

The Zero Beat

THIS MEETING

February 11, 2009
7:30 P.M.
 (socializing begins at 7)
Hoover Elementary
23720 Hoover Ave.
Hazel Park 48030

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GENERAL MEETING

This month we will hear from Chet K8YTO "Installing My First Tower, the trials and tribulations of researching, purchasing and erecting a tower. " He will also share some stories about his StepIR beam. Come to the meeting and hear the harrowing story.

The meetings are open to any and all interested in amateur radio and we would like to see some of our members who haven't been around for a while. Come and tell us what else you've been doing as we all have been trying to deal with live as we know it.

This may be the beginning of many new happenings for all. New sunspots and new fortunes let's enjoy the hobby and friendship and see you at the meeting.

Marsha N8FE

PRESIDENT'S QRM

Hello once again. Its February already which means spring is closing in on us, yea!

This has been what I would call a normal Michigan winter like I remember as a kid, winter wonderland. Spring is coming so that means we need:

1. A few good people for the elections nominating committee (a good way to avoid being drafted for office)
2. One or two people for Banquet Chairman or Chairwoman (OM or YL)
3. A field day Chairman or Chairwoman.

I hope we don't have to lock the doors in order to have members volunteer, so be ready to support your club.

The swap is over for this year and we made enough to make it worth doing again. A big thank you is in order to Mike WD8S who managed it and all the volunteers who helped.

Attendance was down some due to the economy and the weather (snow). Ex-

penses were cut this year and that was a big factor in it being profitable.

Speaking of Mike WD8S did you know that he has been president of this club longer than anyone else? His three different times add up to a total of 12 years. Phil AA8KR comes in second at 5 years.

At the next meeting we will ask the membership to approve next year's budget. The board has already approved it. I have really been fortunate and happy to have such a good board this year. We are getting things done and on time. They surprise me at times (and they put up with me).

The Secretary, Jerry W9NPI, is charged with keeping club records. So if you have any please get them to him. The DART records or DART box as it was known seems to be missing. Tony N8VR said he remembers putting it someone's trunk. If you have it, please get it to Jerry or myself and I will pass it on to Jerry. This information would be

(Continued on page 2)

OFFICERS & VOLUNTEERS

- **President:** Murray Scott
KE8UM@arrl.net
- **1st VP:** Jim Poehlman
K8ABZ@arrl.net
248-398-0086
- **2nd VP:** Dave K8TRF
248 280-0385
k8trf@arrl.net
- **Treasurer:** John Fleming
K8UP 248-542-9573
john@fleming-photo.com
- **Director:** Rich KC8WPW
586-264-5035
shadowru@comcast.net
- **Secretary:** Jerry Begel
W9NPI 248-543-2284
afcsman@comcast.net
- **Parliamentarian:** Mike Van Buren WD8S
wd8s@arrl.net
- **Newsletter/PIO:** Marsha N8FE n8fe@arrl.net
- **Classes:** Rich KC8WPW
kc8wpw@arrl.net
586 264-5035
- **Swap:** Mike Van Buren WD8S wd8s@arrl.net
- **Technical Coordinator:** Murray Scott
KE8UM@arrl.net
- **VE Testing:** Dee Flint N8UZE n8uze@arrl.net
- **Contest Mentors:** Mike WD8S wd8s@arrl.net
Gerry K8GT k8gt@arrl.net
- **Sunday Net:** Bill Ketel N8QVS 248-544-2452
wketal2@wowway.com
- **Jackets/Shirts:** Terrill K8MAR 248 528-3624
- **50/50 & Donuts:** Rey Bora
- **Field Day :**
- **Banquet:**
-

NETS

Oakland County Amateur Radio Public Service Corp (ARPSC)

Every Thursday @ 8 pm on 146.900 MHz/100pl. Hospital Radio Net on last Thursday of each month during the net. (W8OAK-3 will run packet on 147.56 MHz for those wanting to practice and test their equipment) www.qsl.net/w8oak

Sunday Night 2-meter Phone Net

Every Sunday at 9:00 PM local time, (146.64 (-), catch up on club news and information, and just to keep in touch. All amateurs are welcome to check in.

