



ARC OVER



The Official Newsletter of the Fox River Radio League
Since 1924

Our 94th Year in Amateur Radio!

August 2018



Proud to be an ARRL
Special Service Club

Membership Meeting:

Tue - Aug 14, 2018 @ 7:30 PM
Bethany Lutheran Church in
Batavia, IL

Board of Director's Meeting:

Tue - Sep 11, 2018 @ 7:00 PM
Colonial Café, in Aurora, IL

NEXT — VE Test Session:

✓ Sat - Aug 11, 2018 @ 9:00 AM
Golden Corral, in
Aurora, IL

Tue - Sep 18, 2018 @ 7:00 PM
Messenger Library, in
North Aurora, IL

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FRRL Needs your Help...

Farmer's Market Outreach Program

FRRL is participating in local meet and greets again this summer. This is our Ham Radio Outreach Program held at local Farmer's Markets in the surrounding communities. **Why do we do this?** To get the Amateur Radio hobby out to the people and to draw awareness within the communities. **What do we do there?** We set up radios and provide "on the air" radio demonstrations and explain what Amateur Radio is all about. Please Help make this year's Farmer's Markets Outreach Program a Success!

Upcoming Location & Dates:

August Dates:

- ✓ Location: **Aurora** Dates: **Saturday—Aug 4th**
- ✓ Location: **Oswego** Dates: **Sunday—Aug 12th**
Location: **Aurora** Dates: **Saturday—Aug 18th**

September Dates:

- Location: **Oswego** Dates: **Saturday—Sep 9th**
 - Location: **Aurora** Dates: **Saturday—Sep 15th**
- All Dates—Setup Times at: **7:00 AM to 12 PM**

Aurora — Farmers Market Location:

Aurora Transportation Center (Aurora Train Station)
233 N. Broadway, Aurora, IL 60505

Oswego — Farmers Market Location:

Downtown Oswego (main street)
15 Main St., Oswego IL 60543

If you can help - Contact: Allen, KB9VO at: Education@frrl.org

Don't Forget.... 2018 General Class

STARTS: Dates: **Sept 8, 2018 to Nov 10, 2018**

When: **Saturday — 9:00 AM to 12:00 noon**

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

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
KD9KNV	Clayton Arnold	Technician
KD9KXD	Doris Dye	Technician
W9YNP	Curt Sauer	Amateur Extra
KA1S	Maurice Farissier	Amateur Extra
KD9JSA	Thomas Sarlitto	Technician

In Memorandum / Silent Keys

CALL	NAME	LOCATION
W9AYJ	Alvin T. "Buzzy" Buzwink	Sugar Grove

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.

Prior permission is required to republish original ArcOver material.

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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President:

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Vice President:

Roger Bara, W9YU

Secretary:

David Booher, W9BOO

Treasurer:

Dan Harmon, WA9YKK

Directors:

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

Past President:

Dennis Barfuss, W9HI

License Trustee:

Kermit Carlson, W9XA

Newsletter / Facebook Editor:

Cyndi Gillies, K9NAX
newsletter@frrl.org

Webmaster:

Chris Kennell, KC9BKS
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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:



Good Luck!

The ArcOver is going to test your knowledge...

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

T7C08

What instrument other than an SWR meter could you use to determine if a feed line and antenna are properly matched?

- A. Voltmeter
- B. Ohmmeter
- C. Iambic pentameter
- D. Directional wattmeter



General Class

G9D02

Which of the following is an advantage of an NVIS antenna?

- A. Low vertical angle radiation for working stations out of ranges of several thousand kilometers
- B. High vertical angle radiation for working stations within a radius of a few hundred kilometers
- C. High forward gain
- D. All of these choices are correct

Extra Class

E9H08

What is the function of a sense antenna?

- A. It modifies the pattern of a DF antenna array to provide a null in one direction
- B. It increases the sensitivity of a DF antenna array
- C. It allows DF antennas to receive signals at different vertical angles
- D. It provides diversity reception that cancels multipath signals

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

August - 2018

WOW! We are now halfway through our membership year. So far this year FRRL has accomplished a great deal. We have had some very interesting Presentations at our monthly meetings; a very fun successful Field Day; Two very successful, well attended and taught, training classes; and a great turn out at several of the Farmer's Markets Outreach events. Thank you to all who made these great things happen! Everyone's hard work and dedication to FRRL hasn't gone unnoticed and it is greatly appreciated!

