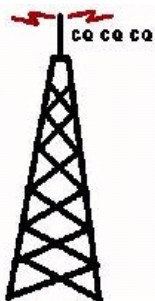


HIDDEN VALLEYS AMATUER RADIO CLUB OF SOUTHWEST WISCONSIN

## President's Comments

Scott N9HDE has had to cancel doing his program on contesting in April. He will now be our program in August. So I am proclaiming as an emergency backup program, a time of "Show & Tell." So think about one of your favorite projects or activity as a ham that you would like to share with our club membership.



Also I'd like to promote a club QSL exchange. Bring some of yours and get that rare one from "Big Patch, Ellenboro, Hurricane or Livingston and Mifflin."

Let's get to know each other better and also open it up to interests we have besides amateur radio. Show the membership a few pictures of your trips or something you knitted. Maybe you run in the Senior Olympics and can show us a few trophies. If no one brings anything we can have a real good rag chew.

The following is a list of members that have paid their dues for 2016:

Kent Scheuerell – Scott Scheuerell – Roy Shaver – John Webb – Colin Wheatley – Hap Daus – Alvin Bontreger – Dalton Herriman --Dennis Morgan – Dustin Westaby – Brad Holcomb – Allison Malenfant – Mark Krolick – Scott Onson -- Paul DeWitte – Peg Haese – Ron & Sally Neiman – Dave Cook – Randy & Dee Stojan

Next month I hope we can add more names to this list of paid up members. Be sure to send your dues to Randy as soon as possible. A reminder that the club's P.O. Box # is 620, Platteville, WI 53818.

If you missed our speaker on March 8, you missed a good one. Dr. Katie Rabidoux of the UW-P Engineering Department is a radio astronomer. We are still looking for programs for October and November.

The Wisconsin QSO Party is over and we are waiting for results. Our club once again was quite active.

Hope to see all of you at the meeting this Tuesday, April 12, at 7:00 PM.

Kent K9ZMU - HVARC President



# Club Calendar

April 12: Show & Tell

April 18: Skywarn Spotter Training in Lancaster, WI at Lancaster High School, 6:30pm

May 10: Todd Shea of the LaCrosse weather bureau will talk about advanced weather spotting techniques. He will show how to interpret information on the National Weather Service web site, and mention other topics not covered at the usual Skywarn presentations.

June 14: Hap Daus BGA will talk on our club's cooperation with local hospitals. He will give us a tour showing us where our station would be set up during an emergency situation.

July 12: Club Picnic at the Jamison & Mining Museum. After the meal we will be shown Plattevillian Louie Eversoll's old tube ham radio station and its log books, etc.

August 8: Scott Scheuerell N9HDE will do a presentation on contesting, how it works, and the best way to go about participating in the various on-air contests that are held every year.

Sept 13: Kent K9ZMU on the history of ham radio in the tri-state area

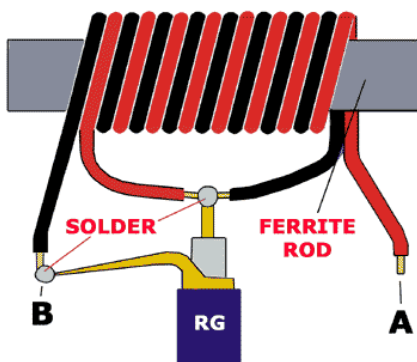
Oct 11:

Nov 8: Club elections

Dec (Date to be determined): Christmas Party

## Baluns : What They Do And How They Do It

By Roy W. Lewallen W7EL



I've always been a bit bothered by baluns since I was never sure what they are supposed to do let alone how they might go about doing it.

The majority of articles deal with various ways of building and testing baluns, or the advantages of one type over another, but almost never a word about when or why a balun is necessary if at all. Like most amateurs, there have been few occasions when I have been able to tell if a balun has any effect on an antenna system, and when it has, the effect hasn't always been good!

The turning point came when I was trying to measure the resonant frequency of a folded dipole through a one-wavelength coaxial line. The bridge null varied a great deal as I moved my hand around the coaxial cable, or if the line or bridge was moved. A hastily constructed balun installed at the center of the dipole eliminated the problem. But why?