NTS Traffic Nets

the Southeast Michigan National Traffic System (NTS) net Normally held every night at 10:15 PM local time on 145.33. Net manager is Diane, W18K.

Rocking Chair Net

Hazel Park ARC Nightly 2 meter rag chew net meets on 145.630 MHz simplex (FM phone) at 8:00 PM local time, weekdays + some Saturdays. Net control is usually Bill, N8QVS, or Bill, KB8NIH, both of whom are located in Royal Oak.

Wolverine Net

The 75 Meter Wolverine Net meets on 3935 KHz (LSB phone) daily at 7:00 PM local time with pre-net starting at about 6:30 PM. The nets start a half hour earlier in winter. You can get details from Joe, K8JRE joecuchetti@comcast.net or Ed, W8EDE ed@ellisgen.com.

HPARC medium speed CW net

Every Tuesday night at 8:00 PM on 28.128 MHz. Al, N8WYO, runs the net and will match your speed. This is a net for folks who have mastered the 5 wpm, and want to move up to faster speeds, or if you're a little rusty.

Al calls CQHP at 8 PM sharp!

QRM CONT.

badly needed if something happened to the people maintaining the DART. The way the DART box worked was if someone needed a copy of something it could be copied and returned within two weeks. The information was kept up to date but now it has disappeared. It is important to have copies of club information in more than one location.

The Director, Rich KC8WPW, is responsible for keeping an inventory of all equipment owned by the club. If you have any club equipment please let him know what you have so he can add it to the list.

Don't forget Valentines Day is this month.

Get on the air and enjoy those Radios! If you are new to high frequency operation don't be afraid to ask for help. Helping each other is what a club is all about!

Don't forget the Sunday net at 9PM on 146.64 our two-meter repeater.

73 for now see you at the meeting

Murray, KE8UM

TALK TO THE WORLD
 via our IRLP node
 Instructions at www.hparc.org
 On the DART tab

VOLUNTEER OPPORTUNITIES
 Nomination Committee Chair
 Banquet Chairman
 Field Day Chairman

 Net Control
 Sunday Night Net Control—Contact
 Bill N8QVS on 248-544-2452 or
wketal2@wowway.com

MINUTES OF GENERAL MEETING

Wednesday January 14, 2009

Location:; Hoover School, Hazel Park, MI

Meeting Called to order at 7:35 PM. Present were all officers, 42 members, and two guests.

Speakers

John Teagardin, AA8UU, gave an engrossing presentation on IRLP and EchoLink Voice-Over-Internet Amateur operating. A coffee & donuts break followed.

The Business Meeting was called to order at 8:35 PM

Minutes

W9NPI gave the brief summary of the Holiday Party Meeting, and read a thank-you letter received from the Salvation Army regarding our gifts to them. K8UP advised that Jimi's Restaurant provided the Greek Salad that we enjoyed, and requested that an Appreciation Letter be sent to them. Motion to Approve December, 2008 minutes: N8FE; *Passed Unanimously*

Treasurer's Report

Treasurer K8UP presented his Report. Motion to Approve Treasurer's Report: W8WRB. Second: AA8UU; *Passed Unanimously*

Swap Report by WD8S

Over the past week, many calls for tables have come in, but no reservations will be made without payment. Volunteers will meet at Jimi's Restaurant on the Saturday before the swap to set up and arrange the tables. About 50 will be rented, and the total number of tables for swap use will be 150.

N8FE will email assignments to members who have volunteered to work the doors, etc. at the swap. Duties are scheduled in Two-Hour increments.

The Food Booth will be in the Commons area, run by the Hazel Park Boosters' Club at no cost to HPARC. Prior to this, HPARC paid upwards of \$800 for school employees to run a food concession, with no profit to the club.

Old Business

KE8UM mentioned that we still needed Net Control Operators for the HPARC Sunday Net, and a sign-up sheet was on the front table.

