



ARC OVER



The Official Newsletter of the Fox River Radio League
Since 1924

Our 94th Year in Amateur Radio!

October 2018



Proud to be an ARRL
Special Service Club

NEXT — Membership Meeting:

Tue - Oct 9, 2018 @ 7:30 PM
Bethany Lutheran Church in
Batavia, IL

NEXT — Board Meeting:

Tue - Nov 6, 2018 @ 7:00 PM
Colonial Café, in Aurora, IL

NEXT — VE Test Session:

Tue - Nov 20, 2018 @ 7:00 PM
Messenger Library, in
North Aurora, IL

General Class Schedule:

Sat - Sep 8 -thru- Nov 10, 2018
@ 9 AM -until- 12 PM noon
Golden Corral , in Aurora
4270 E New York St, Aurora, IL

The ANNUAL ILLINOIS QSO PARTY

When: **Sunday — Oct. 21, 2018**
Time: **12:00 PM — 5:00 PM cdt**
Set-Up Time— 9 AM cdt

Where: **Springbrook Forest Preserve - Naperville**
Located a block East of Rt 59 on 83rd Street,
(83rd St. is aka Montgomery Rd.) The Pavilion is
located near the dog park, and across the street from
the Springbrook Golf Course.
If you reach Book Rd you've gone to far.



The Annual Illinois QSO Party will be a great deal of fun
and provide an nice opportunity to operate in bands and
on equipment you might not be familiar with. Come out
and enjoy the FUN! Come socialize and make new QSOs!

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2018

General Class





AMATEUR RADIO GENERAL CLASS
Course is co-presented by FRRL & BARS:
FRRL Fox River Radio League BARS Bolingbrook Amateur Radio Society

The **FRRL** and the **BARS (Bolingbrook Amateur Radio Society)** clubs continue to co-present education courses. The **General Class** started in September. It's a **FREE** course, held on Saturday mornings.
It's not too late to come join us, learn and upgrade!

Date: **Sept 8, 2018 -thru- Nov 10, 2018 (VE Testing)**
When: **Saturdays — 9:00 AM to 12:00 PM (noon)**
Where: **Golden Corral — in Aurora - 4270 E New York St.**

Join Us! For info visit: <http://www.frrl.org/education.php>

If you'd like to help or want to Join the class — Please Contact:
Allen, KB9VO - Education@frrl.org -or- Cyndi, K9NAX - PR@frrl.org

About the FRRL

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.

FRRL sponsors: Training Classes for new Ham Radio Operators, License Examination Sessions, and participate in other various local Public Service Events. If you have a specialized amateur radio interest, chances are you share it with one or more of our club members.

The **Fox River Radio League** meets on the **2nd Tuesday** of every month at **Bethany Lutheran Church**, located at: **8 S. Lincoln St.** in **Batavia, IL**. 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.

Please welcome our newest members to the club!

CALL	NAME	LICENSE CLASS
W9AN	Alan Ahasic	Extra

In Memorandum / Silent Keys

CALL	NAME	LOCATION
W9DWP	Paul R. Dumdie Jr	East Dundee

ArcOver FRRL Newsletter

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The **FRRL ArcOver Newsletter** is published Monthly by the Fox River Radio League Inc. Any and all Amateur Radio Articles, Information and Letters are *always* welcome! Deadline for articles, materials and information is the **20th of each Month** in order to be included in the *Next Month's ArcOver* newsletter. News Articles and Information can be sent - by email to: newsletter@frrl.org - or via the U.S. Postal Service Mail to: FRRL Newsletter PO Box 673 Batavia, IL 60510.

Contact the Newsletter Editor for details and submission guidelines.

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The opinions expressed within the ArcOver newsletter are strictly those of the article authors and do not necessarily represent the opinions of the FRRL Inc., its sponsors or the ArcOver newsletter editor. - FRRL ArcOver Newsletter Editor: Cyndi M Gillies, K9NAX

Fox River Radio League

Founded 1924

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Web Site: <http://www.frrl.org>

President:

Daniel Taddei, W9STS

Vice President:

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Treasurer:

Dan Harmon, WA9YKK

Directors:

- 1 - Jim Nevitt, Jr., N9XP
- 2 - Jason Burzynski, NX9Y
- 3 - Allen Nelson, KB9VO
- 4 - Lance Clarke, W9QB

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FRRL Annual Dues 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.

