

VCARA

CONNECTION

Vermilion County Amateur Radio Association



July 2010



Field Day 2010



Join us at
VCARA Club House
Woodbury Hill
Danville, IL
July 12, 2010



2009/2010 Officers

President:

Josh Kittle N9WEW
josh@kittle.com

Vice President:

Jim Walker KB9LLH
mamapapa506@sbcglobal.net

Secretary:

Tom Mills NU9R
kg4dqj@yahoo.com

Treasurer:

Bill McNew N9RI
n9riv@sbcglobal.net

Past President:

Kathy Tucker KD5GPR
gkt6399@aol.com

Trustee:

Don Russell WA9EIC
wa9eic@gmail.com

Connection Editor

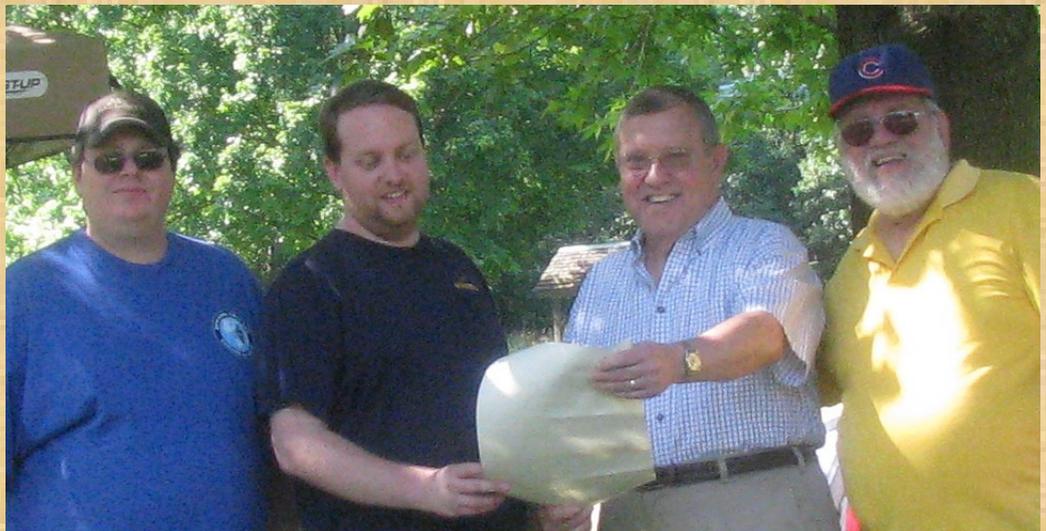
Tuck Miller, NF9T
nf9t@arrl.org



City and State Proclamations



L-R ARES EC Jim Kiser KB9AZA, Danville Mayor Scott Eisenhour, Club President Josh Kittle N9WEW, Tuck Miller NF9T



L-R ARES EC Jim Kiser KB9AZA, Club President Josh Kittle N9WEW, Illinois State Representative Bill Black, and Tuck Miller NF9T

VCARA CONNECTION

The Vermilion County Amateur Radio Association (VCARA), a group of Amateur Radio operators, interested and active in the service of the Amateur Radio service, publish a monthly newsletter, where members and officers can post information of interest to other members.

Our policy is to print and/or post only information that is related to Amateur Radio, and not items of a political or religious nature, unless it has an impact on Amateur Radio, such as antenna ordinances, etc.

If a member wishes to have printed a topic that is not Amateur Radio related, they can submit a copy to the club newsletter editor, any club officer, and the matter will be discussed and decided upon by the Board of Directors.

No PERSONAL attacks will be allowed.

Submissions are due on the last Friday of each month!!



From Don WA9EIC

I am compiling a collection of radio manuals and associated information (like power supplies and antennas etc.) If anyone has any requests for additions to my collection, please notify me and I will add it . If You need any rig info I might have it or can get it for You.

Don wa9eic@gmail.com

May Meeting
Monday July 12, 2010 7PM
VCARA Club House
Woodbury Hill
Danville, Il



For Sale!!!!