Training

K8UP reported that of the nine amateurs who attended the Southfield EOC Extra Class Course, Four had passed the exam. The others were very close to passing. KC8WPW and NE8WR will be teaching a Technician Course starting Monday, January 26, 2009 at the Southfield EOC Offices. Cost: \$20. for the manual.

K8UP will teach a Technician Course starting Tuesday, February 3, 2009 at the Novi Police Training Center on Ten Mile Road. The class is primarily for CERT members, but anyone can attend.

K8UP will schedule a General Class course in April at the Southfield EOC.

K8ABZ compiled data from the HPARC Membership Roster and found that there were 18 Technicians, One Technician Plus, 31 Generals, 7 Advanced, and 68 Extra Class licensees. Members were urged to upgrade, if they were able.

New Business

Jim, K8LFE, President of the L'Anse Creuse Amateur Radio Club, mentioned the recent deaths of L'Anse Creuse members: Walt, WB8GAO, and Tom, N8QOQ

Membership

K8ABZ presented a list of expiring memberships. He also has a list of bounced email addresses, and asked that anyone on the list take steps to correct the situation. A short discussion of how some Internet Service Providers treat HPARC and ARRL mailings and message forwarding services like "Spam." No action taken.

K8ABZ wanted to add photographs of members to the Club Database, and asked whether anyone objected.

There was a show of hands. No action taken.

K8UP suggest that members without computers rely of Public Library resources to read the HPARC Zero Beat online.

(Continued on page 5)

C Q D X . . .

CONTEST CORNER

Midway Atoll on the Air

The US Fish and Wildlife Service ([USFWS](#)) announced on Monday, January 26 that they would once again [allow Amateur Radio operators the opportunity to operate](#) from [Midway Atoll](#). This the first time that USFWS has allowed amateurs to operate from the wildlife refuge since 2002. The USFWS started a program earlier this month to encourage visitors to experience Midway's wildlife, history and culture, as well as non-wildlife-dependent activities -- including Amateur Radio.

ARRL Officially Okays CW Skimmer Contest Use

After months of official review, the ARRL has decided to allow the use of the controversial CW Skimmer program only for multi-ops and single operators using assistance in ARRL contests, mirroring a decision made last year by the CQ WW DX Contest. The ARRL will also re-name the Assisted category as "Unlimited."

[source: radio-sport.net]

LoTW Tip

While checking out my confirmed QSO's I realized they did not quite match up. Then I was reading some mail lists and heard about "rules". People were emailing the league and having them fix their accounts. I believe I have figured out what has been the main problem. Make sure you have these rules in place:

1. DXCC includes ALL callsigns you ever had AND you combine them under your current callsign. For instance, I was KA8DMR and when I got my vanity callsign N8FE, I went online and combined my KA8DMR QSO's under N8FE.
2. WAS award: make sure you have at least ONE rule and that can be your callsign. However if you have logs with more than one callsign like I do then you need to make a rule for EACH callsign. Also I made a rule for QSO's to be after (and make sure you pick a date EARLIER than your earliest log entry. Make sure that the rules are "OR" rules not "and" rules.

Welcome to Contest Corner. As usual, there seems to be something for everyone. CU on the air.

February 2009

- 7-8 Vermont QSO Party - All
- 7-8 YLISSB QSO Party - CW/RTTY
- 7-8 10-10 Internat. Winter QSO Party - Phone
- 7 Minnesota QSO Party - All
- 7-8 British Columbia QSO Challenge - All
- 7-9 Delaware QSO Party
- 7-8 New Mexico QSO Party - All
- 7-8 Mexico International RTTY Contest - RTTY
- 9-13 School Club Roundup - All
- 13-15 YLRL YL-OM Contest - All
- 14-15 CQ World Wide WPX RTTY Contest - RTTY
- 14-15 Louisiana QSO Party - All
- 14-15 OMISS QSO Party - SSB
- 16 Run For The Bacon QRP Contest - CW
- 21-22 ARRL International DX Contest - CW
- 27-28 Russian PSK WW Contest - PSK31
- 27-1 CQ WW 160-Meter Contest - SSB
- 28-1 UBA DX Contest - CW
- 28-1 Mississippi QSO Party - CW/SSB
- 28-1 North American QSO Party - RTTY

Full details available at

<http://www.sk3bg.se/contest/c2009feb.htm#FEB>

February 7 is QSO Party Galore[Active QSO Party Weekend From US and Canada](#)

There won't be a any excuses the first full weekend of February this year, as HF operators can chase awards in four different US state QSO parties as well as one Canadian province. Leading the way is the Minnesota QSO Party, but it by no means rules the contest roost, as contests will pop up from Vermont, New Mexico, Delaware and British Columbia.

