



Arc Over

Fox River Radio League
PO Box 673
Batavia, IL
60150-0673

July, 2006

The FRRL Hamfest is almost here!

FRRL Hamfest - Sunday - July 9, 2006 - 8:00 AM
Aurora Central Catholic High School
1255 N. Edgelawn Drive, Aurora, IL
GPS: N41.46.57 W88.21.29

Talk in: Fox Repeater W9CEQ - 147.21+ pl 103.5

New and Used Amateur Radio Equipment

Computer Hardware and Software

Established in 1929, the FRRL Hamfest is the oldest hamfest in Illinois. Advanced ticket sales are \$5.00 each with 2 door prize stubs. Tickets are \$7.00 at the gate with 1 door prize stub. Doors open to the public at 8am.

The prizes this year include a 1st place prize of \$300 cash, \$100 cash for 2nd place, and \$50 for third place. There will also be hourly door prize drawings.

VEC Exam testing will take place at 10:00 AM Only.

President's Traffic

By Dick Illman, AH6EZ

Field Day, 2006 was a rousing success. Did you know that we had 33% more operators at our stations this year than last year? Yes, 80 people (11 of them less than 18 years old) operated our 8 stations, VHF/UHF, and GOTA. We do not have a specific report on the Next Gen participation but judging from the number of kids searching around for scavenger hunt items, I am sure they had a lot of fun. Thanks to Tobi and Carol for making that work.

We do make space for new, experienced, and returning operators at our stations. We made 213 contacts more than last year, however we had fewer CW and more phone contacts. Our overall score including bonus points this year was 8236 and last year was 8628.

The weather this year was substantially cooler and the only rain was Sunday morning well before knockdown. We had great food prepared by Becky, KB9UBU, Kim, KC9EIF, and my sister Karen. They toiled long and hard for our mutual pleasure and they deserve special kudos. Lots of people (too many to call out individually) worked long and hard before, during, and after Field Day. Thanks to every one of them, and to the City of Aurora for the Generator and ESDA trailer.

We have already had a lessons learned meeting to incorporate new ideas and fixes for next year's event, including but not limited to ac power distribution, computer networking, band captain duties and flexibility, and antenna placement for less interference.

Here are the tentative details of our results. These are subject to final review and updating.

Band	CW	Digital	Phone
160			
80	262		131
40	307	87	387
20	259	93	174
15	80		178
10			
6	13		39
2	1		5
SAT	5		15
GOTA	6		238
Totals	933	180	1167

Total CW	933	x2	1866
Total Digital	180	x2	360
Total Phone	1167	x1	1167
Total QSOs			3393
Power Multiplier			x2
Claimed Score	-	-	6786
Bonus Points	-	-	1450
Grand Total			8236

Our program for July is still in the planning stages, but at this time I believe we will be discussing safety issues such as grounding, RF grounding and bonding.

Thanks again to all the Field Day participants, workers, visitors and well-wishers.

Dick, AH6EZ

Technician Trivia

Selected from the new Technician Exam Question Pool

T8B01

What can you do to be prepared for an emergency situation where your assistance might be needed?

- A. Check at least twice a year to make sure you have all of your emergency response equipment and know where it is
- B. Make sure you have a way to run your equipment if there is a power failure in your area
- C. Participate in drills that test your ability to set up and operate in the field
- D. All of these answers are correct.

Answer on Page 8

FRRL Cougars Night Announcement

Let's have a ball (game)! The FRRL is going to the ball park to cheer on the Kane County Cougars and hopefully come home with a victory again this year. Mark your calendars. July 28th is game night. First pitch is at 6:30 pm at Elfstrom Stadium in Geneva. Tickets are only \$9! There is a spectacular fireworks show scheduled for after the game.

For tickets, please see Greg N9CHA Cougars@frrl.org

FRRL Club Nets

The regular weekly FRRL 2 Meter Net takes place every Tuesday evening at 7:30 pm local time, except on meeting nights, on the W9CEQ repeater, 147.210 MHz. +600 KHz, 103.5 access tone.

The Next Gen Hams Nets take place on the 2nd and 4th Wednesday evenings of each month at 7:00 pm local time on the FRRL repeater, W9CEQ—147.210 MHz. +600 KHz, 103.5 access tone.

The City of Lights Chapter of Ten-Ten International holds a CW net on Monday nights at 8:00 pm local time on 28.150 Mhz., and a Phone Net at 8:30 pm local time on 28.720 Mhz. All hams are welcome. The CW Net participants are happy to slow down for any amateur wishing to brush up on their Morse Code skills.

Erickson HF Challenge Update

By John Spasojevich, K9COE

Not Much of an Update.....

That seems to be the story as we reach the mid point of Summer 2006. I know I missed getting Keith, N9YA's update because I was out of town during the last club meeting. Several other participants have been MIA the last couple of months so based on what we know, Herb W9DTR is way out in front in the ragchew competition, almost triple the next closest station. In the Operator Class it's always close and this year is no exception. In the Limited Class it's close too. Down in the QRO Class Dick, AH6EZ is pulling steadily away from the others. It's the half way point, we'll have to wait and see what fall and early winter brings.

