

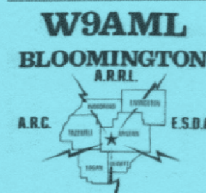
Next Meeting Wednesday Jan 22, 2014

Central Illinois Radio Club January 2014 Newsletter

Be sure to read the State Farm Equipment Loan Agreement and the Red Cross Radio Room Management program so we can quickly get them resolved at the meeting.

CENTRAL ILLINOIS RADIO CLUB

Short CIRCuits



January 2014

**January Meeting,
Wednesday the 22nd
7:00 PM at the Red Cross**

From the President

Welcome to the New Year! 2014 seems to be off to a busy start. We've already had our first blizzard and cold snap for the year. I won't say that I like the cold weather and snow, but I do admit to enjoying an afternoon or evening on the radio even more when the weather is dreadful outside. Winter in Illinois is almost enough of a reason to get a Heathkit or National boat anchor set up just to warm up a chilly shack. There's nothing like vacuum tubes to get the shack "all toasty".

Hopefully your New Year's resolutions are holding up better than CIRC's calendar dates for 2014. We're barely into the New Year and we've had to make changes already. The Club Open House day we scheduled for January 25 has been changed to **Saturday, February 22, 2014**. We'll start about 9:00 am and continue into the early afternoon. I apologize for the inconvenience, but the Red Cross folks need the space just now. By changing the date we'll have full use of the upstairs room which is better for us anyhow.

This will give you a little more time to decide what you're going to bring to the Open House. Try to think of something to bring, either something to repair, build, show off or ask a question about. The delay will also give us a chance to get the Station tidied up before our open house.

Speaking of tidying up, don't miss our big auction which will be held after our regular club meeting (7:00 pm January 22 at the Red Cross building) we will have a silent auction where you will have a chance to bid on equipment no longer needed by the club. All proceeds from the sales will go to support club activities, so bid high! If you are unable to attend, but would like to bid on an item let me know and I can enter your bid. See you on Wednesday!

See you on Wednesday!
Grant Zehr AA9LC

CIRC meeting – January 22, 2014 Agenda

1. Introductions and new members
2. Minutes of November 2013 meeting - KC9PIM
3. Treasurer's report -N9ZKS
4. Weather related & SKYWARN -KJ9P
5. Repeater Committee report -KJ9P
6. New CIRC call sign trustees -AA9LC
7. Route 66 participation update -AA9LC
8. New business
9. Adjourn
10. Program – Auction of excess equipment

IT'S A NEW YEAR

If you are reading this it means your membership is expired.

Since I am tired of sending this notice for multiple months I am only going to send this message once. Please use the attached application and submit your dues or next month there will be no newsletter sent to you. Also note that dues are now \$30 per year for a single member and \$40 per year for families (multiple members at a single address).

Thanks and 73

Your treasurer Norm N9ZKS

Minutes of the November 27, 2013 regular meeting of the Central Illinois Radio Club (CIRC)

The regularly scheduled meeting of CIRC was called to order by President, Grant Zehr (AA9LC) at 7:00 PM, November 27, 2013.

Hams present at the meeting then introduced themselves by name and call sign.

It was noted that the minutes of the regular October 2013 meeting had been published in the November Newsletter. On motion by Dennis Mills (KE9UA) and seconded by Tom Planer (KJ9P), the October 2013 regular meeting minutes were unanimously approved as amended.

Treasurer Norm Huber (N9ZKS) reported that the balance on hand was \$583.62 as of meeting date. On motion by Tom Planer, seconded by Ed Deutsch (KC9GF), the Treasurer's Report was unanimously approved.

Dennis Mills then reported on the results of the E-bay sale of certain equipment donated to the club. After E-bay, shipping and Pay-Pal fee, the net proceeds were \$506.39. Dennis will place some additional donated items for sale on E-bay. The remaining items will be made available at a local sale as determined by members.

Tom Planer then reviewed the club's successful efforts in collecting local weather information during the 11/24/13 weather event and relaying it statewide to weather officials. He encouraged members to take additional training in preparation for future weather events.

