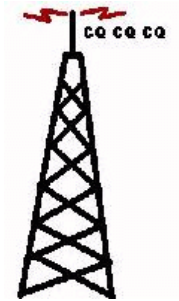


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President's Comments

I am happy to report that I have been able to set up some fine programs for the upcoming months. This month Dustin Westaby KC9JKV will be speaking and demonstrating Arduino boards and Raspberry Pi. If you are interested in building electronic devices be sure not to miss this meeting. The hospital has been very cooperative and is going to provide us with a computer projector and screen.

The following programs have been arranged:

- ◆ **March 10:** Josh Roskos KC9WWH the Grant County Emergency Coordinator will make a presentation on Amateur Radio Emergency Services (ARES).
- ◆ **April 14:** Chris Goodney KC9CST talking on how to protect your amateur radio station through centralizing your grounding system.
- ◆ **May 12:** Dave Nix W9FAA will speak on radio controlled airplanes. He will also bring a drone.
- ◆ **June 9:** Field Day preparation
- ◆ **July 14:** Club Picnic

I have heard from representatives of the WI QSO Party and the president of WECOM which runs the repeater in Dodgeville. Both of them will try to see if they can come to a fall meeting. We will also pursue getting someone to speak on Electromagnetic Pulse (EMP). If you have an idea for a program please let me know.

Some items on the agenda are:

- ◇ Should ARES be a part of our club or a separate entity?
- ◇ We need to establish monetary values of our various assets for grant forms and to consider getting replacement insurance on them.

In the March newsletter we will publish the names and call letters of paid up members. So please get your dues to Randy by the February meeting.

I also know someone who would like a general coverage receiver for under \$100. If you have something for sale be sure to send the information to Dustin dustin.westaby@gmail.com.

Someone mentioned to me that they had some pictures of Jack Izzard for the club scrapbook. Please bring them. We should also have a picture of John Holzer KC9KQ if anyone has one. I would like to have a QSL card and picture of each of our members in the scrapbook.

Hope to see all of you at the February meeting,
Kent K9ZMU

KQ's Korner

It is difficult to think of spring while I am looking at a foot of snow in my yard, but happily spring is on the way. Soon there will be SkyWarn sessions and the severe weather season starts about the middle of March. A few years ago there was a tornado in the Cascade, IA area in the middle of March. So be prepared early.

The hamfest season is in full swing with several in the area in the next few months. I enjoy visiting with the people that I talk to on the radio but seldom see in person. It is fun to put voices and faces together. And I usually find something that I simply cannot live without when I walk around the tables and look at all of the stuff. One man's junk is another man's treasure I guess.

73 & CUL
Art, N9KQ

Raspberry Pi Introduction

The Raspberry Pi is a series of credit card-sized single-board computers developed with the intention of promoting the teaching of basic computer science in schools.

It is not just programming students who can have some fun with the Raspberry Pi either. There are many projects that you can put single-board computers like the Raspberry Pi without needing a massive learning curve.

Ham Radio Software Packages

Software packages are installed from the linux command line.

```
sudo apt-get update  
sudo apt-get install package name
```

Echolink—Internet based radio communication
<http://www.instructables.com/id/Raspberry-Pi-for-Amateur-Radio-VOIP-Echolink/>

atennavis—Radiation pattern visualization
<http://www.include.gr/antennavis.html>

klog—ham radio logging program
<http://www.dxzone.com/dx5029/klog.html>

cwcp—Morse code tutor - text user interface
<https://launchpad.net/ubuntu/precise/+package/cwcp>

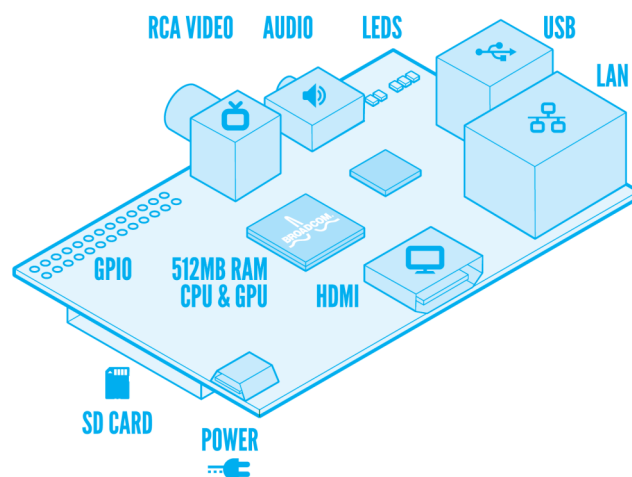
More ham radio packages:

