

# The Zero Beat

## THIS MEETING

**November 8, 2006**  
**7:30 P.M.**  
 (socializing begins at 7)  
**Hoover Elementary**  
**23720 Hoover Ave.**  
**Hazel Park**

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## RIG NIGHT

At this month's meeting each member can be a special guest. And being the first one for donuts. So bring your radio (s) and/or QSL card (s) to show to the rest of the club. Be prepared to swap stories about your radio or QSL cards. Join us while we all share what makes the hobby fun for us. Hope to see you there.

## PRESIDENT'S MONTHLY QRM

Well, another month has gone by and we are progressing nicely. The Swap will soon be upon us, our annual Christmas/holiday party is coming next month, our calendar year is going to end soon, and we have a great deal going on in the club.

Don't forget that our Second Vice President, Carl, has arranged for our November meeting to feature our prized gear in "Rig Night." Bring your favorite piece of gear, your best key, or a few of your favorite QSL cards to show off to the rest of the group. We haven't done this in some time, and it ought to be fun. As usual, we will meet at Hoover School on Wednesday, November 8 at 7:30 p.m. Come early to socialize.

I am happy to say that the VE testing program is now in the capable hands of Carl and Dee. If you are planning on upgrading, drop Dee a note at [N8UZE@arrl.net](mailto:N8UZE@arrl.net) and she will get things set up for you. I will continue to help with this program, but I will no longer be running the show. Thanks, Dee!

On that note, think about the various services we enjoy within our club, and consider how much less enjoyable it would be if we didn't do those activities. That's why it's important to think about lending a hand and

volunteering your help, if you have a little spare time to offer to the club. Most jobs are fairly easy, and don't require a great deal of effort. Additionally, the outgoing chair will be happy to show you the ropes.

I know that Jim, K8ABZ, has been stressing the importance of keeping the records up to date when renewing your club dues, but something else that Marsha Fleming has reminded us of is that we need to be kept current on your status as an ARRL member (or not). When you renew your dues, remember to check the appropriate box on the form. Also, remember to use the downloadable and printable form on the club's new web site at:

<http://www.hparc.org>. This makes it easier for Jim to read all the information you give him.

Remember that our December meeting will be a week late, on **Wednesday, December 20** at 7:30 p.m. It appears that our featured charity for this year will not be able to attend, so we are working on alternatives. I'll let you know further details at this month's meeting. Ralph, K8CAR, will once again provide dinner and prizes for club

(Continued on page 2)

OFFICERS &  
VOLUNTEERS

- **President:** Jeff Albrecht  
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- **Field Day:**
- **Public Information:**  
Gary Sklar K8IKW  
[k8ikw@aol.com](mailto:k8ikw@aol.com)
- **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 145.050 MHz for those wanting to practice and test their equipment) <http://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**

You don't have to be confined to a rocking chair to check in! A friendly group 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](mailto:joecuchetti@comcast.net) or Ed, W8EDE [ed@ellisgen.com](mailto: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.

(Continued from page 1)

members who attend.

Don't forget November Sweeps will be coming up soon. Carl will have details for you, as he will be the one receiving your summary sheets this year. Remember that if you make 100 contacts on either the CW or the Phone portions of the contest, and you name HPARC as your club, we get the points, and you get a free Sweeps pin. If you make a Clean Sweep, we will spring for a mug for you.

As always, we look forward to seeing you at the meeting. If you can, please invite a friend who also might be interested in attending. You are an ambassador for the club and for the hobby. It's a way we can all make a few new contacts without even firing up the rig and getting on the air! And Rig Night is one of those fun nights for everyone.

See you there,  
Jeff Albrecht, N8WR

## RADIO BLOGS

Hams try very hard to offer only GOOD information on the net. One such person is Dan KB6NU <http://kb6nu.com/>. Who's blog is very well thought out and researched. He also puts his own material online for new hams to use.

He organizes his previous posts by using the usual monthly archives. He also has them categorized. Sample categories are: Antennas, Awards, Building, Classes, DX, CW, Elmering, Mobile, Resources, Operating, Propagation, and Software.

One of his most recent entries that is particularly interesting is:

[A CW Presentation for Your Club](#)

Check out the website and don't forget to leave a comment or two.

## RED CROSS BACKGROUND CHECKS

### ARRL PRESIDENT AIRS CONCERNS ABOUT REQUIRED RED CROSS BACKGROUND CHECKS

ARRL President Joel Harrison, W5ZN, is urging Amateur Radio Emergency Service (ARES) and other ham radio volunteers to tread cautiously when submitting information for background checks the American Red Cross (ARC) now requires. The ARC, with which the ARRL has a [State-ment of Understanding \(SoU\)](#), this summer notified local chapters that volunteers and staff members must submit to criminal background checks by October 31. Harrison says the requirement extends to ARES volunteers who support Red Cross disaster relief efforts. In a [statement](#) October 24, Harrison said the League recommends that anyone submitting personal information for a background check very carefully read what they are giving the ARC permission to collect.

