

# The Zero Beat

## THIS MEETING

**April 13, 2016**  
**7:30 P.M.**  
**UFCW Hall**  
**876 Horace Brown Dr.**  
**Madison Heights, MI**

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## GENERAL MEETING

The next meeting of the Hazel Park Amateur Radio Club will begin at 7:30 PM. Socializing starts around 7:00 PM. The meeting location is south of 13 Mile Rd, between John R and the I-75 freeway. Turn south at the stoplight at Barrington St, then just before the dead end sign, turn right onto Horace Brown Dr. Enter the parking lot on the left, then **enter the building on the east side where you see the club banner**. Come early and visit with fellow hams. Everyone is welcome to come to the meeting and bring a friend along.

**John AA8UU and the Field Day team** have been busy at work planning an exciting Field Day. He will present their plans at the April meeting. We have a new location in Hazel Park with more room and privacy. There will be plenty of air time for everyone. Bring your Field Day questions for the team to answer.

**Mike WD8S** organizes the hams for the **Oak Apple Run in Royal Oak**. He has a core of volunteers but can always use more. Mike will talk about this major Public Service activity that Hazel Park club supports. See the meeting information on page 8.

## PRESIDENT'S QRM



Its April, meaning June will be here before you realize it. In June, HPARC participates in a national event called Field Day. "Field Day is part educational event, part operating event, part public relations event – and ALL about FUN" states ARRL. I agree.

Last year we set up operating stations for a variety of bands, 10, 15, 20 40, 80 and 6 meters as well as a Get On The Air

(spoken as the GOTA) station. We operated Phone, CW and digital for 24 hours straight. Considering the size of the club, the attendance was moderately small.

This is the time when Technicians have the opportunity to work and gain the experience of HF at its finest hours. This is also the time to learn about antennas, as well as, bring your own concoctions and give them a try.

My first Field Day with the club, 15 years ago, afforded me the opportunity to raise a 170 foot 70 meter vertical using helium balloons as the means to get the elevation. Not only that, but 120 1/8 lambda radials were spread out for the ground plane. I was new to the HF lower bands; I never realized the punch the antenna portrayed until a few years later when I put up my own 75 meter in

(Continued on page 2)

## OFFICERS

- **President:** Ken Krause  
AD8M 248-928-4747  
[ken@mrkrause.com](mailto:ken@mrkrause.com)
- **1st VP:** Jim Poehlman  
K8ABZ 248-310-0086  
[k8abz1@gmail.com](mailto:k8abz1@gmail.com)
- **2nd VP:** John Teagardin  
AA8UU [aa8uu@arrrl.net](mailto:aa8uu@arrrl.net)
- **Secretary:** Reuven  
Gevaryahu KB3EHW  
[kb3ehw@arrrl.net](mailto:kb3ehw@arrrl.net)
- **Treasurer:** Jonathan  
"JD" Devine KD8VXZ  
248-821-3045  
[therealjd@live.com](mailto:therealjd@live.com)
- **Director:** Dan Conroy  
KD8SPD  
[danconroysr@yahoo.com](mailto:danconroysr@yahoo.com)
- **Parliamentarian:**  
Ed Walton N8LBS  
248-649-5851  
[waltoned@sbcglobal.net](mailto:waltoned@sbcglobal.net)