Regular **Dues** are **\$25.00** - Family-**\$35.00**
Senior Citizen **\$15.00** - Sr. Family **\$20.00**
Student (full time under 22) **\$15.00** a year.

Members can help support FRRL Repeaters by making an annual \$10. donation.

For more information visit our website:
<http://www.frrl.org/membership.php>

License Exam - Test Pool Questions:



The ArcOver is going to test your knowledge...

Good Luck!

Each month the ArcOver will post 3 Exam Test Pool questions to challenge you.

One question from each of the Technician, General, and Extra Class License exams.

(Keep a look out while reading the ArcOver, to find the Answers)

Technician Class

T0C06

Which of the following is an acceptable method to determine that your station complies with FCC RF exposure regulation?

- A. By calculation based on FCC OET Bulletin 65
- B. By calculation based on computer modeling
- C. By measurement of field strength using calibrated equipment
- D. All of these choices are correct



General Class

G8A04

What emission is produced by reactance modulator connected to a transmitter FR amplifier stage?

- A. Multiplex modulation
- B. Phase modulation
- C. Amplitude modulation
- D. Pulse modulation

Extra Class

E9F08

What is the term for the ratio of the actual speed at which a signal travels through a transmission line to the speed of light in a vacuum?

- A. Velocity factor
- B. Characteristic impedance
- C. Surge impedance
- D. Standing wave ratio

Share your thoughts & ideas....

Is there something that you'd like to see added to the ArcOver Newsletter?

Share your ideas with the ArcOver Editor:

Cyndi M Gillies, K9NAX

Send email to: newsletter@frrl.org



President's QST

Dan Taddei, W9STS

October - 2018

This morning we had a frost warning. That means that we need to finish up any of our outside antenna work that we have put off because it was "too hot" ... before it get's "too cold". Myself, I am in the process of putting up a trapped vertical antenna. The ground plane is in, and the post foundation is complete. Now I just need to put up the antenna itself. Wondering what yet to do ham related activity did you plan to do, but have managed to put it off until it is almost too cold to get it done.

Just a reminder of some of our upcoming events. Coming up in October on Sunday the 21st, we have the Annual Illinois QSO Party. It will again be at the Springbrook Forest Preserve in Naperville. Located off of 83rd St. (*aka Montgomery Rd*) - just east of Rt 59).

At our November membership meeting the slate of candidates that have agreed to run for office and the board of directors will be announced and presented.

Then, at our December meeting we will vote and elect the officers and directors that will serve FRRL for the next year. In addition we will have our annual food drive. So please remember to bring some non-perishable food items for the local food pantry. The December meetings will also be our Christmas Holiday party. Please bring one of your favorite food item snack or desert to share and pass around. It can be either homemade or from the store (hams aren't picky). And lastly we will also have a blind exchange bag present, if you want to join in. If you bring in a "bag present" you will be able to pick out and take home a "bag present". Please bring something from your ham shack that you may no longer need or want, or is just collecting dust.

In January we will have our annual banquet at the membership meeting and install our new officers.

Wow that is a lot going on. Oh, and don't forget, for the IL QSO party, remember when you submit you log include noting that you are an FRRL member.

Just a reminder to be safe in you shack.

73,

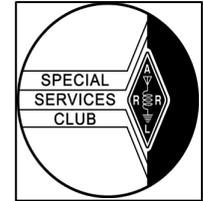
Dan Taddei, W9STS

President, Fox River Radio League

Email: President@frrl.org



Fox River Radio League
"Established 1924"
An ARRL Special Service Club
W9CEQ PO Box 673 Batavia, IL 60510



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, IL

Meeting Minutes September 11, 2018

The meeting was called to order at 19:32 CDT by President Dan Taddei W9STS. Audience introductions: Name, Call, QTH and: "What is your ham radio *thing*?"

Approval of August 2018 Member Meeting minutes: Motion was moved, seconded and accepted. There were 42 members present at this meeting.

Treasurer's Report, Dan WA9YKK

Dan reported the financial balances as of 9/1/2018:

Program, Jason NX9Y

Tonight's Program: John KC9OJV - μ BITX. October: Val NV9L – Puerto Rico EmCom. If you have any ideas for future programs, please contact Jason.

Education, Cyndi K9NAX (Allen KB9VO on vacation)

General Class started on Sept 8th. Cyndi has flyers to distribute. If you are interested in teaching a section of the class, please notify Allen KB9VO, Cyndi K9NAX or Lance W9QB.