And there is more to come....

A large part of ham radio is service. This means service to the community as well as service to the club. This month we start the process of recruiting club Officers and Board of Directors for next year. Denny, W9HI is looking for a few club members to serve on the Nominating Committee. It is this nominating committee who will develop a slate of candidates that the membership will vote on during the December monthly meeting. I would like each of you to consider serving on either the Nominating Committee or as an Officer or Director for next year. It would be great to have all of the available positions contested.

Planning for the winter banquet has already started and volunteers are needed to help. It is not a large time commitment if many help out, because many hands make light work. Then we have a General Class starting in September. For you Technicians, this is a perfect opportunity to get study assistance and do your upgrade. For you Generals and Extras, instructors are still needed. Please contact Allen, KB9VO, Cyndi, K9NAX or Lance, W9QB, or you can visit the education page on the FRRL website to register if you are interested.

This month's program is "Fox Hunting" presented by Pete, K9PW, which will include a demonstration. I'm really looking forward to seeing this program.

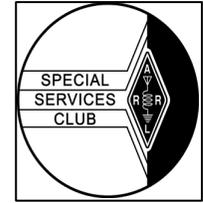
Dan Taddei, W9STS

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 July 10, 2018

The meeting was called to order at 19:31 CDT by President Dan Taddei W9STS. Audience introductions: Name, Call, QTH and: "What is the last Ham Radio related activity you did"?

Approval of June 2018 Member Meeting minutes: Motion was moved, seconded and accepted.

There were 44 members present at this meeting.

Treasurer's Report, Dan WA9YKK

Dan reported the financial balances as of 6/22/2018:

Program, Jason NX9Y

Tonight's Program: Larry K9ARZ – Introduction and Strategies for Learning Code and Increasing Speed. August: Pete K9PW – Learn About Foxhunting (with demonstration). September: John KC9OJV - µBITX. If you have any ideas for future programs, please see Jason.

Education, Allen KB9VO

The General Class is off to a good start. Instructors are needed – pass the word. If you are interested in teaching a section of the class, please notify Allen KB9VO, Cyndi K9NAX or Lance W9QB. Flyers are on the website and will be available for download.

VE (Volunteer Examiner) Testing, Paul AC9BS

The next VE session will be July 17th at the Messenger Library, North Aurora from 7PM to 9PM. The testing fee is \$15.00. Bring a copy of your current license if upgrading.

Net, Dave N9XU

2m Net is every Tuesday at 7:30pm on the Club Repeater. There was repeater problem the last time, but it has been resolved. 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 143 active members.

ARES, Debby WX9VOR

Debby updated the group on recent ARES events. Training continues and a special Training Session is on July 21st. Visit the website at <http://kanecountyares.org> or see Debby for further details on any event happening with ARES.

Old Business:

Field Day Report

Dan WA9YKK and Denny W9HI presented slides which recapped the event and scores. A big thank you goes out to everyone involved.

General Classes

Allen KB9VO covered the material previously (under Education). The General Classes start on Sept 8th and will run to the testing date of November 10th.

Farmers' Market Outreach Schedule and Sign Up

The Farmers' Markets are being scheduled for Saturday and Sundays this year. Aurora: Aug 4th, August 18th and September 15th; Oswego: Aug 12th, Sept 9th. We need support from the Club Members to participate in these events. Please sign up with Allen KB9VO.

Winter Banquet

Denny W9HI informed the group that the banquet will be held at Bethany again this year. The same caterer will be used. Members (and their family) are encouraged to sign up when available on the web. The current plan is to charge \$20.

Nomination Committee

Denny W9HI is soliciting people for the nomination committee.

New Business:

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.

IL Bicentennial QSO Party

This event runs from August 26th thru December 3rd, 2018. The Club may set up stations outside during this event to see if members will come out to operate.