## VOLUNTEERS

- **Technical Coordinator & W8HP Trustee :**  
Tony Gallucci N8VR  
248-417-9740  
[n8vr@arrrl.net](mailto:n8vr@arrrl.net)
- **W8JXU Trustee:**  
Bill Ketel N8QVS
- **Education/VE Testing:**  
Jerry Begel W9NPI  
[w9npi@comcast.net](mailto:w9npi@comcast.net)
- **Public Information Officer:**  
Jerry Begel W9NPI  
[w9npi@comcast.net](mailto:w9npi@comcast.net)
- **LoTW Manager:**  
Murray Scott KE8UM  
[ke8um@arrrl.net](mailto:ke8um@arrrl.net)
- **Webmaster:** Larry Koziel  
K8MU [k8mu@amsat.org](mailto:k8mu@amsat.org)
- **Newsletter & Siren Tests:**  
Marsha Fleming N8FE  
248-542-9573  
[n8fe@arrrl.net](mailto:n8fe@arrrl.net)
- **Contest Mentors:**  
Mike WD8S [wd8s@arrrl.net](mailto:wd8s@arrrl.net)  
Gerry K8GT [k8gt@arrrl.net](mailto:k8gt@arrrl.net)
- **Meeting Coffee & Donuts:**  
Dan Conroy KD8SPD
- **Sunday Net:**  
Bob N8REL 2nd and 3rd  
Lee KD8TBC 1st and 4th  
Bill N8QVS filling in
- **VUCC/WAS Awards Card Checker:** Sean Fleming  
K8KHZ [k8khz@arrrl.net](mailto:k8khz@arrrl.net)
- **Banquet:** Ray W8REY
- **Field Day Chair:**  
John Teagardin, AA8UU  
[aa8uu@arrrl.net](mailto:aa8uu@arrrl.net)
- **HPARC Official Cook:**  
Bill Ketel N8QVS
- **Hamfest Chair:** Hugh Boyle  
KE8BED (248) 755-6094  
[HazelParkSwap@gmail.com](mailto:HazelParkSwap@gmail.com)
- **Holiday Party:** The Board
- **Oak Apple Run Royal Oak:**  
Mike Van Buren WD8S  
[wd8s@arrrl.net](mailto:wd8s@arrrl.net)

## QRM CONT.

(Continued from page 1)

my yard.

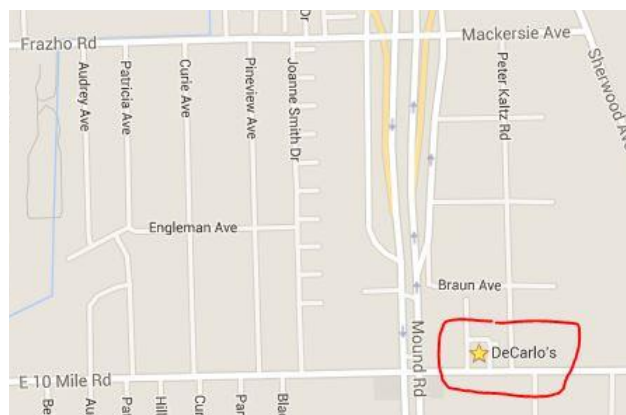
I present this to you because you too have the same opportunity with the help of many other onlookers and supporters. Yes, it is fun and gets into your blood. It's not all about contesting; Field Day offers something for everyone. I expect to see a great turn out this year.

June is the month of the **Annual HPARC Banquet** as well. With so many new members it would be great to see a large turnout. This year 2 of the door prizes will be an HT and a dual band mobile radio. If you don't show, you can't win. The great part about this is that the price of the raffle for these wonderful prizes is included in the price of the admission. I must point out that even if you don't win, many of the winners will sell their prize at a substantially reduced price. Included in last year's door prizes were many multi meters of which were given back to the members who need them. The banquet is for everyone, friends, kids, wives, and husbands.

If you were at the last meeting the request went out for pictures for a slide show. Please keep that in mind, any picture which seems appropriate for the club we would like to put in the loop. Help us make this banquet the one that is forever talked about. Send your pictures to [HPARCBanquet@gmail.com](mailto:HPARCBanquet@gmail.com)

Throughout the April meeting, there will be banquet tickets being sold. No excuses now.