[source: radio-sport.net]

On **June 1, 2009**, the U.S. government will require special documents when most U.S. citizens enter the United States at sea or land ports of entry — http://travel.state.gov/travel/cbpmc/cbpmc_2223.html

W1AW 2008-2009 WINTER SCHEDULE

Morning Schedule:

Time	Mode	Days
1400 UTC (9 AM EST)	CWs	Wed, Fri
1400 UTC (9 AM EST)	CWf	Tue, Thu



at the beginning of alternate speeds.

On Tuesdays and Fridays at 2330 UTC (6:30 PM EST), Keplerian Elements for active amateur satellites are sent on the regular teleprinter frequencies.

A DX bulletin replaces or is added to the regular bulletins between 0100 UTC (8 PM EST) Thursdays and 0100 UTC (8 PM EST) Fridays.

In a communications emergency, monitor W1AW for special bulletins as follows: Voice on the hour, Teleprinter at 15 minutes past the hour, and CW on the half hour.

FCC licensed amateurs may operate the station from 1500 UTC to 1700 UTC (10 AM to 12 PM EST), and then from 1800 UTC to 2045 UTC (1 PM to 3:45 PM EST) Monday through Friday. Be sure to bring your current FCC amateur radio license or a photocopy.

The W1AW Operating Schedule may also be found on page 100 in the January 2009 issue of QST or on the web at, <http://www.arrl.org/w1aw.html>.

Daily Visitor Operating Hours:

1500 UTC to 1700 UTC - (10 AM to 12 PM EST)
 1800 UTC to 2045 UTC - (1 PM to 3:45 PM EST)
 (Station closed 1700 to 1800 UTC (12 PM to 1 PM EST))

Afternoon/Evening Schedule:

2100 UTC (4 PM EST)	CWf	Mon, Wed, Fri
2100 "	" CWs	Tue, Thu
2200 " (5 PM EST)	CWb	Daily
2300 " (6 PM EST)	RTTY	Daily
0000 " (7 PM EST)	CWs	Mon, Wed, Fri
0000 "	" CWf	Tue, Thu
0100 " (8 PM EST)	CWb	Daily
0200 " (9 PM EST)	RTTY	Daily
0245 " (9:45 PM EST)	VOICE	Daily
0300 " (10 PM EST)	CWf	Mon, Wed, Fri
0300 "	" CWs	Tue, Thu
0400 " (11 PM EST)	CWb	Daily

Frequencies (MHz)

CW: 1.8175 3.5815 7.0475 14.0475 18.0975
 21.0675 28.0675 147.555
 RTTY: - 3.5975 7.095 14.095 18.1025 21.095
 28.095 147.555
 VOICE: 1.855 3.990 7.290 14.290 18.160 21.390
 28.590 147.555

Notes:

Morse Code

CWs = Practice (slow) = 5, 7.5, 10, 13 and 15 WPM
 CWf = Practice (fast) = 35, 30, 25, 20, 15, 13 & 10 WPM
 CWb = Bulletins = 18 WPM
 CW frequencies include code practices, Qualifying Runs and CW bulletins.
 RTTY = Teleprinter Bulletins = BAUDOT (45.45 baud) and AMTOR-FEC (100 Baud). ASCII (110 Baud) is sent only as time allows.

Code practice texts are from QST, and the source of each practice is given at the beginning of each practice and

MINUTES CONT.

(Continued from page 3)

Miscellaneous

WD8S reported that his new Elecraft K3 transceiver was "More radio than I had imagined." He was very pleased with its performance so far.

