

# The Zero Beat

## THIS MEETING

**December 9, 2015**  
**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 be held on Wednesday, December 9, at 7:30 PM. Socializing starts around 7:00 PM. The meeting location is UFCW Hall, 876 Horace Brown Dr, Madison Heights. The 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.

This month is our annual Holiday Party. The club will supply food and drinks. We also appreciate members bringing dishes to pass, anything from appetizers to casseroles to desserts. As is our tradition, we will be collecting gifts and donations for Hoover Elementary School in Hazel Park. Anyone who wishes to participate should bring an unwrapped toy to place on the donation table. The toy should cost no more than about \$10 and be suitable for elementary school children ages 5 to 11. The club will also pass along donations received in sealed envelopes.

The business meeting will be so short it might be nonexistent!

Come early and visit with fellow hams. Everyone is welcome to come to the meeting and bring a friend along.

## PRESIDENT'S QRM

Ah yes, It's antenna season again. If you haven't accomplished your summer plans to get that new antenna up yet or performed the maintenance necessary to operate over the winter, join the rest of us procrastinators.

The December meeting is around the corner and this should be a great one for all. It provides the opportunity for open hamming, eyeball conversation, stories of that unbelievable contact we made and plans for the future rig. It also gives everyone the chance to just socialize and enjoy the company as well as the food provided by the club. Just a note, this is the time to experiment with your favorite

dish to pass. It's not required but sure makes a good conversation starter. I look forward to seeing all the club members there.

We are closing out the year 2015 and preparing for the balance of the upcoming meetings with additional focus on our new hams. We want to get them on the air. I look to the seasoned and accomplished hams to help our new members and new licensees. Step forward and lend a hand; surprisingly you may find it rejuvenates memories of when you first started in hamming. It is a good feeling of accomplishment.

Lately there have been some incomprehensible events around the world. Terror, sense-

*(Continued on page 2)*

## OFFICERS

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## VOLUNTEERS

- **Technical Coordinator & W8HP Trustee :**  
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Bill Ketel N8QVS
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Marsha Fleming N8FE  
248-542-9573  
Asst. Ed Walton N8LBS
- **Meeting Coffee & Donuts:**  
Dan Conroy KD8SPD
- **Sunday Net:** Bill N8QVS  
Bob N8REL  
Rey W8REY
- **VUCC/WAS Awards Card Checker:** Sean Fleming  
K8KHZ [k8khz@yahoo.com](mailto:k8khz@yahoo.com)
- **Banquet:** (Open)
- **Field Day Chair:**  
John Teagardin, AA8UU  
[aa8uu@arrl.net](mailto:aa8uu@arrl.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@arrl.net](mailto:wd8s@arrl.net)

## QRM, CONT'D

*(Continued from page 1)*

less killing and destruction almost seems to be a new normal. This got me thinking; will we be ready for emergency in our own community? As Hams we have the technology and desire. Let's hope it never comes down to having to put our emergency operating skills to work, but if necessary it will be better if we were all up to speed on the emergency NETS in our area.

Peace and Happiness to all throughout the December festivities and beyond.

Ken Krause AD8M  
President

## WRC APPROVES 60 METER BAND

The World Radiocommunications Conference (WRC-15), held in November, has created a worldwide 60 meter amateur band. There is good news and bad news. The new band will allow VFO operation, but will be only 15 KHz wide! US stations will be limited to 15 watts EIRP, though some other countries in Region 2 will be allowed 25 watts.

The new band, 5351.5 to 5366.5 KHz, represents a change from the current five fixed channels and 100 watt power limit. However, this is the first new global ham band since the "WARC bands" were created in 1979.

Nations with very different positions compromised to produce the new global band. Some nations wanted as much as 100 KHz for amateur use, while others, including the USA, wanted no change from the current hodgepodge of fixed, often incompatible channels.

U.S. hams must wait for new FCC regulations before they can use the new band.

WRC-15 was also notable for what it did not do. Many new allocations were agreed to, yet the conference did not take a single vote in almost a month of operation.

The conference did not open the 144 and 420 MHz amateur bands to non-amateur satellites. The growing need for "short term of operation" frequencies will be satisfied above 150 MHz and below 420 MHz.

The conference also postponed taking any action to change the rules for Coordinated Universal Time (UTC), the familiar Zulu time used by hams everywhere. A proposal was made to drop the leap second, which is added occasionally to keep the clock aligned with the earth's rotation. The leap second will be kept at least until 2023.

## 'T WAS THE DAY AFTER CHRISTMAS

By John Pawlicki K8AG

'Twas the day after Christmas and down in the shack  
Were gifts from my family that had to go back.  
Outside the tri-bander was covered with snow  
But the shirt that said "Life's too short for QRP"  
just had to go.