Ken AD8M  
President



## MARCH MINUTES

- ◆ Meeting called to order at 7:32pm by President, Ken AD8M and led the Pledge of Allegiance.
- ◆ Ken Announced that the club would be upgrading one of the repeaters to a Yaesu C4FM (System Fusion) repeater with digital capabilities. Reuven gave a brief overview of the proposed system, but noted that the repeater committee is still working on the details.
- ◆ Ken announced that members should take photos of each other and radio-related activities, and send them to [HPARCBanquet@gmail.com](mailto:HPARCBanquet@gmail.com). A slide show will play these photos at the June Banquet.
- ◆ Mike WD8S gave an overview of the Oak Apple Run event, and asked for operators to contact him. The event will be June 4th, and there are some route changes because of construction.
- ◆ The XYL of a SK former member brought a handheld radio that he had chosen at the banquet last year, and asked that it be added to the pool of banquet prizes this year.
- ◆ Don WA8E is the first member of the nominating committee, looking for a second member and nominees for board positions next year. Contact him [don818@gmail.com](mailto:don818@gmail.com) if you are interested in either of those.
- ◆ Ken AD8M distributed club business cards to promote the club Swap and repeater.
- ◆ Introductions were made.
- ◆ Ken looked for a shopper for door prizes for the banquet. Aaron W8VIP offered.
- ◆ 1 new ham, 1 upgrade, and 1 visitor were present and introduced.
- ◆ Jerry W9NPI gave a presentation on the history of recording devices. There was a coffee and donuts intermission during the presentation.

### Member-to-member:

- ◆ Aaron W8VIP announced that he created a HAMs of metro Detroit Facebook group, and put in place a new buy/sell feature that Facebook recently added.
- ◆ Wes AC8JF announced that Larry K8MU is on T32 with several other local Hams, and is active on 160-10m including 60m.
- ◆ Marsha N8FE announced that siren tests had resumed and that the April test will be on a Wednesday instead of the first Saturday of the month, and therefore they need others who are able to verify siren operation on a weekday to contact her.
- ◆ Ken announced that we are looking for Zero Beat contributors, and to contact Marsha N8FE.
- ◆ The treasurer's report slide was shown on screen.
- ◆ The meeting was adjourned at 8:50pm

Respectfully Submitted, Reuven KB3EHW

## HELP A MEMBER

As you may be aware, for many months i have been severely disabled physically and not able to attend meetings as before for many years. I am now in need of club assistance in desire to setup a new vertical antenna on an existing base pipe and restring a dipole end which has fallen over the winter. I am unable to navigate in the forest woods where the antennas are located but have tools, slingshot marble tool to throw rope over tree branch, rope, coax cable, SWR analyzer, and bubble level to assure base pipe is exact vertical to start. the fallen dipole end is clearly marked with a yellow tie ribbon and the securing tree has a yellow ribbon also for ID location thus locating and re-setup of dipole end can be done without great difficulty am sure.

I am looking to do this setup on the weekend of April 9 or 10, Saturday or Sunday, as the group may be most convenient. I am seeking at least 3 or 4 people from the club to help me do these spring projects as i can no longer do them myself any longer due to decline in health. I can be reached by any club members for assist at my cell...248 310-0740 or email at [k8ikw@aol.com](mailto:k8ikw@aol.com)

## NOMINATIONS



**ELECTIONS AHEAD**

### WE NEED YOU!!!

Open positions for the Board are:  
President  
1st Vice President  
Treasurer  
Director

It's been said before but worth saying again— **ALL Board positions are open for elections.**

The Board seats are voted on each year by the membership and any member who meets the criteria and gets the votes wins the opportunity to Lead HPARC forward.

Is that person going to be YOU?

If you would like to volunteer, call Don WA8E on 313-717-2157 or email at [don818@gmail.com](mailto:don818@gmail.com)

## FREE ARTICLES

From newbie to experienced Engineer, this website has some interesting Electronic Design articles. They are technical in nature but don't let that stop you from reading them. If you don't happen to be a degreed Engineer or self-taught then get what you can out of it and then go talk to one of those other types and they'll be happy to discuss it.

This one is on new digital wireless modulation. I skimmed over the math as it was too much for me but then I am NOT an Engineer, I just know a few. Thanks Ken AD8M for the article.

[http://electronicdesign.com/communications/understanding-modern-digital-modulation-tech-niques?code=UMClassics31a&utm\\_rid=CPG05000004673140&utm\\_campaign=5286&utm\\_medium=email&elq2=ab75c1a5dd0f4760b7cd4967e5d8ca67](http://electronicdesign.com/communications/understanding-modern-digital-modulation-tech-niques?code=UMClassics31a&utm_rid=CPG05000004673140&utm_campaign=5286&utm_medium=email&elq2=ab75c1a5dd0f4760b7cd4967e5d8ca67)

[ED-in order to download the pdf files, you have to register with your email address. It's safe.]