This 4th of July, is the 230th Anniversary of our Declaration of Independence is close at hand. I've mentioned various parts of The Amateur's Code in recent articles and this is no exception: "PATRIOTIC....station and skill always ready for service to country and community" Service is really why we exist. Field Day is part of making sure we are ready. Special events operation can be thought of as mini-field days, a time to get together and have fun, but also a time to practice our craft as radio operators, as communicators. To be sure we can be of service when, not if, WHEN the time comes.

Dick, AH6EZ reports that in spite of tough conditions he managed to work HL (South Korea) and 3D2 (Fiji Island)!

If anyone needs Delaware, Rhode Island or Vermont for Challenge points or WAS Dick will be in these locations in addition to the Canadian Provinces of New Brunswick, Nova Scotia, Prince Edward Island, Ontario and Quebec between July 15th and August 5th.

If you are into collecting QSL cards you can try and work me as N9C or N9C/MM from July 28th thru August 6th as a special event station celebrating the 48th Anniversary of the Naval Sea Cadet Corps. I'll be operating from the former USN vessel YP-671 in Chicago, underway on Lake Michigan and various ports in Indiana and Michigan as we train 14 young men ages 14-17 in various aspects of seamanship (and ham radio). At the close of the cruise we'll escort a fleet of Tall Ships from Milwaukee to Chicago for the Tall Ships Chicago Festival. We'll also operate N9C in the Amateur Radio Lighthouse "Lighthouse/Lightship Weekend" August 5th & 6th. I'll be QRV on 20 meters phone and PSK, hopefully on 17 and 40 also during the week. On Saturday August 5th you may also find N9C on 40CW thanks to Tom, AB9IN giving us a hand too.

Happy 4th of July!

John

The updated results are on page 5.

Bill Erickson HF Challenge — June, 2006 Standings

Here are the standings for the 2006 HF Challenge as of May 15, 2006. If you did not submit a score sheet your score is not listed here. Remember to email your 2006 updates to challenge@frrl.org by the 15th of each month.

Ragchew Class	States/Provinces	DX Countries	Total
W9DTR	-	-	52
N9CHA	-	-	19
K9FBI	-	-	17
K9IH	-	-	16
K9COE	-	-	14
AL9A	-	-	13
AH6EZ	-	-	11
NA9A	-	-	2

Operator Class	States/ Provinces	DX Countries	Total
W9DTR	47/9	102	158
K9JE	42/1	112	155
N9YA	42/9	79	130
K9FBI	50/3	72	125
KB9YSI	45/5	48	98
N9CHA	44/7	41	92
W9YBH	20/1	18	39
K9IH	11/4	3	18

Limited Class	States/ Provinces	DX Countries	Total
K9ARZ (PSK)	46/8	94	148
K9COE (RTTY)	50/8	64	122

QRO Class	States/ Provinces	DX Countries	Total
AH6EZ	50/10	162	222
AL9A	50/12	100	162
W4CEO	39/3	87	129
NA9A	19/4	81	104
J68MS	38/5	34	77

For Sale

ICOM-765 HF All Band Transceiver

- Only One Owner - Excellent condition, not even a case scratch
- Low Operating Time - Approximately 600 hours
- Icom Installed Option - Temperature stabilized reference crystal
- Icom Installed Option - 9 MHZ and 455 KHz IF 250 Hz CW filters
- Owner's Operating Manual and Icom Service Manual
- Original Shipping Cartons

Current dealer used price is about \$1000 - Asking \$850

Contact: Dick Isely, W9GIG
St. Charles, IL

dick@pobox.com
630-584-3510 (answering machine after 3rd ring)

Solar Flux

By Bill Muhr, KB9YSI

It's been quite a while since I've included an Editor's column in the ArcOver. That is usually a good thing—it means that I have enough material to fill up an issue with real content. However, this month has been a little slow due to all of the Club activities on the calendar. June started with the Canoe Race, and that was followed by Field Day. This coming weekend is the Hamfest. Busy, busy, busy.

I'm not sure what the deal is with the weather on Field Day, but if someone can figure out how it works, order up a repeat of this year's weather for the next 10 or 12 annual Field Day weekends. You can't get much better than what we had this year. I certainly had a great time this year, captaining the 80/15 CW station. Our ops managed to crank out over 350 QSOs on the two bands. I must note that all of the ops at the station this year were named "Bill". In fact, all of the band captains in the ESDA trailer were either named Bill or Benny. We were the three "B's", and put out quite a little buzz on the air waves.

Sunday, July 9, is the FRRL Hamfest. There are other announcements spread out thru this issue about the fest. Please remember that volunteers are always needed. If you want to contribute to the success of the event please step up and offer help where you see it is needed. And remember, Clean Up Helpers are worth their weight in gold.

Keep those articles and suggestions for ArcOver content coming. I'll see you at the Hamfest!