VE (Volunteer Examiner) Testing, Paul AC9BS

The next VE session will be September 18th at the Messenger Library, North Aurora from 7PM to 9PM. VEs are invited to help out. The testing fee is \$15.00. Please bring a copy of your current license and photo id if upgrading. The following VE session will be November 20th.

Net, Dave N9XU

2m Net is every Tuesday at 7:30pm on the Club Repeater. More control operators are always needed, contact Dave N9XU for details and to obtain a copy of the script.

Membership, Chris KC9BKS

Chris KC9BKS reported a total of 147 active members.

ARES, Debby WX9VOR

Debby is currently busy with the Hurricane Net. Visit the website at <http://kanecountyares.org> or see Debby for further specific details on any event happening with ARES.

Repeater Report Kermit W9XA.

Kermit gave a report on the current status of the repeaters. The 6M repeater was hit by lightning and is being rebuilt

Old Business:

General Classes

Cyndi K9NAX covered the material previously (under Education). The General Classes started on Sept 8th and will run to the testing date of November 10th.

Farmers Market Outreach Schedule and Sign Up

The next Farmers Market is in Aurora on September 15th. We need people to volunteer to set up for this event. The set up is 7:00am and the event runs from 8:00am to noon.

Winter Banquet

Denny W9HI acknowledged Priscilla AE9PM for helping organize this event. The date has been set for January 8th. Dinner begins at 7:00 (be there at 6:30). The website has been updated to accept payment and print tickets for the event. The fee is \$20 per person (kids 12 and under are free). Cutoff date is the week before the event.

Nomination Committee

Dave N9XU and Priscilla AE9PM are the named members on the committee. Nominations for offices will take place at the November Member Meeting. Voting will take place at the December Member Meeting.

IL Bicentennial QSO Party

This event runs from August 9th thru December 3rd, 2018. The Club may set up stations outside during this event to see if members will come out to operate. The Club did a setup on August 26th and make some contacts. See Denny W9HI if you want to purchase a generator at a discount price of \$325. This is the same generator the Club has purchased.

IL QSO Party

The Illinois QSO Party will be held October 21st, 2018. The event will be held this year at Springbrook Prairie in Naperville. The contest starts at noon, but people will be there early to set up.

New Business:

December Christmas Party

Dan WA9YKK reported on the Christmas Party this year. This will take place at the December Member Meeting. Everyone is encouraged to bring something for the gift exchange and their favorite treats to share. The Club will also be collecting items for the Northern Illinois Food Bank.

Announcements

Dan WA9YKK announced that the new dues will be taking affect. The website is being updated to accommodate. Dan also said that the Club pins are still on order as the vendor ran out of materials.

Marty N9NTM updated the Club on future Hamfests.

(continued on next page)

Technician Class T0C06 Answer - D
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Upcoming Events

September 15th, 22nd, 29th General Class at Golden Corral Aurora

September 15th Farmers Market – Aurora

September 18 VE Testing

October 2nd BOD Meeting

October 6th, 13th, 20th and 27th General Class at Golden Corral Aurora

October 9th Membership Meeting

October 21st IL QSO Party in the Park

Adjournment

A motion was received, seconded and carried to adjourn the meeting. The member meeting was adjourned at 20:18 CDT.

Respectfully submitted,

David Booher W9BOO

FRRL Secretary

FRRL - Upcoming Meeting Presentations

October Meeting - Tuesday, October 9, 2018

EmCom in Puerto Rico — Presentation on getting deployed and setting up emergency communications in the worst of conditions. When life depends on it.

Presented by: **Val Hotzfeld—NV9L**

November Meeting - Tuesday, November 13, 2018

The History of WLS Radio — Presentation about WLS Radio local celebs and some very interesting facts you probably don't know about this long lasting Chicago Radio Station

Presented by: **Scott Childers — W9CHI (yes really)**

December Meeting - Tuesday, December 11, 2018

HOLIDAY PARTY — Please bring a Food Pantry Item, Snack or Desert to pass around for all.

Also - If you want to participate, a grab bag present exchange. (bring a bag—take a bag exchange)

Bring something from your shack, you no longer need.

Interested in presenting, or have ideas for a presentation - contact: Jason, NX9Y - program@frrl.org



General Class

G8A04

Answer - B

(Have an idea? - Let us know!)