Membership then approved the appointment of Tom Planer as chair of the Repeater Committee. Tom reported on negotiations with both Normal and Bloomington on potential sites to replace the current Corn Belt repeater site.

Grant Zehr then indicated that the equipment on loan from the State Farm (SFRARC) club has been inventoried and a list of items that are of continuing use to our club. The list has been sent to members via the W9AML reflector. On motion by Tom Planer, and seconded by Dennis Mills, members unanimously directed club officers to discuss a permanent loan agreement with SFRARC. Duane Benjamin and Gary Huber (AB9M) were requested to work on the wording of such an agreement.

Following a discussion of the club station, there was a consensus that the club should consider an open house to familiarize all members with the results of recent renovations and perhaps to establish a regular schedule of operation by members.

Grant Zehr indicated there has been no response from the Route 66 event committee. He will follow up again in the near future.

Ed Deutsch proposed the club again participate in the ISU Family Science Day next April 5th. There was a consensus that the club should plan to do so.

Grant Zehr indicated that Keith Hanson (AC9S) had been temporarily appointed to fill the vacant position of Director of the CIRC Board. On motion by Tom Planer, seconded by Dennis Mills, Keith Hanson was unanimously confirmed as a member of the CIRC Board of Directors.

Keith Hanson then reminded members that the December meeting would be a social dinner event held at Jims Steakhouse on December 4th at 6:00 PM. All members and spouses are invited.

Jim Baker (WB9EDL) advanced the proposal that our website include information on times, frequency and other data on several HF nets in the surrounding counties in

addition to our current local listing of nets. There was a consensus that this expanded information should be added to our newsletter and e-mail reflector.

A discussion of the site for the 2014 Field Day was held. Keith Hanson indicated he had already reserved the Old Town Township Hall, but that the site could be changed if desired. Rick Suhadolc (N9CKL) discussed the offer by the Water Reclamation District south of Bloomington to use their facilities. It was decided that members would arrange a visit to the Water Reclamation District early next year and report back to the Club.

On motion by Rick Kempf (WD9HRU), with second by Keith Hanson, the meeting was unanimously adjourned.

Respectfully submitted,

Duane Benjamin (KC9PIM), Secretary

New Repeater and I-Gate

This from KG9DW, Michael.

I've yet to make it to a CIRC meeting, but I'm planning on making it next week!

The Heyworth 442.825+ 141.3PL repeater is now live and up on the Tate and Lyle grain elevator. The repeater antenna is at 250', with the repeater located in a pressurized room at the 189' level. The Village of Heyworth decided not to narrow-band its UHF equipment, so the repeater was donated to the volunteer fire department. The repeater is an older Kenwood unit and has been upgraded with a basic ICS controller and an rf pre-amplifier. The antenna is a commercial 8 bay DB420 with 9 dBd of gain. The repeater trustee is KG9DW, and the sponsoring organization is the Randolph Township Fire District.

I'm also working on an APRS I-gate and fill-in Digipeater thanks to a radio donation from Jay, NU0X. The system is built upon an Alinco 2m radio controlled by a kit-built TNC connected to a Raspberry Pi credit-card sized computer running linux. It's up and running on a home-brew j-pole antenna at my QTH east of Heyworth. If I'm able to coordinate internet access at the grain elevator, this system may move to the 250' level as well.

Greetings fellow Allstarlink members,

Since this subject kind of came up regarding one of the 4 allstarlink.org registration servers being down I thought it would be a good time to remind everyone that all of this technology we enjoy as Allstarlink node owners does not just happen without cost. As John pointed out in his previous email there are over 3000 Allstarlink nodes now registered.

This is certainly a milestone accomplishment and a testament to Jim's (WB6NIL) dedication to this project.

Once again I am re posting this email which is very similar to last year with the hopes that we as the amateur community can step forward and support our hobby, mainly the app_rpt and Allstarlink.org technology that we all enjoy today.

As many of you that are new to app_rpt you might NOT know. The creator of app_rpt and the Allstarlink network has never charged or asked for financial support to keep the system going for the use in amateur radio.