## SUNDAY NET

Special thank you to our Sunday Night Net Control Ops!

- 1) Bob Lauer N8REL 2nd and 3rd Sundays
- 2) Lee DeRosia KD8TBC 1st and 4th Sundays
- 3) Bill Ketel N8QVS filling in

For those of you who are new or don't know, this net has been around since HPARC started. This is our Sunday night CHAT. Our chance to keep each other informed about what's going on with each other in an informal way. Think of it as our Twitter on the Air.

It's an informal net. So join us on Sundays at 2100 on the DART (146.640 ) and set a spell. Just give your call when Net Control asks for suffix beginning with ... and you will be acknowledged.



Check out the  
Banquet info  
on page 7

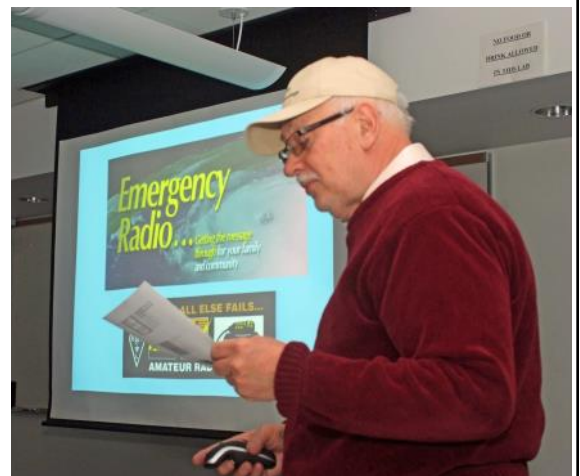
## HPARC AND LTU PRESENTATION

Members from HPARC presented amateur ham radio to high school students at Lawrence Technological University.



More pictures on the next page





## QSO PARTIES

### April

2-3 – Mississippi\*, Missouri

9-10 – Georgia, New Mexico\*

16-17 – **Michigan**, Nebraska, North Dakota\*, Ontario

**30-May 1 – Florida** (date change for this year)

Please be aware that Florida changed the date this year and they will be on the air **TWO weeks after Michigan QSO Party**. They changed the date this year to allow the large numbers of Florida Jewish hams to celebrate the holy days of Passover on Friday and Saturday with their families. Information is available on their website.

<http://www.floridaqsoparty.org/>

The Mad River Radio Club is the Host club for the **Michigan QSO Party**. If you are interested in contesting, they are a good one to join. Several HPARC members are also MRRC members. Mike WD8S, Gerry K8GT, Marsha N8FE to name a few. You can get more info on the Michigan QSO Party on their website <http://madriverradioclub.org/>

Working State QSO Parties are great ways to get your **WAS and 5 Band WAS**. Another thing you want to do is make sure to get yourself set up with **LOTW**. If you need help

## QSL CUBA DIRECT

The US Postal Service is now delivering mail directly to Cuba, as part of the general thaw in relations between the USA and Cuba. So QSL cards sent there will no longer travel via third countries.

There's still a catch. You can't just send "green stamps" with a card to pay for return postage. The USPS still prohibits sending cash in letters to Cuba. So the alternatives remain sending IRCs, donations via PayPal, and using a QSL manager in another country. The QSL Bureau works, too.

<http://wpo.st/SGuM1>

[http://pe.usps.gov/text/imm/ce\\_017.htm#ep1416554](http://pe.usps.gov/text/imm/ce_017.htm#ep1416554)

73, Wes AC8JF

## FROM THE DART:

Hope you are using Echolink on the 440 side of the DART! When we added IRLP to the machine a while ago, it came with the option to add Echolink pretty easily. What wasn't so easy was getting a callsign associated with it; we already use W8HP/R for the 2 meter machine, so that was out.