Club Station

Dan W9STS and Denny W9HI have spoken to the Bethany pastor about possibly creating a Club Station in the Education Building at Bethany.

Announcements

Marty N9NTM updated the Club on future Hamfests.

Technician Class

T7C08

Answer - D

Upcoming Events

July 10th Membership Meeting

July 17th VE Testing

August 4th Farmers' Market - Aurora

August 7th Board Meeting

August 11th VE Testing (Golden Corral)

August 12th Farmers' Market - Oswego

August 14th Membership Meeting

August 18th Farmers' Market - Aurora

Adjournment

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

Respectfully submitted,

David Booher W9BOO

FRRL Secretary

FRRL - Upcoming Meeting Presentations

August Meeting - Tue August 14, 2018

Fox Hunting — Learn all about Fox Hunting with a Demonstration included. Don't miss it!

Presented by: **Pete Walter - K9PW**

September Meeting - Tue September 11, 2018

uBITX — Learn all about the new exciting uBITX Transceivers

Presented by: **John Greusel - KC9OJV**

October Meeting - Tue October 9, 2018

TBD — (Hhave an idea? - Let Jason know!)

Presented by:



General Class

G9D02

Answer - B

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

2018—Upcoming Events Calendar:

— August —

- ✓ **Sat Aug 4— Farmers Market Outreach — 7:00 am @ in Aurora, IL** *(contact Allen, KB9VO)*
- ✓ **Sun Aug 5 — Hamfesters Hamfest 2018 — @ Will County Fairgrounds in Peotone, IL ***
- ✓ **Tue Aug 7— Board of Director’s Meeting —7:00 pm @ Colonial Café in Aurora, IL**
- ✓ **Sat Aug 11 — Sat - VE Test Session — 9:00 am @ Golden Corral, 4270 E New York St, in Aurora, IL**
- ✓ **Sat Aug 11 — Racine Megacycle Freefest — @ Greater Racine kennel Club in Racine, WI ***
- ✓ **Sun Aug 12 — Farmers Market Outreach — 7:00 am @ in Oswego, IL** *(contact Allen, KB9VO)*
- Tue Aug 14 — General Membership Meeting — 7:30 pm @ Bethany Luther Church in Batavia, IL**
- Sat Aug 18 — Farmers Market Outreach — 7:00 am @ in Aurora, IL** *(contact Allen, KB9VO)*
- Sun Aug 26 —thru— Mon Dec 3 — 2018 - Illinois Bicentennial QSO Party** *(details to follow)*

— September —

- Tue Sep 4 — Board of Director’s Meeting —7:00 pm @ Colonial Café in Aurora, IL**
- Sat Sep 8 —thru— Sat Nov 10 — 2018 - General Class License Course (FRRL & BARS)**
9:00 am-12 pm @ Golden Corral in Aurora, IL
- Sat Sep 9 — Farmers Market Outreach — 7:00 am @ in Oswego, IL** *(contact Allen, KB9VO)*
- Tue Sep 11 — General Membership Meeting — 7:30 pm @ Bethany Luther Church in Batavia, IL**
- Sat Sep 15 — Farmers Market Outreach — 7:00 am @ in Aurora, IL** *(contact Allen, KB9VO)*
- Tue Sep 18 — VE Test Session — 7:00 pm @ Messenger Library in North Aurora, IL**

Mark Your Calendar — Future Events:

ONGOING — ALL YEAR: Jan -thru- Dec — 2018 - ARRL International Grid Chase

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

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

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



FRRL Featured News

HF Challenge



July 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
Roger W9YU	55	2	22	79
Dean KB9BL	23	5	34	62
Herb W9DTR	31	6	1	38
Jason NX9Y	20	3	13	36
QRO Class	States	Provinces	DX Countries	Total
Larry K9ARZ	89	22	221	332
Joe NA9A	46	7	185	238
Dick AH6EZ/W7	72	18	135	225
Dean KC9EOQ	23	3	28	54
Rag Chewer Class	States	Provinces	DX Countries	Total
Dick AH6EZ/W7				51
Dean KB9BL	21	4	4	29
Joe NA9A	10	1	5	16
Roger W9YU	10	0	1	11
Gary K9MMS	1	0	0	1

HF Challenge Update for Mid-July

“With none-to-some sunspots and a low Solar Flux Index, HF bands are supposed to be poor,” wrote Challenge Administrator Joe NA9A, “but with recent special activities, July has been great. Even 10 meters provided some good DX.