Full Article: <http://eznec.com/Amateur/Articles/Baluns.pdf>

# Meeting Minutes from March 2016

## CALL TO ORDER and INTRODUCTIONS:

MINUTES FROM LAST MEETING: Dustin KC9JKV

TREASURER'S REPORT: Randy WV9T

## COMMITTEE REPORTS:

Parliamentarian Roy N9NUZ

Newsletter Dustin KC9JKV

ARES/RACES None

Repeaters Dick K9DLI

Mark N0WLU

Hap KC9BGA

Education Alvin KC9MCC

Field Day None

Paul K9OT

Web Site + Facebook Larry KC9CSQ

Dustin KC9JKV

[kc9kq.ssoworld.org](http://kc9kq.ssoworld.org)

[facebook.com/HVARC](https://www.facebook.com/HVARC)

Facebook free radio campaign is ongoing

Nets Scott Onson

Red Cross Report Matt KC9MLE

Kent K9ZMU

Matt KC9MLE

Net control for 4<sup>th</sup> Sunday needed

## BUSINESS

No program this month. Contesting presentation by Scot N9HDE is moved to August.

### **New Business:**

- Dubuque 1 day course is coming up. Study materials have been sent out
- Paul K9OT spoke on upcoming contest on 3/12. Wisconsin QSO party  
<http://www.warac.org/wqp/wqp.htm>
- April 18th, Skywarn will be held at Lancaster High School. See [http://www.weather.gov/arx/skywarn\\_schedule](http://www.weather.gov/arx/skywarn_schedule)
- Todd Shea will be giving a presentation on advanced radar and weather interpretation, May 10th.
- Member list is being created. Turn in your dues!
- TV Show recommendation from Hap BGA. TV adaptation of the film frequency  
<http://www.arrl.org/news/frequency-tv-series-now-planned-for-cw-network>
- Kent ZMU will send out a notice to reminding everyone that a membership list will be printed in the April newsletter.
- Peg/Scott motion to adjourn

Adjournment

Motion by Hap/Dustin

# HAMFESTS/COMPUTERFESTS

04/16/2016

Brainerd Area Hamfest - Location: Brainerd, MN - Type: ARRL Hamfest - Sponsor: Brainerd Area Amateur Radio Club - Website: <http://www.brainerdham.org>

04/16/2016

DMRAA Hamfest - Location: Des Moines, IA - Type: ARRL Hamfest - Sponsor: Des Moines Radio Amateurs Association - Website: <http://www.dmraa.com/hamfest>

04/16/2016

North Central Indiana Hamfest - Location: Peru, IN - Type: ARRL Hamfest - Sponsor: Cass County ARC, Miami County ARC, Grant County ARC, & Kokomo ARC - Website: <http://nci-hamfest.net>

04/23/2016

Aurora '16 Conference - Location: White Bear Lake, MN - Type: ARRL Convention - Sponsor: Northern Lights Radio Society - Website: <http://www.NLRS.org>

05/01/2016

The DeKalb Hamfest - Location: Sandwich, IL - Type: ARRL Hamfest - Sponsor: Kishwaukee Amateur Radio Club - Website: <http://www.karc-club.org>

05/14/2016

Iowa State Convention (3900 Club Hamboree 2016) - Location: Boone, IA - Type: ARRL Convention - Sponsor: 3900 Club - Website: <http://3900club.com>

06/05/2016 | Starved Rock Radio Club/Princeton Illinois Hamfest - Location: Princeton, IL - Type: non-ARRL Hamfest - Sponsor: Starved Rock Radio Club (W9MKS) - Website: <http://www.w9mks.org>

06/11/2016

SWIARA Swap Meet - Location: Creston, IA - Type: ARRL Hamfest - Sponsor: South West Iowa ARA - Website: <http://www.swiara.com>

06/19/2016

Six Meter Club of Chicago's 59th Annual Hamfest - Location: Wheaton, IL - Type: ARRL Hamfest - Sponsor: Six Meter Club of Chicago, Antique Radio Club of Illinois, Classic Radio Net Hamboree - Website: <http://K9ONA.com>

## HVARC CLUB INFORMATION

Club dues are \$20.00 per year for individual, and \$25.00 per year for a family membership. We also recommend a \$20.00 per family yearly donation for support of the repeaters. To support your club please send your dues to: HVARC Treasure Randy Stojan WV9T, 2029 Vaassen Lane, Platteville WI, 53818. The Hidden Valleys Amateur Radio Club meets on the second Tuesday of each month at the Southwest Health Center on the South East side of Platteville WI. The meeting is at 7:00 PM and anyone with an interest in radio is welcome to attend. We also meet each Sunday evening at 7:30 PM on the NOWLU Repeater at 146.895 MHz. with a PL tone of 114.8 All licensed Amateur Operators are welcome to check in.

Please check out the club web site at: <http://kc9kq.ssoworld.org> Thank You to Scott Onson for hosting our club web site.

Newsletter Editor is Dustin Westaby, KC9JKV, and can be reached at [dustin.westaby@gmail.com](mailto:dustin.westaby@gmail.com)