He has never charged users money to be a part of app_rpt or for use of the network, nor has he ever made any profit off of specific hardware sales for the Allstarlink network. Through the years he has put in a great deal of time and dedication along with his exceptional talents to make app_rpt and the Allstarlink network the great VOIP technology that it has become today. No other VOIP technology in the amateur radio community can even compare to the technology, features and capability that is offered for free to anyone wishing to setup a node.

Another understated fact is that there are monthly costs associated with keeping things running smoothly for the system. These costs are for server collocation, domain certifications and so on, amounting to roughly \$200 per month. Jim has been paying these monthly fees from donations, but mostly out of his own pocket. Wouldn't it be nice if we could all pitch in and help him to at the least cover these monthly costs for this coming year?

I am proposing that we all donate to this cause via PayPal at the following URL.

<https://allstarlink.org/>

At the top of this webpage just slightly down there is a PayPal donate button.

In the spirit and season of giving, lets all try and help out with the financial side, so we can continue to use and enjoy this great technology that we have all come to know and love!

**** HAM RADIO AND THE NEW HANDS
FREE LAW ****

This was suggested that you might want to copy this and put it in your car. Use your own judgment on that. Some police officers might not appreciate that...

(Note: underlined sections are per State of IL webpage - I highlighted section (d) and (d) (8) for your reference)

Section 5. The Illinois Vehicle Code is amended by changing

Section 12-610.2 as follows:

(625 ILCS 5/12-610.2)

Sec. 12-610.2. Electronic communication devices.

(a) As used in this Section:

"Electronic communication device" means an electronic device, including but not limited to a hand-held wireless telephone, hand-held personal digital assistant, or a portable or mobile computer but does not include a global positioning system or navigation system or a device that is physically or electronically integrated into the motor vehicle.

(b) A person may not operate a motor vehicle on a roadway while using an electronic communication device.

(c) A second or subsequent violation of this Section is an offense against traffic regulations governing the movement of vehicles. A person who violates this Section shall be fined a maximum of \$75 for a first offense, \$100 for a second offense, \$125 for a third offense, and \$150 for a fourth or subsequent offense.

(d) This Section does not apply to:

(1) a law enforcement officer or operator of an emergency vehicle while performing his or her official duties;

(2) a driver using an electronic communication device for the sole purpose of reporting an emergency situation and continued communication with emergency personnel during the emergency situation;

(3) a driver using an electronic communication device in hands-free or voice-operated mode, which may include the use of a headset;

(4) a driver of a commercial motor vehicle reading a message displayed on a permanently installed communication device designed for a commercial motor vehicle with a screen that does not exceed 10 inches tall by 10 inches wide in size;

(5) a driver using an electronic communication device while parked on the shoulder of a roadway; or

(6) a driver using an electronic communication device when the vehicle is stopped due to normal traffic being obstructed and the driver has the motor vehicle transmission in neutral or park;

(7) a driver using two-way or citizens band radio services;

(8) a driver using two-way mobile radio transmitters or receivers for licensees of the Federal Communications Commission in the amateur radio service;

(9) a driver using an electronic communication device by pressing a single button to initiate or terminate a voice communication; or

(10) a driver using an electronic communication device capable of performing multiple functions, other than a hand-held wireless telephone or hand-held personal digital assistant (for example, a fleet management system, dispatching device, citizens band radio, or music player) for a purpose that is not otherwise prohibited by this Section.

(Source: P.A. 96-130, eff. 1-1-10; 96-1000, eff. 7-2-10; 97-828, eff. 7-20-12.)

Effective Date: 1/1/2014

American Red Cross CIRC Radio Room Management

Please read carefully. This will be brought up for discussion at the meeting so as to let us finalize this project.

A lot of work has gone into getting the Radio Room to the useable state it is now in.

There is a substantial amount of valuable equipment in this room which will be available to all qualified CIRC members.

Therefore, it stands to reason, the use of the room and its contents shall be managed, with the preservation of the effort made to build it and the preservation of the equipment located in it.

To do that, I am suggesting that the room access be limited.

The first order of business shall be the appointment of an Assistant Radio Room Manager.