"The Red Cross is requiring volunteers to grant permission for more than just a criminal background check," Harrison asserted. "They are also requiring permission to draw a consumer and/or investigative consumer report on the volunteer." Harrison said that could also include credit and mode-of-living checks.

"The Red Cross has stated that they will not use credit reports," he noted. "Requiring that volunteers authorize the procurement of a credit report is inconsistent with this assurance."

The ARC has contracted with MyBackground-Check.com LLC (MBC) to handle the on-line background checks. Prospective volunteers visit a secure, encrypted Web site <http://www.mybackgroundcheck.com/>, click on the ARC logo and submit name, address, Social Security number (or other acceptable government ID), telephone number, and date of birth. The Red Cross says the overall results of the background check are not shared with the ARC.

In the course of applying, prospective volunteers must agree to let MBC obtain a wide range of personal information bearing not just on criminal background and credit-worthiness but, MBC says, "character, general reputation [and] personal characteristics." MBC advises, "The nature and scope of this disclosure and authorization is all-encompassing . . ."

The Red Cross says its new policy is aimed at safeguarding clients, volunteers and employees alike.

"Unfortunately, in this day and age it is critical that the American Red Cross and other agencies, employers and organizations perform due diligence in researching the people who will represent them," the ARC said in a statement supplied to ARRL.

The ARC apparently has not disseminated policy specifics at the national level. The only reliable information on what the background checks will entail is that on the MBC site. Various chapter-level memoranda the ARRL has obtained contain conflicting information about the program.

ARRL Field and Educational Services Manager Dave Patton, NN1N – whose department supports the ARRL Field Organization – is among those who believes the Red Cross stands to lose a fair number of volunteers because of the requirement – and not necessarily just ARES volunteers.

"ARES members who are providing communications for ARC are working for ARC," Patton maintained, "and, as such, will follow their guidelines." He said the decision to go along with the new Red Cross policy is up to individual volunteers.

The SoU between the League and the ARC is ambiguous as to whether ARES members become Red Cross volunteers when supporting the ARC. While the document says "each organization retains its own identity in providing service," it further stipulates that ARES volunteers "in such cases when the operators are required to carry American Red Cross identification" must register as American Red Cross volunteers. The SoU does not address the issue of background checks, however. The SoU comes up for review in 2007.

Radio amateurs who volunteered in the wake of Hurricane Katrina last year and following 9/11 in New York City were badged through as ARC volunteers.

The practice still upsets some ARES volunteers.

Contact the Red Cross (toll-free 800-507-3960) with any questions regarding the background check program.

[from The ARRL Letter, Vol 25, No 43 (Oct 27, 2006)]



# W1AW WINTER 2006/2007 SCHEDULE

## Morning Schedule:

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

## 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: 3.625 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:

CWs = Morse Code practice (slow) = 5, 7.5, 10, 13 and 15 WPM

CWf = Morse Code practice (fast) = 35, 30, 25, 20, 15, 13 and 10 WPM

CWb = Morse Code 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 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 102 in the November 2006 issue of QST or on the web at, <http://www.arrl.org/w1aw.html>.

## REPEATER

John AA8UU and Don W8PDI raised the mast on the south side site 10 feet and that seems to have helped for that location. We are planning on doing some work on the main site as time permits.

Tom has allowed us to keep the repeater's East receive equipment at his house temporarily for quite some time now. Thank you, Tom, for your generosity. This has been well beyond "temporarily". However, Tom has asked that we move the equipment. So we will very soon be in need of a new site.

We need your help in locating a new East site. If you know of a location that would suit our purposes, contact myself or one of the Board members so we can make this happen.

73

Murray KE8UM

## CQ DX ... G-DAY Y'ALL

James Fleming VK4TJF (US callsign KC8CAM) will be the guest speaker at the November meeting of the SEM-DXA meeting on Friday November 10th. James lives in Murrumba Downs (north of Brisbane, Australia). He will speak on hamming in Australia.

If you are in the area and wish to attend, the meeting starts at 7:30 and is located at:

Elk's Lodge  
1451 East Big Beaver Rd.  
Troy, Michigan

It is on the north side of Big Beaver between John R and Rochester Rd. Click here for a map.

[http://maps.yahoo.com/maps\\_result?addr=1451+East+Big+Beaver+Rd.&csz=troy%2C+mi&country=us&new=1&name=&qty=](http://maps.yahoo.com/maps_result?addr=1451+East+Big+Beaver+Rd.&csz=troy%2C+mi&country=us&new=1&name=&qty=)

Dinner is served prior to the meeting between 6:00 and 7:30 with a nice menu to order from.

You need not be a member although you would not be turned away. So don't let Friday the 13th scare you away. Bring a friend and drop by and say hello.