My key and my mike were connected that's true.  
But if they would work just right now no one knew.  
New linear buttons deftly I poked.  
It sat next my tuner I yesterday smoked.  
My VHF/UHF rig was all new;  
But folks on repeaters extremely were few.  
As satellites whizzed past me hour after hour;  
I had no antenna could handle the power.  
The new analyzer showed low SWR;  
But the vertical load simply ate all my power.  
Then up on the roof came a large crashing sound.  
The tribander guys crashed my tower to the ground.  
The RAC Contest was vigorous and thriving.  
To get to my new monogrammed key I was striving.  
Pushed over the boots, threw the analyzer out.  
I could run QRP if need be with no doubt.  
So I sent a CQ then an RAC.  
But nobody QSL'd to my plea.  
To 20, to 40, to 80 and then  
To 10 and to 15 then 40 again  
The QSOs were coming at first just a few.  
The tuner I noticed began to renew.  
The aerial, though crumbled, was resonant now.  
I was hearing new stations quite clearly, but how?  
The pattern you see had been sharp as a tack.  
But now I heard everything to the front side and back.  
So I talked and I tapped on my new mike and key.  
And I logged each new contact despite QSB.  
As the contest then suddenly drew to a close,  
I figured my score out just right on the nose.  
As I pressed the Send key for my entry to go,  
I looked out of the window at the new fallen snow.  
As the shack powered down and out went the light  
Happy New Year all hams. QRT tonight.



## ADDED LICENSING EXAM THIS MONTH

The Hazel Park Amateur Radio Club will administer its next FCC Amateur Radio Licensing Exams on Tuesday, December 15 at 7:00PM at Lawrence Technological University, 21000 West Ten Mile Rd, Southfield, MI. They will be conducted in Room M-210 of the Buell Management Building (houses the Library and Cafeteria). Park in Lot C.

You will need to bring the following items:

1. Official Picture ID (Driver's License will serve)
2. \$15 exam fee-- exact change in cash
3. If this exam is:
  - For your initial Technician License, Please apply for an FCC FRN Number. You can get one at <https://apps.fcc.gov/coresWeb/publicHome.do> (it's free). Bring it with you.
  - For an upgrade, please bring the original of your current FCC Amateur License, along with a photocopy to submit with your application. The License will have your FRN listed on it.

As of February 17, the FCC no longer sends out a paper copy of your license. Please refer to this website for ways to obtain an Official Copy:

<http://www.arrl.org/obtain-license-copy>

If you are going to use a calculator in the exam, you will need to demonstrate that the memories have been cleared.

We'll have spare pens, pencils and scratch paper.

Please call me if you have any other questions. We're looking forward to seeing you!

73 and Good Luck!

Jerry Begel, W9NPI



## H P A R C N E T S

### 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.



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

### 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.

**Oakland Co. ARPSC Siren Testing, 1st Saturday @ 1 PM**  
Resumes in March.

### 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.

### 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

## U S E C A D A Y T O N B U S

The Utica-Shelby club is offering a one-day bus trip to the Dayton Hamvention on Saturday, May 21, 2016. The cost is \$50.

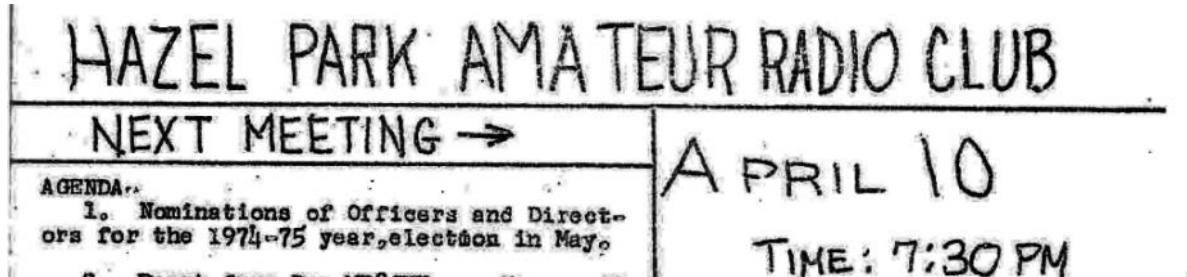
The bus leaves at 4:00 AM from the Wal-Mart parking lot at the northwest corner of 14 Mile and Van Dyke Rds, Sterling Heights, going directly to Dayton. The bus leaves the Hamvention site at 5:00 PM. The bus reservation does NOT include a Hamvention ticket.

For more information, contact Gary Simms WA8FEA at [wa8fea@arrl.net](mailto:wa8fea@arrl.net) or (586) 322-2134.