The Radio Room Manager and the Assistant Radio Room Manager shall be available to provide scheduled access to the room and the contents.

The Radio Room Manager and the Assistant Radio Room Manager shall be the only two persons having the necessary key to provide scheduled access to the room and the contents.

Minimum requirements shall be necessary for use of the radio equipment and the test equipment.

In addition to scheduled access for radio use, a minimum of a General Class License shall be required. That shall include operation of HF, UHF, and VHF radios.

The use of the radios shall require demonstrated ability to use the radios. That shall include a required training period.

The first training held will be a "Training the Trainers" program. We have already had members step forward to first train the Radio Room Manager and the Assistant Radio Room Manager, who shall also then be available to train individual members in the use of the equipment.

Before the initial radio training starts a trainee shall demonstrate and be questioned on their knowledge base.

This does not mean that the radio access and training are now immediately available.

Procedure manuals shall be produced for all of the above and other issues involving use of test equipment, borrowing, responsibility and security of the building and it's contents.

Tom KJ9P

A "Ham Fest" at Bloomington

BLOOMINGTON, Ill.: The following excerpt from a letter from the Secretary of the Central Illinois Radio Club tells of a "ham fest" to be held at about the time this magazine comes on the newsstands: "Our organization numbers around 40 members, all of which reside within a radius of 25 miles and all of which operate amateur short-wave stations. We will be organized two years on the date of this anniversary "ham fest," August 5th, and this is the first affair of this kind we have ever put on. While our "ham fest" is not being sponsored by the American Radio Relay League, they have heartily approved of it as a good method of establishing good fellowship among the amateurs in this vicinity.

"Without good radio magazines to guide their steps amateur radio enthusiasts would still be 'in the dark.' When you step into the operating room of any amateur, the first thing you notice is his equipment, and the second, his technical library. In the latter in most every case, you will see

copies of RADIO NEWS. We amateurs have appreciated all you have done for us. Since short-wave interest has replaced the broadcast-receiver interest of earlier days, it is to the amateurs, who carry on their experiments on these bands, that you must look forward to to buy and read RADIO NEWS. I speak from my own experience. I followed the trend to those fascinating high-frequency bands and am happy to say that RADIO NEWS was my guide." J. A. Umstattd, W9CFV, Secretary.

From Radio News September 1934

**Here is the current DRAFT of the State Farm
Equipment Loan Agreement
Please read and bring any suggestions to the meeting.**

This agreement is between the State Farm Retirees And Associates Radio Club (SFRAARC) of Bloomington, Illinois and the Central Illinois Radio Club (CIRC) of Bloomington, Illinois.

Whereas:

- The SFRAARC owns certain amateur radio equipment, as listed in Exhibit A to this agreement, that it does not currently use;
- That SFRAARC would like to have that unused equipment placed in service for the public good and enjoyment and in furtherance of the amateur radio hobby;

Further:

- The CIRC desires to use the radio equipment listed in Exhibit A to further its service to the public good and enjoyment and in furtherance of the amateur radio hobby.

Therefore:

- For the sum of one dollar and other good and valuable consideration to be paid by CIRC to SFRAARC, receipt of which is hereby acknowledged, SFRAARC hereby loans the equipment in Schedule A to CIRC for a period of time commencing with the signing of this Agreement and ending when either of the following conditions exist.
 - (1) SFRAARC determines all or part of the equipment in Schedule A is needed by SFRAARC for its own use, or
 - (2) CIRC determines that all or part of the equipment in Schedule A is no longer needed by CIRC for its own use.
- At such time, CIRC shall return all of, or individual specified items, on Schedule A to SFRAARC within a reasonable length of time and in the same condition as originally accepted, normal wear and tear excepted. Return of part of schedule A to SFRAARC shall end this agreement only with respect to returned items and Schedule A shall be amended accordingly.
- CIRC agrees to insure those items of equipment in Schedule A, for the perils common to an all risk Property or Inland Marine policy, during the time they are in CIRC's possession. Such insurance shall be for the benefit of both CIRC and SFRAARC.