We decided that the club call, W8JXU would be appropriate, and started the paperwork to get that going. If you've ever registered for Echolink under your own callsign, you know its not too difficult--the Echolink people just want you to prove that you own the callsign and are actually a licensed ham radio operator. Its a little more difficult when its a club, because you have to be the trustee of the call. So who is the trustee of W8JXU? Our very own Bill/N8QVS. As it turns out, the callsign had to be renewed this year, and we were able to accomplish getting the callsign renewed and set up Echolink under W8JXU with some additional paperwork.

Speaking of Bill, he's going to be doing some antenna work at the south remote receive site as soon as this weather decides to stay warm. We've never had a proper tower for both antennas there, and the current setup leaves a lot to be desired. Bill will provide some tower pieces and get the antennas upright again. If you'd like to assist him, I'm sure he'd appreciate the help!

We are always looking to improve the repeater, and one thing we are considering is the **Yaesu DR-1 144/430 Dual Band C4FM/FM Digital Repeater**. It allows for both analog and digital transmissions, and is relatively inexpensive. See more information about it here:

<http://www.yaesu.com/indexVS.cfm?cmd=DisplayProducts&ProdCatID=249&encProdID=4105F1B8AE65079CAD2D26735B83B302>

Are you interested in learning more about both repeaters and assisting in their operation? Contact Tony/N8VR ([n8vr@arrl.net](mailto:n8vr@arrl.net)), Ken/AD8M or John/AA8UU, and we'll get you involved!

Tony/N8VR

# HPARC BANQUET

June 8 2016



**SDR DEMO**

**PHOTO  
SLIDE SHOW**

**DOOR PRIZES**



Included in the price  
of the ticket

**DUAL BAND RADIO**  
Hand Held 2 Meter radio  
and many more



*You are encouraged to bring a guest!*

**Location:** DeCarlo's Convention Ctr.  
6015 E 10 Mile Rd (at Mound)  
Warren, MI (888) 270-7936

[Directions](#)

**Tickets \$20.00 per person**

**Make Checks payable to: HPARC**

**Mail to: HPARC Banquet**

**Po Box 368**

**Hazel Park, MI 48030**

**Include your Call**

**Name, Address Phone and Email**

**LET US KNOW YOU ARE COMING**

Please send me a note.

[HPARCBanquet@gmail.com](mailto:HPARCBanquet@gmail.com)

**TO BUY TICKETS – Contact:**

**Rey W8REY — 586 909 9820**

**Margaret Conroy — 248 496 3322**

*Tickets also available at the April and  
May meetings and the Saturday  
breakfast*

**GREAT  
FOOD**

**CASH BAR**

**PLAYOFFS**

Longest Member M/F

Youngest Member

Most Interesting Call Sign

Largest Family Membership

Longest Drive to the Banquet

Most Elaborate Antenna System

Most Elaborate Shack

Oldest Original Operating Call

**NO TICKETS**

**SOLD AT**

**THE BANQUET**



## HPARC NETS

**HPARC Official Sunday Night 2-meter Phone Net**  
Every Sunday at 9:00 PM local time on the DART repeater, 146.64 (PL 100), catch up on club news and information, and just to keep in touch. All amateurs are welcome to check in.

**Thursday Night Youth Net**, 8 PM EST on the DART repeater, via Echolink \*759629 (W5DDL-R).

**Yacht Net**, Saturday night, 8 PM EST. A youth net on the DART repeater, via Echolink \*481872 (W8PIF-R).  
Homepage: <http://yachthams.webstarts.com>

**N8WYO CW net** (Medium speed)  
Named in memory of Al N8WYO. The net meets Tuesday night at 8:00 PM on **28.028 MHz** All amateurs are welcome. CW speed fluctuates between 20-25 WPM, but Joe will slow it down if necessary. Listen in at 8 PM sharp!

**Wolverine Net**  
The 75 Meter Wolverine Net meets on 3935 KHz daily at 7:00 PM local time, with pre-net starting at 6:00 PM. You can get details from <http://www.wssbn.com/>

**Oakland County ARPSC**  
Every Thursday @ 8 pm on 146.90 (PL 100). Hospital Radio Net on the last Thursday of each month @7:30. (W8OAK-3 will run packet on 147.56 MHz for those wanting to practice and test their equipment)  
<http://www.arpac.com/>

**NTS Traffic Nets**  
The Southeast Michigan National Traffic System (NTS) net Normally held every night at 10:15 PM local time on the 146.76 (PL 100) repeater. New people are welcome.

