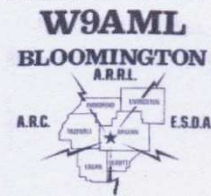


CENTRAL ILLINOIS RADIO CLUB

Short CIRCuits



January 2010

Dues Due

Membership expires December 31. A membership application is included in this issue because I HAVE NO RECORD OF YOUR DUES PAYMENT If you did pay your dues please contact me so I can determine what went wrong. Please fill out the information to insure I have ACCURATE information in the data base. Thank You - Your Treasurer, Norm, N9ZKS

From the President

**January Meeting,
Wednesday the 27th
7:00 PM at the Red Cross
on Eastport Ct.**

This month's meeting will be the night we plan for the Cherry Pie Night. The Cherry Pie Night will be at the February meeting.

It is important for our club to have some new ideas. One way to do that is to bring new members in. I will bring a short list of hams in Bloomington/Normal and pass it around. Pick someone (or more) from the list to personally invite to our February meeting for an evening of getting to know some of our members and share in a desert or two. We will have some club apps there for people to sign up or to take with them. The list is far from complete; there are just too many to list. If you want to pick more hams from www.QRZ.com, log on and search by Zip or town. I think if everyone just invites one person we will have succeeded. Sometimes it only takes a simple invitation.

This month's program will feature be Tom Berry, W9TMB, from Caterpillar. He will give an interesting presentation on Wheatstone bridges and how strain is measured with the Wheatstone bridge.

What have you been doing on the air? Something significant? Something notable? We would like to hear about it at the meeting this Wednesday.

Have you built anything lately or modified anything. It doesn't have to be lately. Bring your project to the meeting and we will have a show-and-tell during the meeting. This has been an interesting part of the meeting for the last few months.

If you haven't been coming to the meetings come and join in on the fun of getting together with fellow hams; people with the same interests as you. I hope to see all of you at the meeting.

73's

Ed, KC9GF
Cell: 826-3338
KC9GF@yahoo.com

Election Time

The elections were held at the Holiday Dinner party. The current slate of officers was re-elected for another year. Please give them all your congratulations and support.

2010 VEC Test Dates

Please note the location change. We will now test at the: Red Cross Building - Route 9 East - Basement

1:00pm
On the following Saturdays:

1/16
3/13
5/08
7/17
11/13

Thanks --

Keith

No December Meeting Minutes due to "What happens at the Christmas Party stays at the Party".

FOR SALE

McLean County ARES Group Net Control Operator's Jan – March 2010

January

Jan 5th Ron KB9FPY
Jan 12th Andy K9EMA
Jan 19th Larry KB9NPH
Jan 26 Rick WD9HRU

February

Feb 2nd Ron KB9FPY
Feb 9th Andy K9EMA
Feb 16th Larry KB9NPH
Feb 23rd Rick WD9HRU

March

March 2nd Ron KB9FPY
March 9th Andy K9EMA
March 16th Larry KB9NPH
March 23rd
March 30th Rick WD9HRU

The net is every Tuesday Night at 8 PM (2000 Hrs) on the 146.790 Repeater

2 GE 4ex8k11 master pro test set
1 GE 4ex12a10 test adapter
1 Motorola tube tester
1 GE SLN 6221a tone generator
1 EICO 950b impedance bridge
1 Astron VS-35m linear power supply
1 Nye Viking MB2 tuner/wave length changer
1 Ma Graw Edison 920 deviation oscillator
1 BK precision 1400 range sweep
1 Bird Watt meter 43 with 5 load cells
1 Bird Watt meter Load dummy
1 Bird Meter
1 Cromco CEC-10 universal audio generator
1 Wahl micro soldering gun and assorted tips
1 Foot controlled soldering station
1 Motorola s1051b AC volt meter
1 GE AC amp/AC volt pair
1 Heath kit IM-21 Volts meter
1 Philco Dynamic tester 7030
Various tubes from
GE,RCA,National and Sylvania

Contact Bob Dudgeon 309-530-8222

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 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	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
Thursday	9:00 P.M.	146.895	North central IL Traders
Net			
Sunday	08:15 A.M.	1.815	Open 160 meter AM net
Sunday	7:00 P.M.	146.985	Clinton ARC net (NEW)
Sunday	8:30 P.M.	147.075	Open Net with Newline
Sunday	9:00 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. Norm N9ZKS)

Calendar of Events

Sun	Mon	Tue	Wed	Thu	Fri	Sat

Daily Coffee Klatch Monday thru Friday
9:00 a.m. at Dairy Queen College Hills

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.

10/10 Breakfast
 First Saturday of every month at 8 a.m. in the IHOP in the Lowes lot near the Red Cross on Rt. 9.