This Agreement, executed in duplicate, is accepted by the following officers of the parties on the dates indicated.

For SFRAARC

_____ Officers Signature	_____ Title	_____ Date
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For CIRC

_____ Officers Signature	_____ Title	_____ Date
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Attachment: Schedule A

-Nets in the Area

Mon thru Sat	9:00 A.M. CT	14.2475 (HF) Displaced Peorians
Tuesday	9:00 P.M. 146.255	(103.5 PL) Woodford County
Tuesday	7:15 P.M. 146.910	Tazwell County ESDA Net
Tuesday	8:00 P.M.	146.790 (103.5 PL) McLean County ARES/Skywarn Net
Tuesday	8:30 P.M. 28.450	CIRC Open 10 meter Net
Tuesday	9:00 P.M. 146.940	(103.5 PL) CIRC Open Net
Wednesday	9:00 P.M. 147.060	Open Net Has Newline
Wednesday	9:00 P.M. 442.250	103.5 PL ARES Open Net
Varies	147.100 103.5 PL	<i>Sometimes</i> Trader's Net follows ARES Net held on 442.250
Thursday	7:00 P.M. 50.135	Open 6 meter Net
Thursday	9:00 P.M. 146.760	(162.2 PL) Open Net with Newline
Thursday	9:00 P.M. 146.850	(103.5 PL) Open Net Peoria
Sunday	08:15 A.M.	1.915 Open 160 meter AM net
Sunday	7:00 P.M. 146.985	Clinton ARC net
Sunday	8:30 P.M. 147.075	Open Net with Newline
Sunday	8:30 P.M. 146.730	123.0 PL Open Net

(Please help me keep this list correct. I know it may not be up to date at this time. **Recent changes** Norm N9ZKS)

Regular Calendar of Events

Daily Coffee Klatch Monday thru Friday

.....9:00 a.m. at Dairy Queen Veterans at Cub's

.....XYL's Join the OM's Monday and Friday

Weekly ARIS/SKYWARN Net

Every Tuesday evening on the 146.790 repeater at 8:00 p.m.

Weekly 10 Meter Net

Every Tuesday evening at 28.450 mHz- at 8:30 p.m.

Weekly 2 Meter Net

Every Tuesday evening on the 146.940-repeater at 9:00 p.m.

Weekly 6 Meter Net

Every Thursday evening at 50.135 mHz at 7:00 P.M.

Weekly 160 Meter AM Net NOTE FREQUENCY

Every Sunday morning at 1.915 mHz at 8:15 A.M.

CIRC Meeting

Fourth Wednesdays of the month at 7:00 p.m. at the Red Cross building in Bloomington (Just north of the airport)

AREA EXAM DATES

W5YI-VEC Amateur Radio exams are held in Bloomington at the Community Room of the Bloomington Public Library located at the intersection of E. Olive St. and S. East ST. Entrance off of S. East St.

This is a CHANGE of LOCATION.

Setup is from Noon to 1:00 normally. Exams begin at 1:00 P.M.. Questions may be directed to Keith Hanson via email preferably ac9s@mchsi.com or (309) 378-4416

Please bring two forms of identification. You must have a Social Security Number. We cannot administer a test without your SSN. You will need a copy of your Current license plus any CSCE you want to apply.

The test dates for 2014 are the following Saturdays:

3/15 - Bloomington Public Library

5/03 - Bloomington Public Library

7/19 - Unknown - the library if I can get it. Date may change if needed to obtain the library.

11/08 - Unknown - the library if I can get it. "

Exams' in Morton are held at the Morton Public Library, 315 West Pershing at 12:00 Noon the third Saturday of even numbered months or as noted. Feb 15, Apr 19, Jun 21, Aug 16, Sep 20(Superfest), Oct 18, and Dec20
Contact Bob Bush at tigrbob@gmail.com for more info.

