

# The Zero Beat

## THIS MEETING

**May 12, 2010**  
**7:30 P.M.**  
 (socializing begins at 7)  
**Hoover Elementary**  
**23720 Hoover Ave.**  
**Hazel Park 48030**

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## GENERAL MEETING

Our next meeting will be on **May 12** meeting at **Hoover Elementary**. Eyeball meeting starts at 7 pm and **Meeting starts at 7:30**. This month we will hold elections of the Board. In April we had nominations and have a working slate for all positions. Nominations will be opened during elections and anyone can be named for any position. Please come to the meeting so YOU can vote on YOUR Board.

These members were nominated at the April 14, 2010 meeting.

**PRESIDENT—Murray Scott - KE8UM, Bill Ketel II - N8QVS**

**1st. VICE PRESIDENT—Jim Poehlman - K8ABZ**

**2nd. VICE PRESIDENT—Paul DeAthos - AA8OZ , Bill Reilly - K8DRV**

**TREASURE—John Fleming - K8UP**

**SECRETARY—Jerry Begel - W9NPI, Bill Ketel II - N8QVS**

**PARLIAMETARIAN—Bill Ketel II - N8QVS, Ed Walton - N8LBS, Bill Reilly - K8DRV**

**DIRECTOR—Bill Ketel II - N8QVS, Rich Urbano - KC8WPW, Ed Walton - N8LBS**

Rey Bora - W8REY, Election Committee

The Banquet raffle ticket drawing will be held at the May meeting. Tickets are available on Saturdays during the breakfast at Jimi's. They will be sold before the drawing also. They are \$5 for ten tickets. The winner will receive 2 tickets for the Banquet. If you have already bought your Banquet tickets, you will receive a refund. To purchase Banquet tickets contact Rey W8REY at 586-909-9820.

Come early—bring a friend—and see you at the meeting.

## PRESIDENT'S QRM

May is back the grass is green; the air smells good and its nice weather to put antennas up. May is also Dayton Hamvention month. Everyone should to go to Dayton at least once.

May is election month for the Hazel Park Amateur Radio Club. There is still time to nominate someone for a club office at the meeting, before the elections.

Field Day is returning to the Hazel Park School Districts Hazelwood prop-

erty. It's a good place to cook, run generators, have fun and stay overnight. We have had about the same attendance from members at our usual Hazelwood location as we did last year at the park. This year we will be hosting Boy Scouts interested in Radio and there will be a presentation at the May general meeting. Field day weekend is the last weekend in June.