Website

N8FE reported that our Club Website was down for three hours last week, and that GoDaddy, which maintains the server, was helpful and courteous.

N8FE encouraged members to visit the website to see the changes and features that she had recently introduced.

Adjournment

Move to adjourn: KD8FVN, second: N8QVS. *Passed Unanimously*

Meeting was adjourned at 9:19PM

Respectfully submitted,
 Jerry Begel, W9NPI

HONOR OUR TROOPS

FREE ARRL MEMBERSHIPS TO SERVICE MEN AND WOMEN ABROAD:

A few years ago, the Board approved a temporary rule to offer full ARRL membership free of charge to service men and women who hold FCC amateur licenses while they are serving outside the US. This temporary rule was made permanent. The rule reads as follows:

"Upon request, the Executive Vice President is authorized to maintain membership privileges without charge for the duration of a member's active military deployment outside the ARRL operating territory as described in Bylaw 30, with or without the delivery of QST at the member's option."

TECH TALK ONLINE

- Crystal Sets to Sideband, by Frank Harris, K0IYE is a downloadable book about ham radio that is pretty good. Each chapter is its own file, which eases the downloading requirements. When put together in one PDF and it's over 20MB. <http://www.qsl.net/k3pd/book.html>

Roy Lewallen, W7EL, who markets antenna modeling software wrote an article about baluns that seems to be pretty good. I know there's a lot of controversy about baluns out there, but Roy is usually pretty good and correct.

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

Dave KB8TRF

Smith Chart Aid

Dr. Russell Jedlicka of the Klipsch School of Electrical and Computer Engineering at New Mexico State University has given us a copy of his class notes on how to use Smith Charts.

Use the "save target" option on the Web browser to download these files. The tutorial with the charts in place is in the file [here](#). The tutorial with the Smith Charts removed is obtainable [here](#). The Smith Chart as a stand-alone graphic is obtainable [here](#).

Steve Horan AC5RI has been licensed since 1996. He is the faculty advisor for W5GB on the NMSU campus and teaches [licensing classes](#) on site.

RILEY REPLACED

Laura L. Smith of Pennsylvania has been named by the FCC to fill the vacancy created when by Riley Hollingsworth, K4ZDH retirement as the FCC Special Counsel for the Spectrum Enforcement Division. Riley held the position as FCC's enforcement guru for Amateur Radio for over 10 years. He is an excellent man, a fine ham and did a great job.

Ms. Smith began her legal career with the FCC in the Mass Media Bureau and Wireless Telecommunications Bureau. She also was Deputy Division Chief of the Public Safety and Private Wireless Division. She left the Commission in 1998 to join the Industrial Telecommunications Association (ITA), now the Enterprise Wireless Alliance.

Most recently, Smith was an attorney with the Maryland law firm of Shulman Rogers. While there, she dealt with telecommunications matters and served as counsel to numerous entities in the private radio and public safety communities. Smith has served as an industry consultant and written columns for a variety of trade publications including Mobile Radio Technology Magazine and The Private Wireless Magazine.

In an October 2008 letter to then-FCC Chairman Kevin Martin, ARRL President Joel Harrison, W5ZN, urged Martin to name a successor to Hollingsworth. President Harrison cautioned, "The appointment of a replacement Special Counsel in this position is of critical importance to the Amateur Radio Service, as the delay in finalizing the appointment stands to undermine in very short order an exceptionally successful and low-cost program of enforcement in the Amateur Service."

Although Ms. Smith apparently has had no direct involvement with Amateur Radio, her experience with other radio services should provide her with the basic background needed to fill the amateur enforcement post.

SCOUTS SOU

BOY SCOUTS OF AMERICA: The Board passed a resolution to offer ARRL assistance in managing station K2BSA at the 2010 National Scout Jamboree. It is set for July 26-August 4 to coincide with the 100th Anniversary of the Boy Scouts of America. We also are exploring the mutual desirability of a SOU between the Scouts and ARRL.