“This month hams worked a lot of countries with an HQ suffix representing the IARU HF World Championship. More common for July were lots of stations with either FIFA or 18FWC suffixes celebrating the World Cup Championship in “football,” the sport we call soccer. For some easy US states contacts, we had the 13 colonies special event stations and for provinces, many special event stations were on the air celebrating Canada Day on July 1st. Life is good!”

Joe reported QSOs with several asterisked counties, including XV1X Viet Nam, EK4JJ Armenia, KH1/KH7Z Baker Island, and 5U7W Niger

—continued—

HF Challenge Update — *continued* —

Joe reported QSOs with several asterisked counties, including XV1X Viet Nam, EK4JJ Armenia, KH1/KH7Z Baker Island, and 5U7W Niger

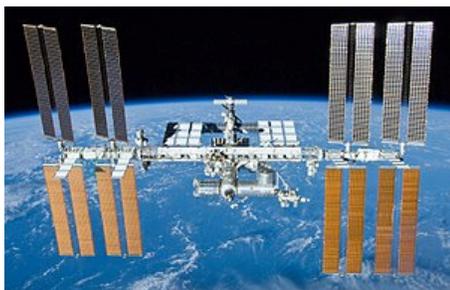
Larry K9ARZ also reported some successes in the past month.

“The 13 Colonies Operation gave us a good start for the second half of this year’s challenge,” he wrote. “I managed a ‘clean sweep’ on the 13 Colonies Plus bonus contacts with Phila. and Britain within the first 24 hours. Most of this month’s activity for new states and probably half of the new DXCC entities have been worked on FT-8. I hate FT-8 but you have to go where the contacts can be made.”

It’s never too late to join the Challenge. To get started, see Joe at the next club meeting to get your Challenge worksheet, or send an email to Challenge [at] frll.org. Updated scores for the September ArcOver are due by Aug. 20th and should be emailed to the same address. Include your class, and QSOs broken down by state/province/DX, from Jan. 1st through Aug. 15th.

Happy DXing!
de KC9LQS

08/07/2018



ARRL NEWS

[BIRDS-2 CubeSats to Deploy from ISS on August 10, 2018](#)



According to Masa Arai, JN1GKZ, Japan’s space agency JAXA has announced that three **BIRDS-2** CubeSats with APRS digipeaters will deploy from the International Space Station on August 10. The trio — BHUTAN-1, MAYA-1, and UiTMSat-1 — will transmit 30 minutes after deployment. Initial mode should be CW on 70 centimeters; each satellite uses the same frequency of 437.375 MHz.

The normal transmission order is BHUTAN-1 (JG6YKL), MAYA-1 (JG6YKM), and UiTMSat-1 (JG6YKN). Each CubeSat also has an APRS digipeater on 145.825 MHz. Because the CubeSats will be released at the same time, it’s possible that the beacon signals from three CubeSats will interfere with each other as they will turn on at almost at the same time, making copy difficult.

Once on, one of the first things it does is transmit the beacon signal, but the CubeSats are programmed so that each will wait a certain amount of time before transmitting the beacon signal. The first satellite released will be the first to transmit, but it will remain silent for long enough to let other two satellites finish their beacon transmissions.

08/09/2018

ARRL NEWS - Continued -



Collegiate QSO Party to Debut in September

ARRL's Collegiate Amateur Radio Initiative ([CARI](#)) will sponsor the first [Collegiate QSO Party](#) in mid-September, just as the fall semester gets under way. The new operating event is part of the larger effort to promote a renaissance of Amateur Radio clubs on college and university campuses.

"Discussion of this sort of event has come up in multiple forums at hamfests," the Milluzzi brothers — Andy, KK4LWR, and Tony, KD8RTT, told ARRL. "It gained more interest in the last couple of years and was a hot topic of debate at the ARRL Collegiate Amateur Radio Initiative Forum at Hamvention® this past May. The rules were formulated by current students, faculty, and alumni of collegiate clubs. We are excited to see things materialize and are happy to help organize the event."