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

KC9LYU Echolink Update

The Frequency Is now set to 146.410 Simplex - NO PL
To Connect To Node By Node Number - Dial (DTMF Commands) its Node number
To Reconnect Last Station Dial *69
To Connect To Random US Repeater Dial 011 - The 011 command takes just a minute to connect.
To Connect To Random Link Or Repeater Dial 01
To Disconnect Dial #

Central Illinois Area Repeaters

Freq	Callsign	Location	PL
145.390	N9EZJ	Lincoln	103.5
146.730	K9HGX	Decatur(Echolink)	123.0
146.790	WD9HRU	Bloomington	
146.850	W9UVI	Peoria	
146.940	W9AML	Bloomington	103.5 CTCSS
146.985	KA9YPK	Clinton	
147.015	NX9M	Normal	88.5 (open*)
147.075	W9UVI	Washington	103.5 CTCSS
147.105	WA9RTI	Decatur	103.5
147.150	WD9FTV	Bloomington	
147.345	K9ZM	Lincoln	103.5
147.390	WB9DUC	Pontiac	127.3
442.250	WA9RTI	Decatur	103.5
442.700	WB9UUS	Normal	107.2 (open**)
443.800	K9HGX	Decatur (ARES)r	123.0
444.175	K9MCA	Decatur	100.0

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

** Repeater RX with tight carrier squelch and loose tone squelch (107.2)

Central Illinois Radio Club

P.O. Box 993
 Bloomington, IL 61702-0993

<http://www.qsl.net/w9am/>

President: Ed Deutsch KC9GF
 (309) 828-2227

Vice President: *Jim Shaffer*

Secretary: Mike Sallee, KC9FWL

Treasurer: Norm Huber N9ZKS
 (309) 378-4674

Newsletter Editor: Norman Huber, n9zks@verizon.net
 (309)-378-4674

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 must be received by the 10th 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@verizon.net

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How Do They Do That? Testing the Emergency Broadcast System

Key Points

The Emergency Broadcasting System (EBS) is regulated by The Federal Communications Commission (FCC), Federal Emergency Management Agency (FEMA), and The National Weather Service (NWS).

The testing noise is derived from two different frequencies combined.

The EBS is used almost entirely for weather-related emergencies.

Its origins trace back to The Cuban Missile Crisis, during The Cold War. President Kennedy felt that there should be a way to notify the American people of a nuclear attack, thus the EBS was established in 1963. This system was subsequently used to notify school children to 'duck and cover' and Americans to seek safety in fallout shelters.

In the mid-1970s the system was converted for use at the local and state levels for emergencies. Since that time, 20,000 emergency alerts have gone out. The majority are weather related (85%). The EBS is unique because it combines two different frequencies simultaneously; 853 Hz and 960 Hz to create a pitch extremely offensive to the human ear. These frequencies are played by broadcasters of both digital and analog television and radio.

The FCC (Federal Communications Commission) along with The Federal Emergency Management Agency (FEMA) and the National Oceanic and Atmospheric Administration's National Weather Service (NWS) regulate the system on a national level.

Surprisingly, television and radio stations have the choice to send out the Emergency Alert System (EAS) messages or not. In order to opt out of the EAS, the station must receive authorization from The FCC. Participating National (PN) stations are required to test the EBS weekly and monthly. Currently, on even months of the year, it is tested once a week at random from 8:30 AM to sunset. On odd months of the year, it is tested once a week at random from sunset to 8:30 AM.

Additionally, this system is mandated for testing by former President George W. Bush through Executive Order 13407 under The Department of Homeland Security. PN stations are responsible for making sure the test is transmitted to the general public. Each station is given a scheduled time that they should be receiving an emergency testing signal. In the event that they receive no signal, they must address the problem immediately.

In March 2009, The FCC released a public notice that EBS testing would be used to prepare for, "tornadoes, tsunamis, and other natural weather-related emergencies." After events like Hurricane Katrina, the major focus of testing the EBS is focused on preparedness. The goal is to ensure that Americans know how to respond to emergencies, and prevent unnecessary harm. Though it may seem that EBS testing is an agitating rainbow noise emanating from the television—think again. It may save your life.

This information was taken from Nicor's ENERGY NEWS.

Nicor's ENERGY NEWS has been prepared solely for the purpose of providing helpful information to users of this service. The information has been compiled by Tech Resources, a contractor to Nicor; however, no representation is made by either Tech Resources or Nicor as to the completeness or accuracy of the information contained therein. In particular, some information may be incomplete, may contain errors or may be out of date. In addition, neither Tech Resources nor Nicor endorses any product or service mentioned therein.

Central Illinois Radio Club Membership Application

Date: ____/____/____

Membership dues are **\$15** per person or **\$20** 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: _____
Last First M

Additional Memb. NAME: _____ CALL: _____

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

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

****E-Mail** _____ **LICENSE CLASS:** _____

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