PRB-1 WEBSITE

A website supporting the PRB-1 effort here in Michigan is now online at www.prb1michigan.org. Committee Chair Bobby Corr, N8CY, notes:

It is our goal to pass legislation during the 2009 session of the Legislature. This will be a significant effort – requiring the full support of all Amateur Radio Operators in the State of Michigan.

Please go to the PRB-1 Committee Page at <http://www.prb1michigan.org/id19.html> and sign-up to receive e-mail from the Committee. We will keep you informed of our progress and let you know when it is time to write to your State Representatives and Senators.

We need real-life examples of Amateur Radio Operators "in action" for Emergency Communications in times of disaster in Michigan. These will be edited and added to the Web Site. Please submit them [in Microsoft Word format] to n8cy@arrl.net.

From Bobby –

To date, **156** persons have signed-up for the PRB-1 eMail list. While this is gratifying, consider the following statistics:

- There are **over** 21,000 Amateur Radio Licensees in the State of Michigan
- There are 116 Amateur Radio Clubs in Michigan
- Of these 81 are ARRL Affiliated Clubs
- There are 4,248 Amateur Radio Licensees who are members of ARRL Affiliated Clubs
- Of these 2,823 are ARRL dues paying members

While I will acknowledge that some of the 21,000+ licensees are *not active*, we *definitely* need the support and action of **all** Amateur Operators to make this legislative effort successful. Please encourage your fellow HAMs to sign-up for the eMail list so we can keep them informed of our progress and let them know when the time comes to write to their elected representatives.

I have added what I believe is a *significant* page to the Committee Web Site entitled "[Benefits of PRB-1 Legislation](http://www.prb1michigan.org/id24.html)" www.prb1michigan.org/id24.html. I believe that this page is an *excellent* one-page summary of what this initiative is all about and *why* legislators, their constituents, local municipalities, and zoning boards should support our proposed legislation. If you have not watched the 6-minute

video by Walter Cronkite KB2GSD about [Amateur Radio Today](#), I encourage you to do so. This video highlights the significant contributions made by Amateur Operators during 911 and during the wildfires in the Western US during 2002. You can find a link to the video on the "Links" page at www.prb1michigan.org/id7.html.

It is also worthy to note that ARES members contributed almost \$2 million in man hours in support of Public Service and Emergency Communications activities during calendar year 2008. You can find the ARES Report – 2008 on the "[Emergency Comm Examples / Statistics](#)" page at www.prb1michigan.org/id23.html. You will also find links to case histories about Emergency Communications *in Michigan*; e.g. [24-Aug-07 Potterville/South Lansing Tornado](#) and [18-Oct-07 Williamston, MI EF-2 Tornado](#).

I will continue to keep you updated on activities and topics of interest regarding the PRB-1 Legislation in Michigan.

SWITCH TO 406

On February 1, 2009 the International Cospas-Sarsat Program terminated satellite processing of distress signals from 121.5 and 243 MHz emergency beacons. All mariners, aviators, and individuals using emergency beacons on those frequencies will need to switch to those operating on the newer, more reliable, digital 406 MHz frequency if they want to be detected by satellites.

Currently only 12-15% of the registered aircraft in the United States are flying with 406 MHz ELTs. This means that there is at least an 85% chance that an aircraft in an accident will only transmit a 121.5 MHz signal, thus remaining silent to the satellites. It will be up to other pilots monitoring the 121.5 MHz frequency in the cockpit to alert Search and Rescue authorities to accidents involving 121.5.

If a 121.5 MHz ELT is heard on guard, report to the nearest air traffic control tower, the time and location of when you first detect the ELT, when it is the loudest and when it drops off your radio.

For further information concerning the termination of 121.5 MHz data processing visit www.sarsat.noaa.gov or contact Switchto406@noaa.gov with any questions.

DONATION PAYS OFF

Bill Joseph K8LIX (SK) donated some radio gear to the club. We sold them at the Swap and made \$227. Bill was Phil N8UUS' best friend since he trained Phil at G M Research in 1952 when Bill was still a technician. Later he became a professional mathematician, physicist, and linguistic expert. They got into ham radio in 1958 as novices; Bill advanced but Phil jokes that he did not until years later.