2018—Upcoming Events Calendar:

— October —

- ✓ **Tue Oct 2** — **Board of Director's Meeting** —7:00 pm @ Colonial Café in Aurora, IL
- ✓ **Sat Oct 6** — **General Class License Course** — 9:00 am-12 pm @ Golden Corral in Aurora, IL
- Tue Oct 9** — **General Membership Meeting** — 7:30 pm @ Bethany Luther Church in Batavia, IL
- Sat Oct 13** — **General Class License Course** — 9:00 am-12 pm @ Golden Corral in Aurora, IL
- Mon Oct 15 -thru- Fri Oct 19** — **ARRL - School Club Roundup** — *Fall Term: Oct. 15-19, 2018*
For more information visit: <http://www.arrl.org/school-club-roundup>
- Sat Oct 20** — **General Class License Course** — 9:00 am-12 pm @ Golden Corral in Aurora, IL
- Sun Oct 21** — **Annual IL QSO Party** — 12 pm-5 pm (set-up 9am) @ Springbrook Forest Preserve in Naperville, IL - Just East of Rt 59 on 83rd St (aka Montgomery Rd) before Book Rd.
- Sat Oct 27** — **General Class License Course** — 9:00 am-12 pm @ Golden Corral in Aurora, IL

— November —

- Sat Nov 3** — **General Class License Course** — 9:00 am-12 pm @ Golden Corral in Aurora, IL
- Tue Nov 6** — **Board of Director's Meeting** —7:00 pm @ Colonial Café in Aurora, IL
- Sat Nov 10** — **General Class** — **VE TESTING** — 9:00 am-12 pm @ Golden Corral in Aurora, IL
NI-ART—VE Team – **VE TESTING** is open to the public for license testing.
- Tue Nov 13** — **General Membership Meeting** — 7:30 pm @ Bethany Luther Church in Batavia, IL
Voting of new Officers and Directors for 2019
- Thu Nov 22** — **Thanksgiving Day** — Celebrate with your family.

ARRL — Extended Dates Events:

- ONGOING** — **Sun Aug 26 -thru- Mon Dec 3** — **2018 - Illinois Bicentennial QSO Party**
- 1 WEEK ONLY** — **Mon Oct 15 -thru- Fri Oct 19** — **2018 - Fall Term: School Club Roundup**
- ONGOING — ALL YEAR:** **Jan -thru- Dec** — **2018 - ARRL International Grid Chase**

For More Information:

For more info on any of the **Class schedules** visit our web site: <http://www.frrl.org/education.php>

For more info or to help on the **Farmer's Market Outreach** — Contact: **Allen Nelson, KB9VO** at education@frrl.org

* *Hamfests: As listed on the ARRL website under Hamfests & Conventions listings.*



FRRL Featured News

HF Challenge



September 15, 2018				
Limited Class	States	Provinces	DX Countries	Total
Gary K9MMS	50	10	119	179
Operator Class	States	Provinces	DX Countries	Total
Alan W9AN	64	15	99	178
Dean KB9BL	51	6	53	110
Roger W9YU	55	2	22	79
Herb W9DTR	31	6	1	38
Jason NX9Y	20	3	13	36
Chris KC9BKS	3		1	4
QRO Class	States	Provinces	DX Countries	Total
Larry K9ARZ	100	24	283	407
Dick AH6EZ/W7	91	22	170	283
Joe NA9A	56	9	192	257
Dean KC9EOQ	23	3	28	54
Rag Chewer Class	States	Provinces	DX Countries	Total
Dick AH6EZ/W7				63
Dean KB9BL	43	5	4	52
Joe NA9A	10	1	5	16
Roger W9YU	10	0	1	11
Gary K9MMS	1	0	0	1

HF Challenge Update for Mid-September

Modest gains were reported as of mid-September, with poor propagation being cited as an issue. Despite that, a new participant joined the Challenge. Welcome to Chris KB9BKS!

“Propagation has been awful but there have been frequent openings to most areas of the world,” wrote Larry K9ARZ, “but mostly on FT-8 with occasional openings on SSB and CW.”

He reported new contacts with ZS South Africa, ZL New Zealand, VK Australia, FK8 New Caledonia, Z21 Zimbabwe, TK Corsica, XP3 Greenland, A7 Qatar, 5B4 Cyprus, SV5 Dodecanese Islands, and numerous JA's (Japan).

“20 Meters has been the best band for long haul contacts,” he said, “but 17 meters does have occasional openings into Europe and the Pacific. Despite the lack of sunspots, there is still a lot of DX to work.”