Radio Shack 2M FM radio (Unknown model)
Clegg 22ER 2M AM with a clegg mike

Contact Dave Cline for more info at kb9zmf@gmail.com

Your help is needed!!

The newsletter received a few contributions this month, and we thank you!! The more articles we receive, the better for the newsletter and for you, the reader!!

I would love to see people who can write an article each month..maybe on constructing small indoor antennas for 2 meters, making your own antennas for not only VHF frequencies, but HF frequencies as well. Maybe step by step directions on installing connectors. Believe it or not, there are probably some newbies who might not know.

Send me articles in Word or text only, or make the pdf files a jpg file.

I can not convert pdf files back to text. Sorry.

Help out your newsletter!!! Deadline is the last Friday of every month!! 73.

Amateur Radio.....

.....Not just a hobby, but a REAL service.

Radioactive!! Nets to you.....

Monday ICARC 8:00 147.030 dup+ pl tone 103.5
Wed. Night Net 7:30 146.820 pl 88.5
Fridays: 73's Late Night Net 9:00 pm 146.820 pl 88.5

VCARA QSO Party Every Saturday Morning!! 9:00 am - 11:00 am

VCARA Club House - Woodbury Hill

A weekly get together for fellowship and to work on various club projects. Continued planning for upgrades to the club house facility. All are welcome, your help is appreciated.



**NU9R's
Field Day Ham Shack**

Dust off those ten meter mono band rigs and hook up those vertical antennas.

Ten meters has been opening up again, along with six meters.

I worked a guy in Portland, Oregon the other day with just my vertical at 30 feet and the Icom running barefoot at around 100 watts pep.

They have been opening up throughout the day and into the late evening. On ten meters, most of the activity is in the tech portion and the activity on six has mostly been between 50.125 and 50.3 mhz usb. Some nbfm and some cw but mostly ssb.

Have fun, I am.
73 DE Don WA9EIC

From the desk of W9JUG



Antenna Tuners

Antenna tuners come in all looks and sizes. Most of the more modern radios have internal tuners that can be activated by simply pressing a button. The name tuner is really a misnomer, because they really don't tune your antenna. SWR is a function of the feed point impedance. If the SWR on your antenna is 4:1 using a tuner doesn't change this mismatch at the feed point. What actually happens is that it provides a 50-OHM impedance for the final RF stage to work into when adjusted properly.

One advantage in using a tuner with a rather high SWR is that the final stage will tend to rollback power when it sees this mismatch. The tuner prevents this by making the final see 50 Ohms. You might say it fakes the radio into believing that it is seeing an ideal antenna.

This is a question that is asked often on ham radio examinations.

Where is the best place to connect you antenna tuner? The best answer is at the feed point. Next month we will take a look at placing a tuner at the feed point and see what happens.



STATE OF ILLINOIS

EXECUTIVE DEPARTMENT

Proclamation

WHEREAS, amateur radio operators are celebrating over a century of the miracle of the human voice broadcast over the airwaves; and,

WHEREAS, the Federal Communications Commission (FCC) defines the Amateur Radio Service as a voluntary, noncommercial, communication service used by persons interested in radio technique as a hobby and not for reasons of financial gain; and,

WHEREAS, amateur radio has continued to provide a bridge between peoples, societies and countries by creating friendships and facilitating the sharing of ideas; and,

WHEREAS, amateur radio operators, also known as ham radio operators, use radio technology mostly as a form of personal enjoyment, however, amateur radio is also a vital asset in the field of emergency communications and has been formally recognized by a number of national relief organizations; and,

WHEREAS, amateur radio operators have provided countless hours of community service over the years without any thought of compensation; and,

WHEREAS, during natural disasters, telephone and cell phone systems are often disrupted, creating a need for amateur radio operators to step in and coordinate communication efforts with disaster relief teams; and,