73,
Bill
KB9YSI

About the FRRL

The Fox River Radio League, Inc., is a general interest amateur radio club serving the central Fox River Valley area. Records indicate the club has been in existence since at least 1924, and has functioned continuously ever since. We are an ARRL Special Service Club, an Illinois not-for-profit corporation, and a 501©(3) tax exempt organization as specified in IRS Statutes.

We sponsor training classes for new hams,

license examination sessions, an annual hamfest, and participate in various public service events. If you have a specialized amateur radio interest, chances are you can share it with one or more of our club members.

The Fox River Radio League meets on the 2nd Tuesday of every month at the Prisco Community Center in Aurora, Illinois. The meeting begins at 7:30 PM. After conducting business, coffee and

snacks are served while we socialize. Following the break, a program of interest will be presented. All persons interested in amateur radio are invited to attend. Families are welcome. *We hope to see you there!*



License Exams

The Fox River Radio League, Inc., in conjunction with the ARRL VEC, conducts amateur examinations on the 3rd Tuesday of January, March, May, September and November in the basement of the Prisco Community Center, 150 W. Illinois Street, (South East corner of Lake and Illinois) in Aurora, IL. at 7:30 PM. No advance registration is required, but please be sure to

bring your license (if you have one) and a photocopy of it, original CSCEs and a photocopy (if needed), some form of photo identification, and the fee of \$14.00. (The FRRL receives no portion of this fee.)

The next exam session is scheduled for July 9, 2006, at the FRRL Hamfest.

FRRL Dues

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 \$20.00 a year, Senior Citizen dues are \$12.00. Family dues are \$30.00. You can also help support the FRRL Repeaters by joining as a combined Club/ Repeater member for an additional \$10.00.

Check with the Treasurer for details and additional dues rates.

Nets

Net Name	Freq.	Day	Time
FRRL	147.210	Tuesday	7:30 PM Local
10-10 CW	28.150	Monday	8:00 PM Local
10-10 SSB	28.720	Monday	8:30 PM Local

Fox River Radio League

Founded 1924

Mailing Address:

Box 673
Batavia, Illinois
60510-0673

Email:

info@frrl.org

Web Site:

<http://www.frrl.org>

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Vice President

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FRRL CLUB MEETINGS ARE HELD AT THE PRISCO COMMUNITY CENTER AT 150 WEST ILLINOIS STREET IN AURORA. PLEASE CHECK THE FRRL WEB SITE FOR A MAP TO THE MEETING LOCATION .

<http://www.frrl.org>

Handy Web Links

Send Address Corrections to:
 Fox River Radio League, Inc.
 40W981 Bridle Creek Drive
 St Charles, , Illinois
 60175

FRRL Event Calendar

July, 2006

FRRL Board Meeting 4
 FRRL Hamfest 9
 FRRL Meeting 11

August, 2006

FRRL Board Meeting 1
 FRRL Meeting 8

FRRL Web Site	http://www.frrl.org/
ARRL Main Site	http://www.arrl.org/
ARRL Central Div. Site	http://www.central.arrl.org/
ARRL IL Section Site	http://www.central.arrl.org/illinois.html
ARRL IL Section News	http://www.arrl.org/sections/?sect=IL
ARRL Contest Page	http://www.arrl.org/contests/
Contest Calendar	http://www.hornucopia.com/contestcal/
Callsign Lookup (QRZ)	http://www.qrz.com/
Vanity Callsign Info	http://www.vanityhq.com/
IRLP Main Page	http://www.irlp.net/
AMSAT	http://www.amsat.org/
FCC Services	http://wireless.fcc.gov/services/amateur
SMC Contest Club	http://www.w9smc.com/

ArcOver FRRL Newsletter

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The ArcOver is published monthly by the Fox River Radio League, Inc. Articles and letters are always welcome. The normal deadline for material is six days prior to the end of the previous month. Articles can be sent by email to arcover@frrl.org or via U.S. Mail. Contact the Editor for details and submission guidelines.

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Technician Trivia Answer: **D**

Local Area Repeaters/Nets

W9CEQ—147.210 Mhz. *
 +600 KHz, 103.5 access tone
 Owned by FRRL

W9CEQ—444.300 Mhz. IRLP Node # 4850
 +5 Mhz, 114.8 access tone
 Owned by FRRL

W9ZGP—146.580 Mhz. **
 +1.08 Mhz (147.660)
 Owned by NIARC

KC9OEM—145.470 Mhz. (Kane Co. SKYWARN)
 -600 KHz, 103.5 access tone
 Owned by Kane County OEM

W9XA — 224.40 Mhz, +5 Mhz, IRLP Node #4846
 — **443.65 Mhz, +5 Mhz**
 — **1292.00 Mhz, -20 Mhz (1272.00)**

- Weekly FRRL Net—Tues. Eve. at 7:30 pm local time on the FRRL 2 Meter repeater.
- Next Gen Youth Ham Net— 7:00 pm on the 2nd and 4th Wednesdays of each month. On the FRRL 2 Meter repeater.
- KC OEM Amateur Net— Wed. Eves, 7:00 pm on the KCOEM repeater.