We will need help with set up and tear down. Spend as much time as you can but

*(Continued on page 2)*

## OFFICERS &amp; VOLUNTEERS

- **President:** Murray Scott  
[KE8UM@arrl.net](mailto:KE8UM@arrl.net)
- **1st VP:** Jim Poehlman  
[K8ABZ@arrl.net](mailto:K8ABZ@arrl.net)  
248-310-0086
- **2nd VP:** Dave K8TRF  
248 280-0385  
[k8trf@arrl.net](mailto:k8trf@arrl.net)
- **Treasurer:** John Fleming  
K8UP 248-542-9573 [john@fleming-photo.com](mailto:john@fleming-photo.com)
- **Technical Coordinator & W8HP Trustee :**  
Murray Scott  
[KE8UM@arrl.net](mailto:KE8UM@arrl.net)
- **W8JXU Trustee:**  
Bill Ketel N8QVS
- **Education Coordinator:**  
John Fleming K8UP  
248-542-9573  
[john@fleming-photo.com](mailto:john@fleming-photo.com)
- **Instructors:**  
Rich Urbano KC8WPW  
[kc8wpw@arrl.net](mailto:kc8wpw@arrl.net)  
Marsha Fleming N8FE  
[n8fe@arrl.net](mailto:n8fe@arrl.net)  
John Fleming K8UP  
[john@fleming-photo.com](mailto:john@fleming-photo.com)
- **Contest Mentors:**  
Mike WD8S  
[wd8s@arrl.net](mailto:wd8s@arrl.net)  
Gerry K8GT [k8gt@arrl.net](mailto:k8gt@arrl.net)
- **VE Testing:** Dee Flint  
N8UZE [n8uze@arrl.net](mailto:n8uze@arrl.net)
- **LoTW Manager:**  
Murray Scott KE8UM  
[ke8um@arrl.net](mailto:ke8um@arrl.net)
- **Newsletter/PIO:** Marsha  
N8FE [n8fe@arrl.net](mailto:n8fe@arrl.net)  
248-542-9573
- **HPARC Apparel/ VUCC/  
WAS Awards Card  
Checker**  
Sean Fleming K8KHZ  
[k8khz@ymail.com](mailto:k8khz@ymail.com)
- **Director:** Rich KC8WPW  
586-264-5035  
[shadowru@comcast.net](mailto:shadowru@comcast.net)
- **Secretary:** Jerry Begel  
W9NPI 248-543-2284  
[afcsman@comcast.net](mailto:afcsman@comcast.net)
- **Parliamentarian:** Mike Van  
Buren WD8S  
[wd8s@arrl.net](mailto:wd8s@arrl.net)
- **50/50 & Donuts:**  
Rey Bora W8REY
- **Meeting Coffee:** Ralph  
Augustyniak KC8ZKA
- **Sunday Net:** Bill Ketel  
N8QVS 248-544-2452  
[wkettel2@wowway.com](mailto:wkettel2@wowway.com)
- **Holiday Party Chair:**  
John K8UP
- **Dayton Flea Market:**  
Steve Gladstein N8FH
- **Banquet:** Rey Bora W8REY  
[rey62@aol.com](mailto:rey62@aol.com)
- **Field Day Chair:**  
John Teagardin, AA8UU  
[aa8uu@arrl.net](mailto:aa8uu@arrl.net)
- **HPARC Official Cook:**  
Bill N8QVS
- **Swap:** Mike Van Buren  
WD8S [wd8s@arrl.net](mailto:wd8s@arrl.net)  
Assistant Swap Chair  
Walt Carter KD8LWC  
[pidge4645@aol.com](mailto:pidge4645@aol.com)
- **Webmaster:** Marsha N8FE
- **MS Walk Chair:**  
Phil AA8KR 586-838-4139
- **Walk for Babies Chair:**  
Jim K8ABZ [k8abz@arrl.net](mailto:k8abz@arrl.net)

## QRM CONT.

(Continued from page 1)

stop by. If you are a new operator this is a good time to learn and get experience. Everyone can try different radios, see different antennas and learn how to set them up.

Please let John, AA8UU our field day chairman know what you can bring to field day and when and what you can operate. We need to plan field day ahead of time for a successful good time. The antenna layout should be planned in advance. It's hard when everyone shows up at the last minute.

The Hazel Park Amateur Radio Club banquet is in June, the second Wednesday of the month, in place of our regular meeting. The club has to pay for a minimum of fifty settings so we need you to come and bring a guest. Please buy your tickets (\$20) at the May meeting or see Rey at the Saturday morning breakfast. Last year Rey had to go through the roster and call people. I hope that is not needed this year.

The club picnic is the second Wednesday in August.

Remember the club is here to help each other. If you have antenna work you need help with or some other amateur radio related project let someone know. If you don't get a response by email call them on the phone (emails don't always go through or get read in a timely fashion).

From the Amateur's Code: "The Radio Amateur is: **PATRIOTIC...**, station and skill always ready for service to country and community." This is from an ARRL publication.

Radio is fun, have some  
Murray, KE8UM

### WELCOME NEW MEMBERS

**Pete Anderson, KD8NPZ**  
**John Gononian, KD8JNG**  
**Ron Miotke, KD8MNX**  
**Phil Nichols; N8AYE**  
**Troy Uyematsy, KD8NQF**

## HPARC NETS

### 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.

### 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!

### 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](mailto:joecuchetti@comcast.net) or Ed, W8EDE [ed@ellisgen.com](mailto:ed@ellisgen.com).

### Oakland County 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](http://www.qsl.net/w8oak)

### NTS Traffic Nets

the Southeast Michigan National Traffic System (NTS) net Normally held every night at 10:15 PM local time on 145.33 MHz. Repeater. New people are welcome.

## 2010 BANQUET



The banquet will be held at **DeCarlo's Banquet Center** (one block East of Mound Rd.). The ticket price remains the same as last year at \$20.00 each.

**Date:** June 9, 2008

**Time:** 7pm-10pm

**Cost:** \$ 20.00 per person

**Place:** De Carlos Banquet Center  
6015 E. Ten Mile Rd. (east of Mound Rd.)  
Warren MI 48091

Banquet ticket includes your chance to win a door prize including a nice radio. So be sure to get yours.

In place of our regular 50/50 raffle at the May meetings, we will raffle a pair of banquet tickets (a \$40.00 value) to one lucky member or guest.