The ARROW club in Ann Arbor is also expected to charter a bus to Dayton on the same day. The *Zero Beat* will keep members updated on both trips.

**50 YEARS OF HPARC**

For the 50th anniversary of the Hazel Park Amateur Radio Club, here are some items drawn from the pages of *The Zero Beat*. Enjoy!



**RSE HAM SHACKS**  
 CLAWSON SHOPPING CENTER  
 1203 W. 1/4 Mile at Crooks  
 Phone: 435-5660  
 JIM - Manager  
 10001 Chalmers, Detroit  
 near East Outer Drive  
 Phone: 371-9050  
 W6KAZ - Manager  
 Franchized distributor for:  
 COLLINS, SWAN, DRAKE, TEN-TEC, AMECO  
 CLEGG, JOHNSON, MOSLEY, HYGAIN, ROHN TOWERS,  
 STANDARD, HUSTLER.....and many others.....

Tentative Budget for 1979

Swap & Shop	1,400
Field Day	200
Coffee Break	50
Club Prizes	60
Bulletin	150
Training Aid	
& Public Service	140
	<u>2,000</u>

Above, 1975 ad  
 Below, dot matrix printing!  
 Below right, club breakfasts in 1994



**Food for Radio Thought!**

One and all are welcome at the weekly breakfast gathering of HPARC cognescenti at the Ram's Horn, just north of 13 Mile on the west side of Woodward Avenue. Chow begins at 7:00am on Friday mornings. Bring your appetite, or just join the crew for coffee.

**March HPARC Meeting Speaker to be AD8M**

Make plans to attend this month's HPARC meeting at 7:30 PM, March 12 at Hoover Elementary School. HPARC 2nd Vice President Ken Krause, AD8M, will be speaking on the design of various vertical antennas and will give a presentation on how to construct a vertical in less than 30 minutes with parts many of us already have at home.

Additionally, the DART Board Elections will follow the HPARC meeting, so be sure to vote if you are a paid member of the DART. The election of Board Members will help to determine the future expansion of the DART system, so make sure your voice is heard!



of Troy to attend the City Council meeting to support a request, to change the ordinance that would allow antennas for licensed amateur radio operators. There was a terrific turnout at the council meeting, even Michigan Section Manager Dick Mondro, W8FQT, was there and said a few words. The result was that the council directed the planning commission to write an ordinance that will allow Amateur Radio operators the ability to put up an antenna support structure without a special permit. Later the Zoning Board of Appeals voted unanimously to reconsider Murray's request and the planning commission has appointed a committee to work on the council's request; this committee includes Ham radio operators.

Above, from 2002, tower issues are nothing new  
 Left, from 2003, Ken's been talking about antennas a long time

## NOVEMBER MEETING MINUTES

Meeting called to order at 7:35pm.

Attendees introduced themselves.

WB8SBI introduced himself at part of the Fox1A/A0-85 satellite team, and brought his badge to show.

New members Matt and Angie introduced. (call signs?)

The club thanked all members who had served in the armed forces (the meeting was on Veteran's Day).

Gerry K8GT presented on wire antenna theory. Ken AD8M presented on construction of loaded and normal verticals from odds-and-ends. Ken gave away two 2m antennas he built.

Break with doughnuts served.

Thanks were given to those who participated in the ISS contact at Dearborn schools- Larry K8MU, Gordon KD8COJ, John A8UU, Gerry K8GT.

November SS reminder that the Phone sweepstakes is Nov 21-23rd, and that the club purchases Pins for 100 contacts, and Mugs for those who finish a clean sweep.

A revised budget was presented. In discussion of the budget, WD8S raised that he believed the expense for the change of venue was not done per bylaws, since it was a budget change that should have been voted on before the expense was approved. The revised budget was voted on and was passed by the membership.

The treasurer's monthly report was presented.

A raffle was held for a 2m radio, and Jerry W9NPI won .

The meeting was adjourned at 9:05pm.

## CONTESTS

### December 2015

4-6 ARRL 160-Meter Contest

5 TARA RTTY Melee

6 Ten-Meter RTTY Contest

12-13 ARRL 10-Meter Contest

12-13 International Naval Contest

19 RAC Winter Contest

19 OK DX RTTY Contest

19 Feld Hell Sprint

20 ARRL Rookie Roundup, CW

26-27 World Wide Iron Ham Contest

26-27 Stew Perry Topband Challenge

### January 2016

2-3 WW PMC Contest

2-3 Original QRP Contest

2-3 ARRL RTTY Roundup

3 Kid's Day Contest

## HAMFESTS

### 12/06/2015 LCARC Amateur Radio Swap 8-12

L'Anse Creuse High School, 38495 L'Anse Creuse Rd, Harrison Twp (near I-94 and Metro Pkwy)