After months of diagnostic tests, they finally determined that Bill indeed had pancreatic cancer. His chemo was harsh. They discontinued treatment at Bill's request. Phil requests that we pray for peace for him.

Marsha N8FE

CLUB INVENTORY

Rich KC8WPW as the Director is responsible for keeping a list of club equipment and records. We have had many different chairmen over the years with their own notebooks, disks or other record keeping tools and we need to gather them up and get them to Rich. Ideally we also want to have a copy to the President Murray KE8UM.

Another aspect is the Club owned equipment and parts. We may not own much in that department but we need to have a permanent record of what all we have and where it is. No you do not have to measure to the inch every piece of coax, or count every bolt or resistor. But please contact Rich and let him know what you have.

You can call Rich KC8WPW on 586-264-5035. You can email lists to him via shadowru@comcast.net.

POSTAGE UP IN MAY

First Class postage increases in May. They already increased the cost for large flats and packages. They have not announced how much the new first class rate yet. Replenish your supply of Forever Stamps now. A penny saved is a penny earned.

Check out the current rates at the USPS rates website. <http://www.usps.com/prices/first-class-mail-prices.htm>

HEATHKIT MANUALS

As some of you may have read on ARRL's website, .pdf's of Heathkit manuals have been removed from BAMA (Boat Anchor Manual Archive) and other internet sites that provided easy access. This is due to the purchase of Heathkit manuals and reproduction rights by a company called Data Professionals. I first ran into Data Professionals years ago when I purchased a CD jammed full of bootleg Heathkit manuals off eBay from them. Apparently, what's good for the goose, isn't good for the gander! Data Professionals has decided it's not acceptable for anyone else to reproduce Heathkit manuals as they used to, and sent letters instructing these helpful websites to remove them. Shame on Data Professionals for all the Heathkits that will be discarded due to lack of inexpensive access to manuals.

My current Heathkit collection is up to 411 pieces of gear and manuals for well over 1000 (417 actual, plus many electronic .pdfs). Just ask if you need to borrow one, and let's hope it doesn't accidentally fall into the copy machine on the way!

Congratulate Dave K8TRF on his purchase of a rare Heathkit HM-10A Tunnel Dipper at the HPARC swap. Hey, I think I have a manual for it around here somewhere...

Steve N8FH
HPARC Junkologist

WORLD RADIO

WorldRadio magazine is now available online. To download and view the issue, go to the CQ home page at <<http://www.cq-amateur-radio.com>> and click on the "WorldRadio Online" box. You will need Adobe Acrobat Reader in order to read WorldRadio Online. If you do not have it, scroll to the bottom of the welcome page and you will find a link for a free download.

HPARC Shirts and Jackets

Contact Terrill K8MAR

A R O U N D T O W N

15 Feb 2009 **Swap-N-Shop**

Livonia Amateur Radio Club

<http://www.livoniaarc.com/>

Talk-In: 145.35 (PL 100)

Contact: Fred Deschenes, W8GKH

29754 Richland Street, Livonia, MI 48150

Phone: 734-513-8784 Email: w8gkh@arrl.net

Civic Park Seniors Center, 15218 Farmington Road
Livonia, MI

14 Mar 2009 **29th Annual Michigan Crossroads Hamfest
Southern Michigan ARS & Marshall High School Industrial
Arts Club**

<http://www.w8df.com>

Talk-In: 146.660 -600 offset (PL 94.8) & 146.520 Simplex

Contact: Stephanie Halbert, W8AEZ

20960 Capital Avenue NE, Battle Creek, MI 49017

Phone: 269-966-0770 Email: daffne25@yahoo.com

Marshall High School, 701 North Marshall Avenue
Marshall, MI

4 Apr 2009 **ARGYL** <http://www.argyl.org>

(Amateur Radio Group of Youth in Lowell)

Talk-In: 145.27 (LARC repeater) & 146.620 (ARGYL re-
peater)