Try out our new 440 EchoLink Node Number is 575050. You can find all the info you want at the following link:  
<http://www.echolink.org/tour.htm>

Tony N8VR

## AROUND TOWN

**HPARC Buddy Breakfast every Saturday @ 9:00 AM (or so)**  
**Jimi's Restaurant**, 714 South Washington Ave, Royal Oak (across from OCC). Come for the socializing — we're in the back room. Parking: lots of spaces in Jimi's parking lot, and street parking is free until 11 AM.

**Amateur Radio License Testing**  
HPARC and the City of Oak Park offer amateur radio license testing on the **first Tuesday of even months** at the **Oak Park, Michigan Community Center** (14300 Oak Park Blvd, Oak Park, MI 48237) beginning at 7:30 PM contact Jerry W9NPI at [w9npi@arrl.net](mailto:w9npi@arrl.net)

**Oakland Co. ARPSC Siren Testing, 1st Saturday @ 1 PM**  
**March through November** except in April, it is held the second Wednesday at 1 pm. Contact **Marsha N8FE** at [n8fe@arr.net](mailto:n8fe@arr.net) to be assigned a siren to test.

**Macomb Community College Electronic Lab**  
4th Wednesday of each month from 7-10 PM.  
12 Mile & Hayes Rd. (Bldg "S" - Room S135) Extensive collection of equipment to use/learn plus a ham radio station to use and a big 3 element HF Yagi antenna on the roof of the building. Hams are invited from all clubs.



**Race Day June 4th 6:30am  
til about Noon**

**Volunteer Meeting Wednesday June 1st  
6:30 p.m. Pizza and Tee Shirt**  
**Get your instruction for the Race First**  
**United Methodist Church Royal Oak**  
**7th and Washington**



# MARK YOUR CALENDAR

## 2016 Meetings

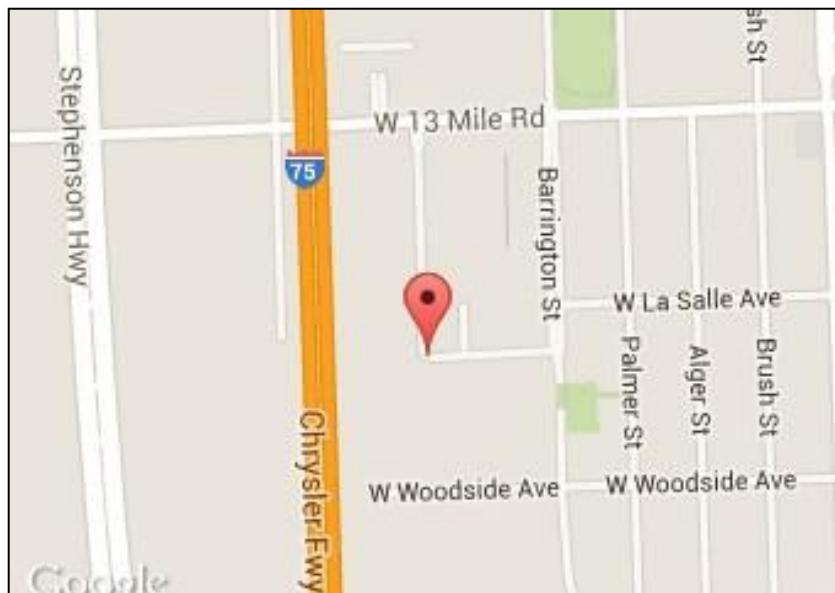
May 11—Elections  
 June 8—Banquet  
 June 25-26 Field Day  
 NO MEETING in JULY  
 August 10—Picnic

## TIME

Socializing @ 7:00 PM  
 Meeting @ 7:30 PM

## PLACE

UFCW Hall  
 876 Horace Brown Dr.  
 Madison Heights 48071



Meeting and Swap location

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



Scan this QR code to visit the  
 HPARC web site

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