These raffle tickets will be (10) for \$5.00. If the lucky winner had already purchased their tickets, they will get a refund for those tickets.

**Deadline for reservations is May 31, 2008**, so I can have the payment to De Carlos in time for the deadline. We are required to pay for a minimum of 50 people. The room holds up to 75 people.

For additional information or to purchase tickets, please contact:

Rey Bora - W8REY at (586) 909-9820

Paul DeAthos - AA8OZ at (248) 330-9551

### HPARC JACKETS

SIZE	FLANNEL	QUILTED
S—XL	40.00	45.00
XXL	43.00	48.00
3XL	46.00	51.00

\$10 Off First Jacket

\*payment due with order.

### T-SHIRTS \$10

Send check payable to HPARC to:

P.O. Box 368, Hazel Park, MI 48030

## NEWS FROM DOT

Hi Guys!! Long-time no-see/talk! I'm commuting every-day to Lansing, now, and it's taking a lot out of me - long drive, long days.

I just heard about a group/program called ARMAD - Amateur Radio Military Appreciation Day - and was curious if the club is aware of it, or has any plans to participate on May 29th this year?

Dot. W8DOT

[ED note—well, folks, what do you say?]

## C Q D X . . .

Visalia, CA, (Friday, April 16, 2010) - A new organization - The World Wide Radio Operator's Foundation, Inc. -- was announced today at the 61st International DX Convention held in Visalia, CA. The WWROF was created with the goal of advancing the skill and art of radio operating. The group's mission statement states that it is "dedicated to improving the skills of amateur radio operators around the world, utilizing education, competition, advancement of technology and scientific research, promoting international friendship and goodwill, and preparing them to better serve society in times of communication need." The WWROF further believes that on-the-air contests provide a good test of operating skills and immeasurable value to amateur radio overall.

According to WWROF Chair Doug Grant, K1DG, "The founders were concerned that the infrastructure currently used to support and adjudicate many events was funded by volunteers. New enhancements to the contest-administration process will require significant financial support, and until now there has been no independent organization to raise and administer such funds." The WWROF was created to allow the broader contest community to participate in enabling advances in contest administration.

The WWROF is incorporated as a non-profit organization in the state of Ohio, and is pursuing tax-exempt status under Section 501(c)3 of the Internal Revenue Code so that donations to the foundation will be tax-deductible.

"In addition to contest administration improvements, the WWROF is excited about supporting high impact operating-oriented projects such as training activities and content, recruitment programs for new contesters, deployment of state-of-the-art technologies for enhanced log checking or simply improved awards programs for contest participants," Grant added.

The WWROF Board of Directors consists of a group of well-known and respected operators, including K1DG; John Dorr, K1AR; Bob Cox, K3EST; Tim Duffy, K3LR; Mark Beckwith, N50T; Ralph "Gator" Bowen, N5RZ; and Tom Lee, K8AZ. In addition, the organization's Advisory Committee includes Ken Wolff, K1EA; George Fremin, K5TR; Randy Thompson, K5ZD; Trey Garlough, N5KO; and Larry "Tree" Tyree, N6TR. More information and opportunities to get involved can be found at their Web site, [www.wwrof.org](http://www.wwrof.org)

## C O N T E S T C O R N E R

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

**May 2010**

- 3 RSGB 80 m Club Championship - SSB
- 5-9 AGCW Activity Week - CW
- 6 10 meter NAC - CW/SSB/FM/Digital
- 8-9 A. Volta RTTY DX Contest - RTTY
- 8-9 CQ-M Int. DX Contest - CW/SSB
- 8-9 Nevada Mustang Roundup (NEQP) - CW/SSB/RTTY
- 12 RSGB 80 m Club Championship - PSK/RTTY
- 15-16 H. M. The King of Spain Contest - CW
- 16 Worked All Britain Contest - Phone
- 17 Run For The Bacon QRP Contest - CW
- 29-30 CQ WW WPX Contest - CW

**Contesting 101 Webinar**

Kirk Pickering, K4RO, National Contest Journal (NCJ) Contesting 101 column editor shares tips and tricks for the beginning contest operator and maybe even something for the old timer.

The on-line Webinar is sponsored by the Potomac Valley Radio Club (PVRC). The event will be held Friday, May 7, 2010 at 9 PM EDT. All you need is your PC, speakers, and an Internet connection.

