



Arc Over

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

September, 2005

President's Traffic

by Dick Illman, AH6EZ

As I am writing this, I am headed to ARRL HQ and W1AW for the first time since I became involved with ham radio 36 years ago. I will be working outdoors to set up a Motorola Powerline LV (Enhanced BPL) system at ARRL HQ. I am very much looking forward to seeing little interference to and from ham radio.

With all of my BMW motorcycling activities, it has been hard to find as much time for ham radio, however I continue to make at least one CW contact during each motorcycle rally. I got several questions at Pontiac this last weekend about the 5 element 2m yagi I had set up on top of the RV. It is nice to put ham radio out there in public places to remind them who and what we are.

It looks like I will miss the September meeting while I am in South Carolina supervising some FCC lab emission measurements. Kermit will run the meeting. At the moment it looks like Greg N9CHA (our most recent Extra class licensee, congrats!) will present the Green Bank Radio Telescope presentation I put together.

I may also miss the October meeting where we hope to have contest training and further introduction to the Illinois QSO Party event on October 16. Kermit W9XA has taken over the duty of preparing for our Winter Banquet. That is something that all of us and our spouses can look forward to in January.

Late update—an article about my visit to W1AW is now available on the ARRL Website at <http://www.arrl.org/news/stories/2005/08/29/1/?nc=1>. The BPL testing we conducted produced positive results, with minimal interference to amateur frequencies.

Finally, I would like to urge you to do what you can to assist the victims of Hurricane Katrina. Donations are urgently needed, and the call has gone out for volunteers. Please monitor the ARRL web page and our FRRL web page for current information on how you can help.

73—see you at the meeting,

Dick Illman, AH6EZ
FRRL President

By-Laws Amendment Proposed

By Bill Muhr, KB9YSI

The following revision to the FRRL By-Laws has been proposed by a member in good standing, read by the President to the members present at the August, 2005 meeting, discussed and amended at the August meeting, and is now being published in the ArcOver.

This proposed Amendment to the FRRL By-Laws will be voted upon by the members present at the September, 2005 meeting. The proposed amendment reads as follows:

Article XII Section 2

Eliminate the second sentence which reads "The Optional FRRL repeater contribution shall be twenty dollars (\$20.00) per year for all non-FRRL members."

This will cause Article XII Section 2 to read: "The optional FRRL repeater contribution shall be established by the Fox Repeater Board per year for all types of FRRL members."

Amateur Radio Emergency Communication Volunteers Needed!

By Bill Muhr, KB9YSI

Amateur Radio emergency communication volunteers needed! (Sep 2, 2005) -- UPDATE -- The ARRL now is seeking experienced Amateur Radio emergency volunteers to help supplement communication for American Red Cross feeding and sheltering operations in Mississippi, Alabama and the Florida Panhandle--as many as 200 locations in all. Special consideration will be given to operators who have successfully completed the ARRL Amateur Radio Emergency Communications course training (Level I minimum) to serve as team leaders. These volunteer operators will help to provide communication and equipment for relief efforts in the aftermath of Hurricane Katrina. Volunteers may face hardship conditions without the usual amenities and will need to provide their own transportation to the marshaling area.

Working in cooperation with the ARRL, <http://katrina.ab2m.net/> will now be handling all volunteer sign ups for the Katrina Relief effort. If you have already entered your information to Katrina@arrl.org, your information will be forwarded to AB2M to avoid duplication.

Katrina@arrl.org should be used for all other inquiries to the ARRL regarding Hurricane Katrina.

Field Day Results

By Denny Barfus, W9HI

Here are the results from Field Day, 2005 for the FRRL Club entry:
Call Used: W9NE GOTA Station Call: W9CEQ ARRL/RAC Section: IL
Class: 8A

Participants: 60

Power Source(s): Generator, Solar

Power Multiplier: 2X

Bonus Points:

100% Emergency power	800
Media Publicity	100
Set-up in Public Place	100
Information Booth	100
W1AW Field Day Message	100
Satellite QSO completed	100
Natural power QSOs completed	100
Site Visit by invited elected official	100
Site Visit by invited served agency official	100
Youth participation	100
Youth operators=13	
Youth participants=23	
GOTA station 100 QSOs achieved (tot=172)	100
Submitted via the Web	50
Non traditional mode: Moonbounce	100
Non traditional mode: SSTV	100
Non traditional mode: Meteor Scatter	100
Total Bonus Points	2,150

