poor but, I get by with some help from a decoder. My general log is the AC Log by N3FJP. For contesting I use N1MM+.

My current station consists of a Flex Radio 6400M, Alpha 87A amplifier, Icom 7300, with computers, and other essential equipment to make the shack run. Outside is a Rohn 25 tower at 39 feet with a 15-foot mast on top. Antennas on the tower are a VHF/UHF vertical, Cushcraft MA5B horizontal antenna for HF and a Cushcraft D40 Rotatable 40-meter dipole. I also have a ground mounted vertical, a Hustler 5BTV with many radials.

I look forward to having a QSO with you in the future!

73'

**Dean, KC9EOQ**



**LIFE IS SIMPLE**