You must register by going to

<https://www2.gotomeeting.com/register/604051586>

Registration is free.

You can also find the link, and recorded events from earlier Webinars, by going to [www.pvrc.org](http://www.pvrc.org).

PVRC is also sponsoring the May 25 "VHF Contesting: What To Do and How To Win" Webinar

(<https://www2.gotomeeting.com/register/978706411>).

Questions or comments can be sent to

[k4zw@comcast.net](mailto:k4zw@comcast.net)

Have you been an amateur radio operator for at least 25 years?



Then join the Quarter Century Wireless Association SE Michigan **Chapter 215**.

Contact John K8UP, Secretary at

[john@fleming-photo.com](mailto:john@fleming-photo.com)

## A P R I L M E E T I N G M I N U T E S

**Hazel Park Amateur Radio Club Meeting Minutes: On 14 April 2010 at 7:30 pm,** Murray Scott – KE8UM, President called the meeting to order in the Hoover Elementary School. The order of business began with (I). Steve Gladstein - N8FH who made his presentation: "Confessions of a Heathkit Junkie."

(II). **Nomination of New Officers:** The nomination committee consists of Phil Ode – AA8KR, Christine Ode – N8WIQ, and Rey Bora -W8REY. Murray reviewed rules for nominations and duties of each elected officer. Nominated were:  
 President: (1) Murray Scott – KE8UM and (2) Bill Ketel II – N8QVS  
 1st Vice President: (1) Jim Poehلمان – K8ABZ  
 2nd President: (1) AA8OZ – Paul DeAthos, (2) K8DRV – Bill Reilly  
 Treasurer: (1) John Fleming - K8UP  
 Secretary: (1) Jerry Begel – W9NPI, (2) Bill Ketel II – N8QVS  
 Parliamentarian: (1) Ed Walton - N8LBS, (2) Bill Ketel II – N8QVS, (3) Bill Reilly - K8DRV  
 Director: Rich Urbano - KC8WPW, (2) Bill Ketel II – N8QVS, (3) El Walton - N8LBS

(III). **Report from the President, Murray Scott – KE8UM:** At next month's meeting, nominations will be reopened for additional candidates, followed by elections. Dee Flint – N8UZE and her husband Carl – N8AE are moving to California next month and a new VE team leader will be needed. Paul DeAthos presented Murray with a box of old DART records from Sally, widow of Richard Zick – N8MQU. City of Southfield sent Jerry Begel a letter thanking Hazel Park ARC for their amateur radio classes which helped promote service to the city. The Club Banquet will be held Wednesday, 9 June 2010 and a minimum of 50 tickets must be sold to break even. Rey Bora – W8REY will sell these tickets and hold a drawing for two banquet tickets. More prizes will be added this year.

(IV). **Reports from the Treasurer, John Fleming – K8UP and Secretary, Jerry Begel – K9NPI:** Treasurer's (1) monthly report and (2) the proposed annual budget were approved. Secretary's report was approved as written in the Zero Beat.

(V). **Other Items:** Rey Bora – K8REY needs amateur radio volunteers for the 3 day Polish Century Club of Sterling Heights Festival on the 2nd weekend of July. Tech and extra classes continue, and a tech VE exam will be 7 May 2010 from 7-9 pm at the Southfield EOC. Bill Bond – W8WRB hopes to be home from the hospital this week, after breaking a leg and developing complications. New members are Peter Anderson – KD8NPZ, Troy Uyematsu – KD8NQF, John Gononian – KD8JNG, and Ronald Miotke – WD8MNX. Upgraded to General Class is Kevin Zanotti – KD8ZOT. Marsha Fleming – N8FE states club jackets have been ordered. New t-shirts came back with the club logo imprinted on maroon. One member commented that the logo needed to be somewhat reduced so that it would completely show above the waist line and this was acknowledged. The T-shirts will sell for \$10. Upcoming events and contests can be found on the last issue of Zero Beat.

Respectfully submitted, James R. Murphy, N8SML, substitute Secretary.

## O A K A P P L E R U N



This year's race will be held on June 5th. The pre-race meeting will be on Wednesday June 2 at 6:30 pm at the First Methodist Church in Royal Oak, On the Corner of Seventh and Washington.

At the pre-race meeting there will be pizza served and Tee shirts will be given to all volunteers. At that time the police should be there to help with concerns and posts will be given to all.

Please contact Mike WD8S at [wd8s@arrl.net](mailto:wd8s@arrl.net) He needs to get a feel on how many hams, "I can get and how much more begging I may need to do."