WHEREAS, amateur radio operators have played a significant role in aiding relief workers in national emergencies, including the Oklahoma City Bombing in April 1995, the terrorist attacks on September 11, 2001, the Hurricanes Katrina and Rita, and the tornadoes that ravaged Illinois communities in April 2004 and March 2006; and,

WHEREAS, in addition to providing their services to emergency response organizations, amateur radio operators also serve as weather spotters in the Skywarn program of the U.S. Government Weather Bureau, as well as provide free radio communications for local parades, bike- and walk-a-thons, fairs, and other charitable public events; and,

WHEREAS, the American Radio Relay League (ARRL), a not-for-profit organization, is the largest organization of radio amateurs in the United States with more than 155,000 members; and,

WHEREAS, this year on June 26-27 the ARRL Amateur Radio Field Days exercise will be held to demonstrate radio amateurs' skills and readiness to provide self supporting communications even in fields without further infrastructure;

THEREFORE, I, Pat Quinn, Governor of the State of Illinois, do hereby proclaim June 20-27, 2010 as **AMATEUR RADIO WEEK** in Illinois, and encourage all citizens to recognize the services this state's amateur radio operators provide in keeping our communities safe.

In Witness Whereof, I have hereunto set my hand and caused the Great Seal of the State of Illinois to be affixed.



Done at the Capitol, in the City of Springfield,
this SEVENTEENTH day of JUNE, in
the Year of Our Lord two thousand and
TEN, and of the State of Illinois
the one hundred and NINETY-SECOND

Osse White

SECRETARY OF STATE

Pat Quinn

GOVERNOR

City of Danville Proclamation

Office of the Mayor

Scott Eisenhauer

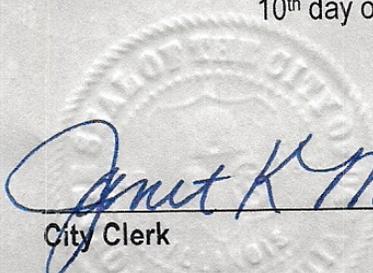
- WHEREAS,** Amateur Radio operators are celebrating over a century of the miracle of the human voice broadcast over the airwaves; and
- WHEREAS,** Amateur Radio has continued to provide a bridge between peoples, societies and countries by creating friendships and the sharing of ideas; and
- WHEREAS,** Amateur Radio Operators have also provided countless hours of community services throughout these decades; and
- WHEREAS,** these Amateur Radio's services are provided wholly uncompensated; and
- WHEREAS,** the State also recognizes the services Amateur Radio's people also provide to our many Emergency Response organizations, including Vermilion County and the City of Danville; and
- WHEREAS,** these same individuals have further demonstrated their value in public assistance by providing free radio communications for local parades, bike-a-thons, walk-a-thons, fairs and other charitable public events; and
- WHEREAS,** the City of Danville, IL recognizes and appreciates the diligence of these "hams" who also serve as weather spotters in the Skywarn program of the US Government Weather Bureau; and
- WHEREAS,** Amateur Radio once again proved its undisputed relevance in the modern world in 2005 by providing emergency communications when other systems failed in the devastation of Hurricanes Katrina and Rita in the USA and in the Tsunami catastrophe overseas; and
- WHEREAS,** the ARRL is the leading organization for Amateur Radio in the USA; and
- WHEREAS,** the ARRL Amateur Radio Field Day exercise will take place on June 26-27, 2010 and is a 24-hour emergency preparedness exercise and demonstration of the Radio Amateurs' skills and readiness to provide self-supporting communications without further infrastructure being required.

NOW, THEREFORE, I, Scott Eisenhauer, Mayor of the City of Danville, do hereby proclaim June 20-27, 2010 as

"AMATEUR RADIO WEEK"

in Danville and call upon all citizens to join me in recognizing and commending the efforts of the Amateur Radio Operators.

IN WITNESS WHEREOF, I have hereunto set my hand and caused the seal of the City of Danville to be affixed this 10th day of June, 2010.


Annet K. Myers
City Clerk

Scott Eisenhauer
MAYOR