Central Illinois Area Repeaters

Freq	Callsign	Location	PL
144.390	N9PE-2	Bloomington APRS	Digipeater
145.390	N9EZJ	Lincoln WX RACES	103.5
146.730	K9HGX	Decatur(Echolink)	123.0
146.790	WD9HRU	McLEAN CO ARES	103.5 Anti PL on 107.2
146.850	K9PEO	PAARC	103.5
146.940	W9AML	CIRC Club - ARES Back Up	103.5 CTCSS
146.985	KA9YPK	Clinton	
147.015	NX9M	Normal ARES Alt.	88.5 (open*)
147.075	W9UVI	Washington	103.5 CTCSS
147.105	WA9RTI	Decatur	103.5
147.150	WD9FTV	Bloomington	103.5
147.345	K9ZM	Lincoln ESDA	103.5
147.390	WB9DUC	Pontiac FARA	127.3
442.250	WA9RTI	Decatur (ARES)	103.5
442.700	WB9UUS	Normal	107.2
443.800	K9HGX	CENOIS ARC	123.0
444.175	K9MCA	Decatur	100.0

* Repeater is currently in open mode with pl for those with QRM

Central Illinois Radio Club
P.O. Box 993
Bloomington, IL 61702-0993

<http://www.qsl.net/w9aml/>

President: Grant Zehr (AA9LC)

Vice-President: Earl Shaffer (WB9UWA)

Secretary: Duane Benjamin (KC9PIM)

Treasurer: Norm Huber (N9ZKS)

Newsletter Editor: Norman Huber

The CIRC is a not-for-profit ARRL special service club whose purpose is to advance the service of Amateur Radio. Located in Central Illinois, CIRC and its members welcome all to use the 146.94 repeater and to attend club meetings.

Submissions for the newsletter should be received by the 15th of the month and may be snail or e-mailed to the editor at:

Norm Huber
19266 US Highway 150
Bloomington, IL 61705-5855

e-mail n9zks@frontier.com

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WEB PAGE <http://www.qsl.net/w9aml/>

Central Illinois Radio Club Membership Application

(NOTE NEW DUES Payment by check appreciated.)

Date: ____/____/____

Membership dues are **\$30** per person or **\$40** per family (multiple members at one address). You do not need to be a licensed amateur radio operator to join CIRC.

**** Required information.....**

****NAME:** _____ CALL: _____ Lic.Class _____
First M Last

Additional Memb. NAME: _____ CALL: _____ Lic.Class _____

****ADDRESS:** _____
Street / RR etc.

****CITY:** _____ ****STATE** _____ **** ZIP:** _____

****E-Mail** _____

Home Phone (____) ____--____ Work (____) ____--____

ATTENTION Snow Birds! Please list alternate address and when to use it.

ADDRESS: _____ CITY: _____ STATE: ____ ZIP: _____

FROM: ____/____/____ TO: ____/____/____

Demographic Information: Parts of hobby you are active in?

- Are you a member of other Central IL Clubs? _____
- If so, which ones? _____
- Are you a member of any of the following: ARRL ____ McLean County ESDA ____
- Local ARES ____ Other ARES Group _____ American Red Cross Chapter _____

WHAT ARE YOUR SPECIFIC INTERESTS WITHIN THE HOBBY?

- | | | |
|---|---|---|
| <input type="checkbox"/> HF | <input type="checkbox"/> ATV | <input type="checkbox"/> Construction |
| <input type="checkbox"/> VHF/UHF | <input type="checkbox"/> Packet Radio | <input type="checkbox"/> Youth Activities |
| <input type="checkbox"/> QRP | <input type="checkbox"/> Satellite Communications | <input type="checkbox"/> EchoLink |
| <input type="checkbox"/> Emergency Communications | <input type="checkbox"/> Public Service Events | <input type="checkbox"/> Other: _____ |
| <input type="checkbox"/> Fox Hunting | <input type="checkbox"/> Contesting | _____ |

What would you like to do at meetings? _____

What activities do you think the club should participate in or sponsor? _____

You can turn in your membership application at club meetings (4th Wednesday of the month 7:00 PM, at the Red Cross building in Bloomington, One Westport Court) or mail it and a check payable to the Central Illinois Radio Club to:

Office Use: Access # _____

Central Illinois Radio Club
P. O. Box 993
Bloomington, IL 61702-0993

Revised 10/21/2012