<http://www.n8lc.org>

Talk-in: 147.08 (PL 100)

### 01/24/2016 Hazel Park W8HP 50th Annual Swap 8-12

UFCW Hall, 876 Horace Brown Dr, Madison Heights

<http://hparc.org/>

Talk-In: 146.64 (PL 100)

## Get Your Sweepstakes Pins and Mugs

Reminder: HPARC is offering ARRL Sweepstakes contest awards to club members. If you make 100 contacts on either weekend, the club will award you a pin. Working all 83 US and Canadian sections gets you a Clean Sweep coffee mug. You don't have to claim club affiliation in your ARRL contest entry. Send your contests scores to John Teagardin AA8UU, either the electronic Cabrillo file or a copy of the paper summary sheet. Make sure you mention whether you qualify for the pin or a Clean Sweep mug. Please get your information to John by December 20.

# HAZEL PARK AMATEUR RADIO CLUB

## 50th ANNUAL SWAP & SHOP

**\*\*NEW Location\*\***

**\*\*UFCW Local 876 - 876 Horace Brown Dr. Madison Heights, MI 48071\*\***

**January 24, 2016** - 8:00 a.m. til 12:00 noon

**W8HP** - Talk-in 146.640 (100hz. PL) D.A.R.T. Repeater  
 Tables \$15.00 Tickets \$5.00 Ample Free Parking

**NEW for VENDORS!**

Vendor setup times with paid admission

Jan. 23rd 11:00 a.m - 3:00 p.m. and Jan. 24th 7:30 a.m.



PRIZES
1ST
CASH PRIZE \$100.00
2ND
CASH PRIZE \$50.00
3RD
CASH PRIZE \$25.00

E-mail Address: [HazelParkSwap@gmail.com](mailto:HazelParkSwap@gmail.com) Phone: Hugh Boyle (248) 755-6094  
 Web Site: [WWW.HPARC.ORG](http://WWW.HPARC.ORG) Facebook: <https://www.facebook.com/groups/hparcgroup/>

### Hamfest Volunteers Wanted

This year there is no table setup but as a gesture to encourage vendors we are offering our assistance on Saturday the 23rd of January and after the swap on Sunday to help the vendors setup and teardown. We are looking for your support to join us with hand carts to accomplish this. Just 4 hours Saturday or whatever time you can afford and vendor tear down on Sunday.

If you plan to help make this a great swap, please let me know with a simple email to [HazelParkSwap@gmail.com](mailto:HazelParkSwap@gmail.com)

Many thanks in advance,  
 Hugh KE8BED

radio-@-com

**2015 Meetings**

December 9

**2016 Meetings**

January 13

February 10

**TIME**

Socializing @ 7:00 PM

Meeting @ 7:30 PM

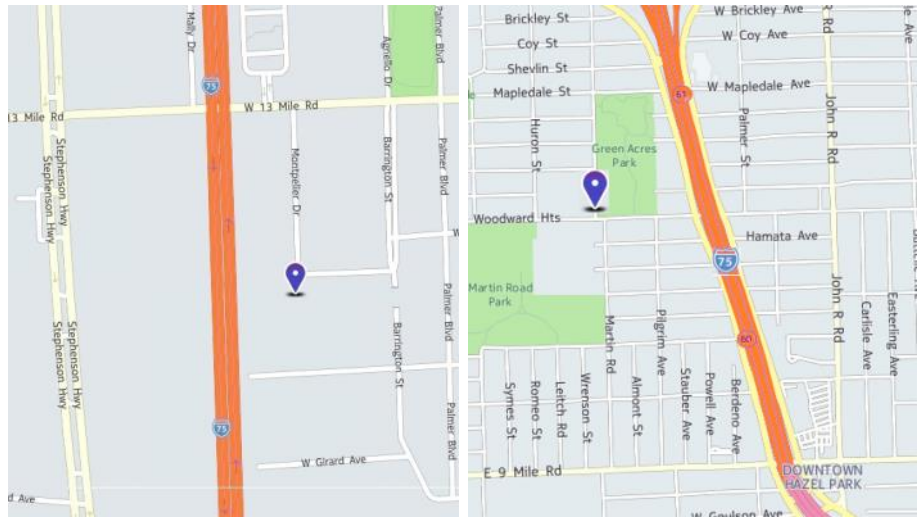
**PLACE**

UFCW Hall  
876 Horace Brown Dr.  
Madison Heights 48071

**HAMFEST**

January 27, 2016

UFCW Hall  
876 Horace Brown Dr.  
Madison Heights 48071



Left - Meeting, Swap      Right - Picnic



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?