<http://www.raspberrypi.com/raspbian-packages-list/item/71-raspbian-hamradio>

Technical Features

CPU	700 MHz Low Power ARM1176JZ-F Applications Processor
GPU	Dual Core VideoCore IV® Multimedia Co-Processor
Input Output	8 pins (model B) / 26 pins (model B+)
Memory	512MB SDRAM
Ethernet	10/100 Ethernet RJ45 jack
USB 2.0	Dual USB Connector
Video Output	HDMI (rev 1.3 & 1.4) Composite RCA (PAL and NTSC)
Audio Output	3.5mm jack and HDMI
Onboard Storage	SD, MMC, SDIO card slot
Cost	\$20 - 40

RASPBERRY PI MODEL B



Meeting Minutes from January 2015

CALL TO ORDER and INTRODUCTIONS:

MINUTES FROM LAST MEETING: Dustin Motion by Matt, 2nd by Mark

TREASURER'S REPORT: Randy WV9T \$1345.52

COMMITTEE REPORTS:

Parliamentarian Roy N9NUZ

Newsletter Dustin KC9JKV

ARES/RACES John KB9RYI ARES has an EC Josh Roskos (KC9WWH)
Dana KC9KOQ
Brad W0WDX

Repeaters Dick K9DLI
Mark N0WLU
Hap KC9BGA

Education David KJ4HYJ

Field Day Paul K9OT

Web Site Larry KC9CSQ
Dustin KC9JKV <http://kc9kq.ssoworld.org>
Scott

Nets Matt KC9MLE
Kent K9ZMU Net control for 4th Sunday needed

BUSINESS Round table question was "What would you like to know more about ham radio?"

Insurance is to be paid in March. Discussion was started on changing our insurance plan beyond liability only to include replacement costs of \$15,000.

AARL club info now points to our facebook page website. facebook.com/HVARC

Club welcomed Josh Roskos (KC9WWH) as our new Emergency Contact (EC) for Grant county. Josh passed out applications to club members for ARES / RACES. For more info please review:

ICS-700 National Incident Management System (NIMS)
ICS-100 Incident Command System (ICS)

Hap Daus (KC9BGA) gave directions to the new hospital radio location. The CEO's office is the "ham shack".

The club is looking to protect its repeater investment with a metal shack. The local engineers core may be able to provide us with a free container. These military containers are EMP and sunspot safe.

A request was made to figure out the actual range of our repeater for future grants. Previous estimates have asserted our tower has an approximate 80 mile range. Actual data can be obtained by theoretical model software or driving to multiple locations to take readings.

No program for January. Instead, we went through and read the club pamphlet. Making revisions as we went through each page. Dustin (KC9JKV) will update the brochure.

Adjournment Reminder: Dues are delinquent. Member list will be updated for 2015 based on who has paid their dues.
Motion by Matt

HAMFESTS/COMPUTERFESTS

February 14

Brookfield, WI · MRAC & MAARS Mid Winter Interclub Swapfest. Location: MPTV Auction Site, 12560 West Townsend Street, Brookfield, WI. Sponsor: Milwaukee Radio Amateurs' Club & Milwaukee Area Amateur Radio Society. Talk-In: 145.390 & 145.130 (PL 127.3). Public Contact: David Schank , KA9WXN, 5943 West Edgerton Avenue Greenfield, WI 53220; Phone: 414-459-9741; Email: ka9wxn@gmail.com; Website: <http://www.w9rh.org>.

March 8

Sterling, IL · Sterling Rock Falls Hamfest. Location: Challand Middle School, 1700 6th Avenue, Sterling, IL. Sponsor: Sterling Rock Falls Amateur Radio Society. Talk-In: 146.850 (PL 114.8). Public Contact: Paula Portner , KC9FQK, 1302 West 2nd Street Dixon, IL 61021; Phone: 815-284-5650; Email: pportner@comcast.net; Website: <http://w9mep.org>.

March 15

Jefferson, WI · HAMFEST/CONVENTION. Location: Jefferson County Fairgrounds - Activity Center, 503 North Jackson Avenue, Jefferson, WI. Sponsor: Tri-County Amateur Radio Club · W9MQB. Talk-In: 145.49 (PL 123). Public Contact: Stan Lichtenberg , W9FIB; PO Box 411 Johnson Creek, WI 53038; Phone: 920-390-9068; Email: hamfest@w9mqb.org; Website: <http://w9mqb.org>.

April 14

STOUGHTON, WI – Madison Hamfest. Location: Mandt Community Center, 400 Mandt Parkway, Stoughton, WI. Sponsor: Madison Area Repeater Association. Talk-In: 147.150 +600 (PL 123.0). Contact: Paul Toussaint , N9VWH, 3835 County Road A Stoughton, WI 53589; Phone: 608-205-1994; Email: w9hsy@execpc.com; Website: <http://www.qsl.net/mara>.