If you can't make it to the Pre-race meeting please let me know and I will do my best to keep you in the loop. Thanks for all your help and I looking forward to another great race.

Mike WD8S  
chairman

## MICHIGAN BIKE MS



The dates for this years Michigan Bike MS events are as follows. West Michigan June 12-13, 2010 - Mid Michigan July 17-18, 2010 and new this year the Bavarian Breakaway

September 26-27, 2010.

The Michigan Bike MS events are held to help the Michigan chapter of The National Multiple Sclerosis Society, raise funds and awareness for people living with Multiple Sclerosis (MS) in Michigan.

As ham communicators our goals are to provide comprehensive, state-of-the-art amateur radio communications to support the MS Society, and at the same time to encourage as many amateurs as possible to participate in what has become the largest Public Service Events in Michigan.

We need your continued support to expand and continue this role in communications. Information for the different events are listed on the new website

<http://mibikemshams.org/>

I look forward to seeing all the old faces and new faces at the events this year.

Thanks 73, Fred – W8FSM, Michigan MS-150 Amateur Radio Communications Manager (ARCM)

Fredric Moses - W8FSM

[fred@moses.bz](mailto:fred@moses.bz)

## FIELD DAY 2010

### OPs needed! CQ Field day, CQ Field day, this is W8HP...

This year field day will be at Hazelwood properties in Oakland county on Saturday and Sunday, June 26-27th. Hazelwood is on Dixie Hwy just north of the Grange Hall Road Exit on I-75. We usually meet at a Big Boy's on Saturday morning at 8AM. The Big Boys is at the Baldwin Rd exit on I-75 near great lakes crossing.

We are hosting some Boy Scouts who will be camping out in the field, and accompanied by their leaders.

We plan to put a GOTA station on the air, plus 5 other HF stations, and a VHF station. We'd like to give everyone a chance to operate, and we do have 24 hours of on air time to fill. So come out, have some fun setting up, and making all those Qs.

## MEET MRS. DU BOIS



We know her as Christine Ode. On May 1 our "little" Christine told everyone how much she loves John Du Bois at their wedding. They are on their way to Alaska for their honeymoon. She promises pictures upon her return.

Many of you may remember the little girl who grew up at Hazel Park ARC. We have been lucky enough to watch her grow into a lovely lady. We her second family can only wish her and John the normal wedding wishes of a long and happy marriage. Be fruitful and multiply. Never go to bed angry. HAVE FUN

73 and 88, Your HPARC family

## SEMTN QSY

This has been a great year for the NTS. So good that hams are joining the net from all over SE Michigan. In order to accommodate them organizers for SEMTN have decided to move to a broad coverage repeater.

Beginning **Sunday May 9 at 2215 EDT** the SEMTN will be held every evening on the Spirit of 76 repeater on frequency **146.76 – ( 100 Hz PL)**.

No experience is required to join the net. If you would like some information on passing traffic, join the SEMTN Yahoo group at <http://groups.yahoo.com/group/SEMTN/>. Files to download from the Files section are:

- ◆ pscm.pdf
- ◆ Common Text Messages.doc
- ◆ ARRL Numbered Messages.doc

## W I A W O N E C H O L I N K

Audio from W1AW's CW code practices and CW/digital bulletins is now available using EchoLink via the W1AW Conference Server "W1AWBDCT." The 9:45 PM ET phone bulletin is currently unavailable via W1AWBDCT. The audio is sent in real-time and runs concurrently with W1AW's regular transmission schedule.

According to W1AW Station Manager Joe Carcia, NJ1Q, this server is currently at an experimental stage: "Since the server is located at ARRL -- and uses the ARRL's Internet connection -- there may be an issue as to how many users can connect to W1AWBDCT via EchoLink.

The current number of connections is set to 350. If the current system can properly handle these connections without adversely affecting the performance of the conference server, this number will be bumped up higher." All users who connect to the conference server are muted. Please note that any questions or comments should not be sent via the "Text" window in EchoLink. Please send any questions or comments via e-mail to

" You see, wire telegraph is a kind of a very, very long cat. You pull his tail in New York and his head is meowing in Los Angeles. Do you understand this ? And radio operates exactly the same way: you send signals here, they receive them there. The only difference is that there is no cat. "

*Albert Einstein*

## L E A R N C W

Did you know that by learning morse code you double the frequencies you can use without taking a test? That's because they already are part of your license but are allocated to CW mode.