The inaugural Collegiate QSO Party will get under way on Saturday, September 15, at 0000 UTC and continue until Sunday, September 16, at 2359 UTC. Using phone, CW, or digital modes, participants will exchange call sign, college or university name, or abbreviation and mascot, and operating class

"Existing contests are great for club activity, but there is a critical need to get collegiate stations on the air early in the semester and drum up attention," Andy Milluzzi said. He said the ARRL School Club Roundup ([SCR](#)) has been popular with college students, but it's later in the semester, when college students are more deeply involved with their studies. The Society of Midwest Contesters also created the North American Collegiate Championship in conjunction with the North American QSO Party ([NAQP](#)) SSB event. Andy Milluzzi said the Collegiate QSO Party hopes to capitalize on the success of both events.

In a nutshell, the concept is an Amateur Radio operating event that focuses on collegiate Amateur Radio, with the goal of promoting student activity, alumni engagement, and community awareness. The contest is open to all radio amateurs, including school clubs from around the world, the Milluzzis said. There is no explicit bonus for DX and no US-specific awards. Points may be earned by individuals, clubs, and collegiate stations. New hams are welcome and collegiate clubs are encouraged to accommodate newcomers.

Full details on the Collegiate QSO Party will appear in the September 2018 issue of *QST*.

-end-

It's Time to Get Involved!

FRRL & BARS - 2018 General Class



Ready to Upgrade? Ready to give back to local Hams?

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 is scheduled for Fall. The General Class is a **FREE - 10 week** course, to be held **Saturday** mornings from **9 AM** until **12 Noon**, at the **Golden Corral** in Aurora. Come and upgrade. (*or join us as an Instructor*)

Dates: **Sept 8, 2018 -thru- Nov 10, 2018**

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

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

Already a General or Extra... Great! The FRRL / BARS Education Committees are looking for Hams interested in sharing their knowledge and skills with other hams. To help out and be an Instructor for the General Classes. We need people comfortable teaching the class topics, to work together encouraging class interactions, and ease in learning. There are 9 weeks of the General course material (Class Topics) and 1 week scheduled for the VE Testing.

GENERAL CLASS - INSTRUCTOR'S SCHEDULE

CLASS # - DATE	CLASS TOPIC	LICENSE	CALL SIGN	INSTRUCTOR'S NAME
1. Sat. Sep 8	Introduction			TBD (your name here?)
2. Sat. Sep 15	Procedures & Practices			TBD (your name here?)
3. Sat. Sep 22	Rules & Regulations			TBD (your name here?)
4. Sat. Sep 29	Components & Circuits			TBD (your name here?)
5. Sat. Oct 6	Radio Signals & Equipment			TBD (your name here?)
6. Sat. Oct 13	Digital Modes			TBD (your name here?)
7. Sat. Oct 20	Antennas			TBD (your name here?)
8. Sat. Oct 27	Propagation			TBD (your name here?)
9. Sat. Nov 3	Electrical & RF Safety			TBD (your name here?)
10. Sat. Nov 10	VE Testing			FRRL & BARS VE Teams

Class Instructor's are still being finalized. - Updates will be posted on FRRL website.

If you want to help with the General Class as an Instructor or in any other way?

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

For more info on any **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

E9H08

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 information)

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:

KC90EM – Owned by Kane County OEM:

KC90EM – 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:

FRRL Ten Meter Net: Monday at 8:00 pm, 28.150 MHz CW

Monday at 8:30 pm, 28.720 MHz SSB

FRRL 2 Meter Net: Tuesday at 7:30 pm, on W9CEQ (except Tues meeting nights)

ARES & Skywarn Net: Wednesday at 6:30 pm, on KC90EM 2 meter repeater

Illinois DStar Net: Wednesday at 8:00 pm, on the DStar 2 meter repeater

BARS Wkly Info Net: Thursday at 8:00 pm, on K9BAR linked 2meter/440 repeater