Contact: Al Eckman, WW8WW

725 Bowes Road, Apt. K6, Lowell, MI 49331

Phone: 616-450-4332 Email: al.eckman@sbcglobal.net

Lowell High School, 11700 Vergennes Street
Lowell, MI

18 Apr 2009 **Milford Swap and Shop**

Milford Amateur Radio Club

<http://www.qsl.net/w8ydk>

Talk-In: 145.49 (PL 67); 146.52 (backup)

Contact: Rose Moore, KC8NQJ

1383 Sylvan Drive, Hartland, MI 48353

Phone: 810-632-5174

Milford High School

2380 South Milford Road, Highland, MI

15-17 May 2009

ARRL National Convention (Dayton Hamvention)

Dayton ARA <http://www.hamvention.org>

Talk-In: 146.940

Contact: Mike Kalter, W8CI

Phone: 937-776-7898 Email: w8ci@arrl.net

Hara Arena, Shiloh Springs Road (Trotwood)
Dayton, OH

Make sure you get your [Contest Dinner](#) and [DX dinner](#) tickets early before they are sold out. Also the MI-QRP group always makes plans for the weekend.

Our club will not have rooms as there was not enough interest last year but you may find other groups still have rooms.

Don't forget the Ann Arbor bus. Information for the bus is at <http://www.w8pgw.org/node/829>

S W A P W I N N E R S

\$100 Ed Walton N8LBS

\$50 Bruce Spence KC8SQI

\$50 Linda Lincoln N8VEP

P A R K I N G P O L I C Y

Handicapped Spots

According to state law in order to park in a Handicap Spot, you display a current Handicap permit (or have license plates) belonging to you or your passenger.

Law does not allow sharing of someone else's permit for the evening so you can have a good parking spot.

By Gym Door

Visitors are not allowed to park behind the kitchen next to the gym door. We may use it as a Loading/Unloading zone for supplies or handicapped persons. However, once completed you must park your car in the lot.

**MAR 11
APR 8
MAY 13
JUN 10**

2009 DATES

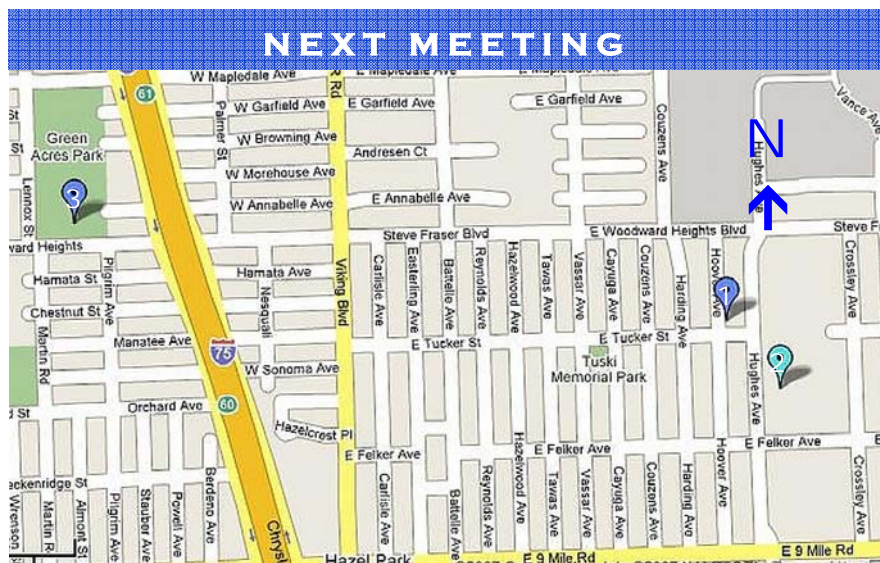
March 11
April 8
May 13
June 10

TIME

Socializing @7:00 P.M.
Meeting @7:30 P.M.

PLACE

Hoover Elementary
23720 Hoover Ave.
Hazel Park 48030



Locations: 1- Meeting 2- Swap 3- Picnic

We're on the Web
www.hparc.org



Hazel Park Amateur Radio Club
P.O. Box 368
Hazel Park, MI 48030



Please check mailing label — is your membership about to expire?