Therefore, by not knowing code you are cutting off HALF of your privileges. Think of all of the people you could talk to if only you knew code: all that rare DX or for Technicians--the ability to get on HF and talk to people around the world and work toward your DXCC.

There are several ways to learn code. You can download free programs like G4FON [[www.g4fon.net](http://www.g4fon.net)] and you can study online at [www.lcwo.net](http://www.lcwo.net) .

## A R O U N D T O W N

**DAYTON BUS** courtesy of the Arrow Club again this year leaving on Saturday May 15 @ 4:30A from Ann Arbor. The cost is \$60 + hamvention ticket contact President Dan-KB6NU @ 734-930-6564.

### TRUNK SALES

USECA - July 25 & Aug 22 in the parking lot of the Elks Lodge in Mt Clemens.

GMARC - May 22, July 17 & a September TBD. This will be at Trinity Lutheran Church @ Van Dyke & Hall Road.

### SWAPS :

June 20, 2010

Monroe County Radio Communications Assn

<http://www.mcrcra.org> Talk-In: 146.72/12

Contact: Fred VanDaele, KA8EBI

Phone: 734-242-9487 Email: [ka8ebi@yahoo.com](mailto:ka8ebi@yahoo.com)

August 15, 2010

Lapeer County Swap and Shop

<http://www.w8lap.com>

Talk-In: 146.62 (PL 100)

Contact: William Miller, KD8VP

Phone: 810-797-5329 Email: [kd8vp@arrl.net](mailto:kd8vp@arrl.net)

**Pre Field Day trial run on June 6**, (Sun) @ the Metro Beach jet ski area organized by USECA. This is open to anyone who wants to test there station or just make contacts.

**Packard Proving grounds Historic Site** is looking for volunteers to help with the restoration & their **1920's amateur radio station**. They are hosting an open house on April 25 @ 1-5 PM. They are looking for guides, security and parking attendants, etc. Contact [Andy@a1xdrew@yahoo.com](mailto:Andy@a1xdrew@yahoo.com). The site is located on Van Dyke, north of 22 Mile Road.

**Plymouth historical museum** has a complete ham radio station with past & present equipment. It is located at 155 South Main Street, Plymouth, Mi., 734-455-8940, hours Wed, Fri, Sat & Sun, 1-4PM.

INTER - CLUB LIAISON by Jim Stafford-K8LFE

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**2010 DATES**

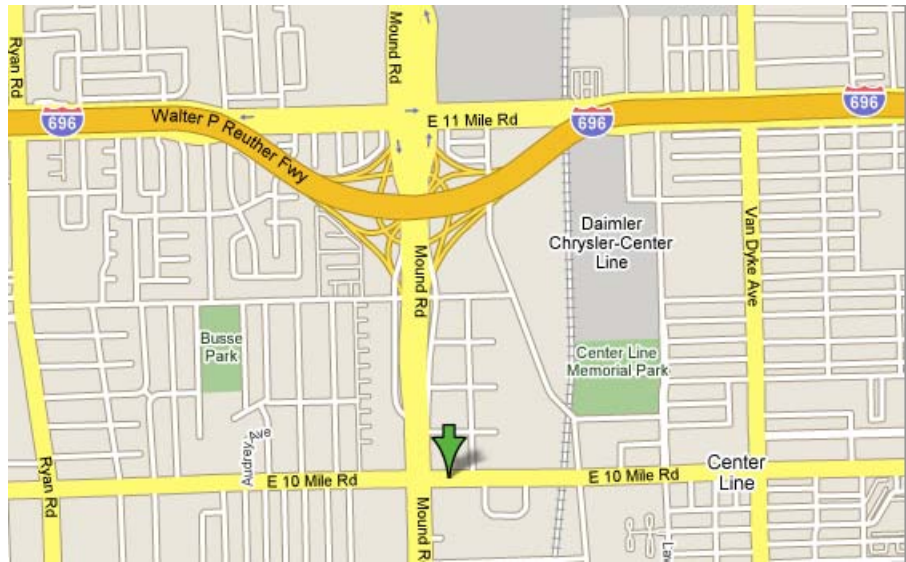
**Banquet June 9**  
Field Day June 26-27  
Picnic August 11

**TIME**

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

**PLACE**

Hoover Elementary  
23720 Hoover Ave.  
Hazel Park 48030



Watch for construction on I-696

We're on the Web

[www.hparc.org](http://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?