DES MOINES, IA – DMRAA Hamfest. Location: Iowa State Fairgrounds, Elwell Family Center, East 30th Street and East University Avenue, Des Moines, IA. Sponsor: Des Moines Radio Amateurs' Association. Talk-In: 146.940 (PL 114.8). Contact: Bruce Brumm , KC0ZMT, PO Box #88 Des Moines, IA 50301; Phone: 515-999-0426 (999-0-HAM); Email: info@dmraa.com; Website: <http://www.dmraa.com/hamfest>.

May 5

SANDWICH, IL – THE DEKALB HAMFEST. Location: Sandwich Fairgrounds, 1401 Suydam Road, Sandwich, IL. Sponsor: Kishwaukee Amateur Radio Club. Talk-In: 146.730 minus (PL 100) & 146.53 Simplex. Contact: Bob Yurs , W9ICU, 1107 Commercial Street Sycamore, IL 60178; Phone: 815-895-7584; Email: w9icu@arri.net; Website: <http://www.karc-club.org>.

Princeton, IL · Starved Rock Radio Club's (W9MKS) 2015 Hamfest. Location: Bureau County Fairgrounds, 811 West Peru Street, Princeton, IL. Sponsor: Starved Rock Radio Club. Talk-In: 146.955 (PL 103.5). Public Contact: Matthew Weaver , KB9VZH, 319 Desoto Street Ottawa, IL 61350; Phone: 815-313-5924; Email: kb9vzh@mchsi.com; Website: <http://www.w9mks.org>.

August 2

CEDAR RAPIDS, IA – CVARC Hamfest. Location: Teamsters Hall, 5000 J Street SW, Cedar Rapids, IA. Sponsor: Cedar Valley Amateur Radio club. Talk-In: 146.745 (no tone). Contact: David Wilson , KB0DW, 3200 Silverthorne Road NE Cedar Rapids, IA 52402; Phone: 319-393-3776; Email: krk9840@msn.com; Website: <http://cvarc.rf.org>.

PEOTONE, IL – Hamfesters 81st Annual Hamfest. Location: Will County Fairgrounds, 170 South West Street, Peotone, IL. Sponsor: Hamfesters Radio Club (W9AA). Talk-In: 146.52. Contact: Kurt Pawlikowski , WB9FMC, PO Box 474 Crestwood, IL 60445; Phone: 773-284-9500; Email: kurt@pinrod.com; Website: <http://ham-ham.org>.

September 19

Peoria, IL · Peoria Superfest. Location: Exposition Gardens, 1601 West Northmoor Road, Peoria, IL. Sponsor: Peoria Area Amateur Radio Club. Talk-In: 147.075. Public Contact: Deb Suhs , KA4DEB, 25857 Longview Road Hopedale, IL 61747; Phone: 309-453-9331; Email: debsuhs@gmail.com; Website: http://www.w9uvi.org/?page_id=2715.

September 26

Cedarburg, WI · Ozaukee Radio Club's Annual Regional Fall Swapfest. Location: Firemans Park, 796 Washington Avenue, Cedarburg, WI. Sponsor: Ozaukee Radio Club. Talk-In: 146.97 (PL 127.3). Public Contact: Thomas Ruhlmann , W9IPR, 465 Beechwood Drive Cedarburg, WI 53012; Phone: 262-377-6945 (H); Email: teruhlmann@wi.rr.com; Website: <http://ozaukeeradioclub.org>.

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.ssworld.org> Thank You to Scott Onson for updating our club web site.



Grant County ARES/RACES

Joshua Roskos, KC9WWH
Grant County EC
306 Fremont Street
Boscobel, WI 53805
kc9wwh@grantcoares.org
home (608) 485-1570
cell (608) 609-9128

Membership Application

Member Information

Callsign: _____ Lic. Class: _____ Date: _____

Full Name: _____ DOB: _____
Last First M.I.

Address: _____
Street Address Apartment/Unit #

City State ZIP Code

Email: _____ Phone: _____

Are you registered on E-Sponder? YES NO Do you want to be an ARES/RACES member? YES NO
Are you a member of the ARRL? YES NO If yes, do you have ICS-100 and ICS-700? YES NO

Equipment

Below please list and describe what equipment you have available in the event of an activation:

Experience & Qualifications

Below please list any qualifications and/or experience you may have as related to ARES/RACES:

Information

Please complete and attach copies of all ICS certificates.

<http://www.GrantCoARES.org>