Score Summary:	CW	Digital	Phone	Total
Total QSOs	1071	126	845	
Total Points	2142	252	845	3239

Claimed Score = 6,478

Band/Mode QSO Breakdown:

	CW		Digital		Phone	
	QSOs	Pwr(W)	QSOs	Pwr(W)	QSOs	Pwr(W)
160m					13	100
80m	214	100			206	100
40m	560	100	76	75	288	100
20m	207	100	50	50	113	100
15m	88	100				
10m						
6m					28	100
2m					25	50
1.25						
Other						
Satellite	2	50				
GOTA					172	100
TOTAL	1071		126		845	

List of GOTA Operators:

KB9SCU, KB9UJB, KC9CQN, KC9DLL, KC9DMU, KC9GDL, KF9OW, N9USZ, N9XP, W6BBL, W9DNJ, W9HI, W9NDW, WB9CVE, WD9CNW

Illinois QSO Party Set For October

By Bill Muhr, KB9YSI

Several members of the club are planning to be involved in the Illinois QSO Party this year. At times in the past, the FRRL has been very active in this event, and at one point we won the club competition. Here is some information on the event for those that are interested.

The Illinois QSO Party is an 8 hour event, and is usually held on the third Sunday in October. It is open to all amateur radio operators, and uses 160 meters through 2 meters. CW contacts count 2 points each, while Phone contacts count 1 point each. Stations are divided into two groups: Illinois stations and non-Illinois stations. Stations inside IL try to work IL counties, states, and countries as multipliers. Stations outside IL try to work IL counties as multipliers. IL stations are further divided into fixed, mobile, or portable. For further information, check out the latest rules, as follows:

Date/Time: 1700Z October 16 until 0100Z October 17, 2005 (Noon to 8 PM local time, Oct 16)

Bands: 160 through 2 meters, excluding 60, 30, 17, and 12 meters.

Special band activity times: IL stations are encouraged to spend some time on 20 meters in the afternoon to work DX stations seeking IL counties.

Exchange: IL stations give RST and county; others give RST and state, province, or country.

Scoring: Count 1 point per phone QSO, 2 points per CW QSO. No repeater QSOs. Stations may operate only one transmitter at a time. Stations may be worked once per band and mode, and once per band/mode/county for IL mobile stations. Each vehicle is considered one station and must use only one call. Contacts with/by stations at the border of 2 counties count as 2 counties and 2 QSOs; the border of 3 (or 4) counties count as 3 (or 4) counties and 3 (or 4) QSOs. IL stations multiply points by the sum of states, IL counties, VE provinces, and a maximum of 5 DXCC countries (W/K and VE included). Count additional DX as points but not multipliers. Non-IL stations multiply points by number of IL counties worked.

Awards: Plaques will be awarded to the highest-scoring IL fixed station, IL mobile station, IL county line station, and out-of-state station. A traveling plaque sponsored by the Western Illinois Amateur Radio Club will be given for top IL Club score. Certificates will be awarded to the top 10 IL fixed stations, the top 5 IL mobile stations, the top IL county line portable station, the top QRP score, and the highest score (reporting at least 10 IL contacts) in each state, province, and country. Any out-of-state operator who makes at least 200 IL QSOs or works at least 75 IL counties will receive a food item from Illinois, courtesy of N9JF.

Logs: An official ILQP summary sheet must accompany your log. Entries without a summary sheet will be considered to be check logs and won't be included in the final results. Log shall indicate UTC, the call of the station worked, the band and mode, RST sent and received, and the state, province, IL county, or DX country. IL mobiles must indicate county changes in the log. Any station with over 100 QSOs must submit a dupe sheet. Mobile entries send dupe sheet only for counties from which you make 100 or more contacts.

For handwritten logs: Please circle new multipliers as worked. Include a business-size SASE if you wish to receive printed results. Entries must be postmarked by November 15. Mail to: RAMS, c/o John Matz, KB9II, 7079 West Ave., Hanover Park, IL 60133.

For electronic logs: We ask anyone who produces a computer generated log to please submit their log via email. A summary sheet can be downloaded from the ILQP website and must be included with your entry. Send by November 15 to jfunk [at] fossnorthamerica [dot] com

Entries may be disqualified if the rules of the Illinois QSO Party are not followed. The decision of the Illinois QSO Party Committee shall be final.

Complete information can be found at <http://my.core.com/~jematz/ilqp/ilqphone.htm>. We hope that as many members as possible will participate in this event.