Participant update are due Oct. 20th. Send your scores from the beginning of the year through Oct. 15th to Challenge [at] frrl.org. If you have questions about the Challenge or would like to get in on the fun, see Challenge Administrator Joe NA9A at the next club meeting, or send us an email.

73 de KC9LQS

ARRL NEWS



Radio Amateur Among International Space Station Crew Returning to Earth this Week

Flight Engineer Ricky Arnold, KE5DAU, will join Expedition 56 Commander Drew Feustel and Flight Engineer and *Soyuz* Commander Oleg Artemyev on an October 4 return voyage to Earth after more than about 6 months in space. They will travel in a *Soyuz MS-08* spacecraft heading for a parachute-assisted landing on the Kazakh Steppe some 3 hours later.

The crew is completing a 197-day mission.

At an October 3 change-of-command ceremony, Feustel will formally hand over command of the ISS to crewmate Alexander Gerst, KF5ONO, of the European Space Agency. Gerst, Serena Auñón-Chancellor, KG5TMT, and Sergey

Prokopyev will hold down the fort for a week until for one week until Nick Hague, KG5TMV, and Alexey Ovchinin launch from Baikonur Cosmodrome in Kazakhstan for a 6-hour journey to the ISS aboard the *Soyuz MS-10* spacecraft, to round out the five-person Expedition 57.



(L-R) Ricky Arnold, KE5DAU; Soyuz Commander Oleg Artemyev, and Drew Feustel will return to Earth on October 4 after 197 days in space. [NASA photo]

Peggy Sue Gerron, ex-K5PSG, SK

Peggy Sue Gerron, ex-K5PSG, of Lubbock, Texas, who inspired singer Buddy Holly's 1957 rockabilly hit "Peggy Sue," died on October 1. She was 78. First licensed in 2004 as KE5AKW, she later obtained the vanity call K5PSG. Her license expired in 2014, and K5PSG has since been reissued.

Gerron went to high school with Holly and later married The Crickets drummer, Jerry Allison. As rock 'n' roll history has it, Holly originally titled the song "Cindy Lou," but Allison convinced the singer to change the tune's name to "Peggy Sue." In a 2004 interview, Gerron said that story is close to the truth, but not entirely accurate.

After Holly's death in 1959, Gerron toured with The Crickets after the band got back together. Over the years, Gerron made public and media appearances all over the country.

She said her participation in the 2004 W5B special event in Lubbock commemorating Holly helped inspire her Amateur Radio aspirations. "You can do TV specials, and you can be interviewed by the very best DJs," she said, "but there is nothing like the feeling of putting your finger down, and transmitting your call sign, and having somebody answer back."





School Club Roundup

Fall Term: October 15 – 19, 2018



Objective: To exchange QSO information with club stations that are part of an elementary, middle, high school or college. Non-school clubs and individuals are encouraged to participate.

Sponsored by the ARRL, its Hudson Division Education Task Force and and the Long Island Mobile Amateur Radio Club (LIMARC) to foster contacts with and among school radio clubs.

Award certificates will be issued for the following US and DX categories:

Schools: Elementary, Middle/Intermediate/Junior High School, High School and College/University
Non-school Clubs and **Individuals** are welcome to and encouraged to participate.

For More Information - Go To: <http://www.arrl.org/school-club-roundup> or Click: the [Photo Above](#)

A green banner with a dark green background and a pattern of lighter green diamonds. The word 'Conventions' is written in white, bold, sans-serif font. To the right of the text is a white button with the text 'Go Now'. Below the main text, two lines of text are listed: 'Oct. 19-21, 2018 ■ Pacific Division (Pacificon) ■ San Ramon, California' and 'Nov. 17-18, 2018 ■ Central Division (Fort Wayne Hamfest) ■ Indiana'. A large, faint ARRL logo is visible in the background on the right side.

Conventions [Go Now](#)

Oct. 19-21, 2018 ■ Pacific Division (Pacificon) ■ San Ramon, California

Nov. 17-18, 2018 ■ Central Division (Fort Wayne Hamfest) ■ Indiana



Candidate Statement

Kermit Carlson - W9XA



It has been my privilege to serve as your Central Division Director since July 2016, and for the six years before as Vice Director. I have traveled to hamfests, conventions, and club meetings, and responded to your concerns. I have attended ARRL Board and Committee meetings working diligently to represent you.