Bill Erickson HF Challenge Scores

Here are the latest standings received for the HF Challenge. Hopefully the summer band conditions are finished and things will get better as the days shorten and the static fades. Remember to email your updates to challenge@frri.org by the 15th of each month.

Ragchew Class	States/Provinces	DX Countries	Total
AL9A	-	-	43
AH6EZ	-	-	15
NA9A	-	-	11
W9DTR	-	-	4
K9FE	-	-	1

Operator Class	States/ Provinces	DX Countries	Total
K9JE	46/10	115	171
W4CEO	48/7	112	167
K9MMS	50/10	79	139
W9DTR	22/7	81	110
K9FBI	43/5	42	90

Limited Class	States/ Provinces	DX Countries	Total
KB9YSI	41/3	32	76

QRO Class	States/ Provinces	DX Countries	Total
AH6EZ	48/9	144	201
AL9A	50/10	129	189
NA9A	9/2	155	166
W0HED	50/7	77	134
K9FE	15/0	4	19

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 8:00 pm local time on the NIARC repeater, W9ZGP—146.580 MHz., +1.08 MHz. (147.660). We are looking for Control Operators for the nets. If you are interested, please contact Benny, W9CZA.

Doris A. Hauser, WA9MWM, SK

The FRRL lost a long time member recently. Doris Hauser, WA9MWM, 75, of Aurora, passed away on August 29, 2005 at Provena Mercy Medical Center. Doris was born November 4, 1929 in Wedron, IL. She was the past President of Fox Valley Club for the Visually Handicapped and volunteered for the Red Cross for many years.

Doris was a regular check-in to the FRRL Tuesday Night Net up until a few weeks ago.

She is survived by her husband, Russ Hauser; her children, Sandy (Steve) Sundlof and Dan (Laurie) Linden; her grandchildren, Tom and Chris Sundlof; a brother, Robert Brimhall; four sisters-in-law, Lillian (Wayne) Bailey, Cel Phillips, Mildred Benjamin and Nancy Kotar. In lieu of flowers, memorials would be appreciated for the American Red Cross.

Solar Flux

By Bill Muhr, KB9YSI

I'm sure all of us are sending prayers and good wishes to everyone affected by the tragic events spawned by Hurricane Katrina. The FRRL will be using our web site to provide updates on emergency communications activities and events. I encourage all of the members to keep up to date by checking our site (<http://www.frrl.org/>) and the ARRL site (<http://www.arrl.org/>), and to contribute to relief funds such as the American Red Cross or the Salvation Army.

Congratulations to Greg, N9CHA, who passed his Extra exam recently.

One of the final hamfests of the season will take place September 17th and 18th. This is the Chicago FM Club's Radio Expo, 2005, held at the Lake County Fairgrounds in Grayslake, IL. This may be your last opportunity to stock up on connectors, insulators, and all that other stuff before the snow flies. (<http://www.chicagofmclub.org/hamfestgen1.html>)

You may have noticed that the type in this issue of the ArcOver is a tad larger than in the past. I have had several members ask if I could increase the font size to help out those "tired eyes". Consider it done. I hope helps! I'd never admit it, but this issue does seem to be a bit easier on MY eyes. It must be the new bifocals.

I hope as many of you as possible will consider taking part in the Illinois QSO Party. Several club members have offered to try and help members who are new to contesting or would like to give HF operating a try. Please ask if you would like more information or assistance.

73 for now,
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 September 20, 2005, at the Prisco Community Center in Aurora, IL. At 7:30 pm

FRRL Dues

Annual dues are payable no later than the January Club Meeting each year. Persons 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 \$30.00. Repeater dues are \$20.00.

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:

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Batavia, Illinois
60510-0673

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mail@frri.org

Web Site:

<http://www.frri.org>

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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.frri.org>

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

FRRL Event Calendar

September, 2005

FRRL Board Meeting 6
 FRRL Meeting 13
 Next Gen Net 14
 VE Testing 20
 Next Gen Net 28

October, 2005

FRRL Board Meeting 4
 FRRL Meeting 11
 Next Gen Net 10
 Illinois QSO Party 16
 Next Gen Net 24

FRRL Web Site	http://www.frri.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@frri.org or via U.S. Mail. Contact the Editor for details and submission guidelines.

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

Local Area Repeaters

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.
 -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.
- Next Gen Youth Ham Net—2nd and 4th Tuesdays of each month.