The ARRL needs strong, committed, and experienced leadership to meet the challenges, we face.

I pledge to continue my efforts to;

- Steadfastly represent the consensus of the Central Division Members
- Work to protect the Amateur Radio Spectrum
- Support ARRL legislative action
- Improve ARRL member's services
- Protect Antenna Right
- Fight unfavorable land use conditions that restrict effective antennas
- Strengthen ARES

I presently serve on the ARRL Administration and Finance Committee, 2018 CEO Search Committee, OO-Program Review Committee, and as Chair of the ARRL Board's EMC "ElectroMagnetic Compatibility" Committee. I have formerly served on the Program and Services Committee, Ethics and Elections Committee, VHF Contest Revitalization Committee, and as the Board Liaison to the VUAC. Prior to my election as Vice Director I was the Central Division representative to the VUAC and the VRAC.

First licensed in 1970 as WB9FBX, I became W9XA in 1977 and I hold the FCC Second Class Commercial Radio-Telegraph license. I have Life Membership in the ARRL, the Central States VHF Society, AMSAT and ARRL Maxim Society. I belong to MARS, RSGB, SMC, CW Operators Club, A-1 Operators Club, FRRL, NIDXA and I sort QSL cards for the Ninth Area QSL Bureau. I have hosted Amateur Radio Conferences in the Chicago area for AMSAT, TAPR-DCC, the Central States VHF Society and I have been on the W9DXCC DX Convention Committee for the past dozen years. My interests include VHF-UHF and above, HF DXing, contesting, homebrewing, and 630 Meters.

For the past 30 years I have been on staff at the Fermilab National Accelerator Laboratory in Batavia, Illinois where I am employed as a Senior Engineering Physicist. For the ten years prior I was a staff engineer and EIC at WGN-TV, Chicago. I reside in Batavia, Illinois with my XYL, Caron W9QLT.

Please see www.W9XA.com for additional information.

I would appreciate your continued support with your vote!

It's Time to Get your Upgrade!

FRRL & BARS - 2018 General Class



Ready to Upgrade? The **FRRL** and **BARS** the (**Bolingbrook Amateur Radio Society**) plan to continue their successful education collaboration and co-present another license training course. The next ARRL training class will be a **General License Class** course which Started in September. The General Class is a **FREE** course, to be held **Saturday** mornings from **9 AM** until **12 Noon**, at the **Golden Corral** in Aurora. *Come and upgrade NOW!*

Dates: **Sept 8, 2018 -thru- Nov 10, 2018 - *It's not too late to Join!***

When: **Saturdays — 9:00 AM until 12:00 Noon**

Where: **Golden Corral — 4270 East New York Street, Aurora, IL**

To Register for the General Class — Go To: <http://www.frrl.org/education-registration.php>

Ready to give back to local Hams? Already a General or Extra... Great! Come join us to support and help the new students. We need Hams interested in sharing their knowledge and skills with other hams, to be available to assist and encourage the class and maybe even to be an Elmer.

Below is the List of Instructors and dates.

GENERAL CLASS - INSTRUCTOR'S SCHEDULE

CLASS # - DATE	CLASS TOPIC	CHAPTER	CALL SIGN	INSTRUCTOR'S NAME
✓ 1. Sat. Sep 8	Introduction	Ch. 1	N9TBD	Patrick Smith
✓ 2. Sat. Sep 15	Procedures & Practices	Ch. 2	W9YU	Roger Bara
✓ 3. Sat. Sep 22	Rules & Regulations	Ch. 3	W9JDM	John Miller
✓ 4. Sat. Sep 29	Radio Signals & Equipment	Ch. 5 *	W9STS	Dan Taddei
5. Sat. Oct 6	Digital Modes	Ch. 6 *	W9UEY	Ryan Schultz
6. Sat. Oct 13	Components & Circuits	Ch. 4 *	W9HI	Denny Barfuss
7. Sat. Oct 20	Antennas	Ch. 7	KB9BL	Dean Gearheart
8. Sat. Oct 27	Propagation	Ch. 8	AA9JS	Gary Smith
9. Sat. Nov 3	Electrical & RF Safety	Ch. 9	AE9PM	Priscilla Miller
10. Sat. Nov 10	VE Testing			FRRL & BARS VE Teams

It's NOT TOO LATE TO ATTEND — or to Stop by to help out!

If you have any questions about the General Class — Please contact:

Allen, KB9VO - Education@frrl.org -or- Cyndi, K9NAX - PR@frrl.org

*For more info on the **Class schedule** visit our web site: <http://www.frrl.org/education.php>*



THE ILLINOIS BICENTENNIAL CHALLENGE AWARD

When: Sun Aug 26, — Mon Dec. 03, 2018

Time: 12:01 AM — 11:59 PM

In celebration of the Illinois Bicentennial, the Western Illinois Amateur Radio Club will sponsor an On-Air operating event to encourage amateur (ham) radio operators all over the world to contact hams in Illinois. The goal for each operator will be to make contact on the air with at least one participating station in each of the 102 Illinois counties. Operators who provide evidence of making contact with at least one station in each county will be awarded a certificate acknowledging the accomplishment. The WIARC will coordinate the activities of amateur stations in each Illinois county. Publishing online the operating schedule for each station.

For more information visit the IL website at:

<https://illinois200.com/events/the-illinois-bicentennial-challenge-award/>

Extra Class

E9F08

Answer - A

International Grid Chase—2018

Get in the Chase!

The ARRL International Grid Chase is underway! Join in on the newest year-long operating event!

Get in on the Chase!

The objective of the ARRL International Grid Chase is to work stations on any band (except 60 meters) in as many different Maidenhead grid squares as possible, and then upload your log data to the ARRL's Logbook of the World (LoTW).

For more information visit ARRL website:

<http://www.arrl.org/international-grid-chase-2018>



IMPORTANT AMATUER RADIO WEB PAGE LINKS

Visit our website – FRRL Website: www.frrl.org

www.arrl.org

www.qrz.com

www.colpage.org

www.twit.tv/hn

www.dailydx.com

www.dxspots.com

Follow FRRL on Facebook:

FRRL Facebook Page: <https://www.facebook.com/foxriverradio/>

FRRL Facebook Group: <https://www.facebook.com/groups/foxriverradio/>



FRRL Repeaters:

W9CEQ – 147.210 MHz +600 KHz Offset, 103.5 PL

W9CEQ – 444.300 MHz +5 MHz Offset, 114.8 PL

FRRL Digital Voice/Data Repeaters: (Contact Kermit, W9XA for info)

W9CEQ – B D-Star – 442.10625 MHz, +5.0 MHz offset

W9CEQ – C D-Star – 147.225 MHz, +0.6 MHz offset

Other Local Area Repeaters:

KC9OEM – Owned by Kane County OEM:

KC9OEM – 145.470 MHz -600 KHz, 103.5 PL

(2 meter is primary Kane Co. SKYWARN/ARES Frequency)

W9DWP – Kane Co. Amateur Public Svc. Repeaters:

(Both repeaters are dual mode APCO-25 NAC-293)

W9DWP – 145.270 -600 KHz, 107.2 PL

W9DWP – 443.025 +5 MHz, 114.8 PL

W9XA – 6 meter:

W9XA – Input: 52.210 Output: 53.910 Carrier Access FM (W9XA 6-meter repeater)

W9ZGP – NIARC:

W9ZGP – 147.060 +600 KHz, 103.5 PL

K9BAR – BARS – Bolingbrook Amateur Radio Society Repeaters: (education partner)

K9BAR – 147.330 +600 KHz, 107.2 PL - (EchoLink: K9BAR-R Node # 261875)

K9BAR – 443.525 +5.0 MHz, 114.8 PL & NAC-293 - P25/Mixed-Mode Analog

K9BAR – 443.700 +, Color Code 1 TS1 & 2 - DMR Repeater

Weekly Nets:

MONDAY: **10-10 INTERNATIONAL NET:** web site URL: <https://www.ten-ten.org/>

CW NET: at 8:00 pm, 28.150 MHz & **SSB NET:** at 8:30 pm, 28.720 MHz

TUESDAY: **FRRL 2m NET:** at 7:30 pm, on W9CEQ (except on Tues meeting nights)

WEDNESDAY: **ARES & SKYWARN NET:** at 6:30 pm, on KC9OEM 2 meter repeater

ILLINOIS DSTAR Net: at 8:00 pm, on the DStar 2 meter repeater

THURSDAY: **BARS INFO & TRAFFIC NET:** at 8:00 pm, on K9BAR linked 2m/440 repeaters

BARS SKYWARN NET: at 8:30 pm, on K9BAR linked 2m/440 repeaters