For more info about the club go to [www.semdxa.org](http://www.semdxa.org)

## TRAFFIC HANDLING

Passing Traffic on the air is as simple as getting on your 2 meter radio and joining the net. There is a local net every night at 10:15 on 145.33. This is a directed net and you will be required to follow standard net procedures.

The best place to find detailed instructions on the National Traffic System (NTS) is on the ARRL website at <http://www.arrl.org/FandES/field/nts-mpg/>. An excellent PowerPoint presentation is available by emailing AnnMarie K8AMR at [k8amr@arrl.net](mailto:k8amr@arrl.net).

## POWER PLUG EXT.

Hints & Kinks in September QST, mentions about these power strip extensions that fit in one space on your power strip and plug a power supply into the other end and free up one of the plugs. I was able to find them at the local Radio Shack for \$10 for a pkg. of 3. They are 8" long. Item # 61-2803 They are 16-gauge cords with grounded 3-prong sockets and plugs. For indoor use only.

## SCHOLARSHIP

**ARRL Foundation scholarship application window is open** (Oct 27, 2006) -- The application period for ARRL Foundation [scholarships](#) remains open until February 1, 2007. The ARRL Foundation has announced the addition of three new scholarships for the 2007 awards: The Zachary Taylor Stevens Scholarship, The Richard W. Bendicksen, N7ZL, Memorial Scholarship and The Gary Wagner, K3OMI, Scholarship. These new scholarship awards bring the total number of ARRL scholarships to 44 -- some providing multiple awards. Following an evaluation of all applications, the ARRL Foundation Scholarship Committee will announce the 2007-2008 academic year ARRL Foundation scholarship recipients next spring. **Important:** Applicants must include high school or college academic transcripts with scholarship applications. Those applying for the four-year [William R. Goldfarb Memorial Scholarship](#) must include a *Free Application for Federal Student Aid (FAFSA)* and a transcript. [from ARRL website]

## CONTEST CORNER

Welcome to Contest Corner. The fall line-up of contests is as follows:

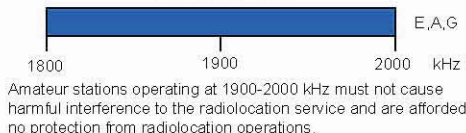
November 4-6	ARRL November Sweepstakes CW
November 18-19	ARRL Nov. Sweepstakes Phone **
November 25-26	CQWW DX/CW
December 1-3	ARRL 160M Contest
December 9-10	ARRL 10 Meter contest

### November Sweepstakes

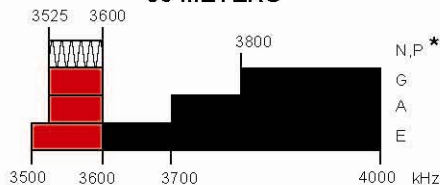
Contact Carl K8BSG with your summary sheets any questions. If you make 100 contacts on either the CW or the Phone portions of the contest, and you name HPARC as your club, we get the points, and you get a free Sweeps pin. If you make a Clean Sweep, we will spring for a mug for you.

See Sweepstakes rules are available on at <http://www.arrl.org/contests/rules/2006/novss.html>  
Marsha KA8DMR

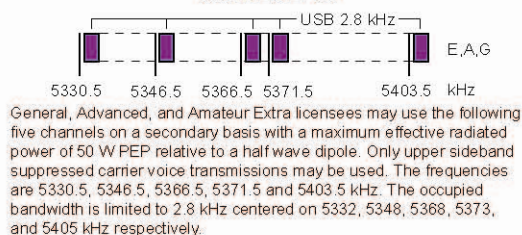
## 160 METERS



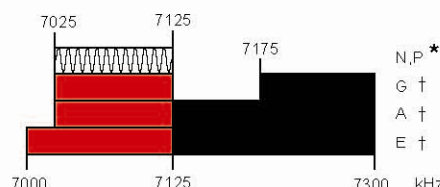
## 80 METERS



## 60 METERS

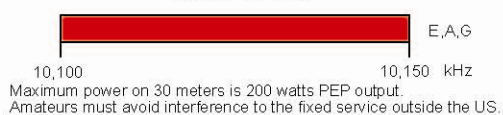


## 40 METERS

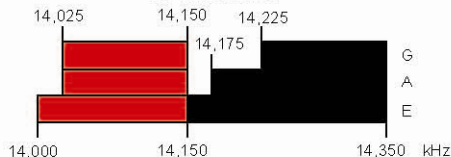


† Phone and Image modes are permitted between 7075 and 7100 kHz for FCC licensed stations in ITU Regions 1 and 3 and by FCC licensed stations in ITU Region 2 West of 130 degrees West longitude or South of 20 degrees North latitude. See Sections 97.305(c) and 97.307(f)(11). Novice and Technician Plus licensees outside ITU Region 2 may use CW only between 7025 and 7075 kHz. See Section 97.301(e). These exemptions do not apply to stations in the continental US.

## 30 METERS



## 20 METERS



## 17 METERS

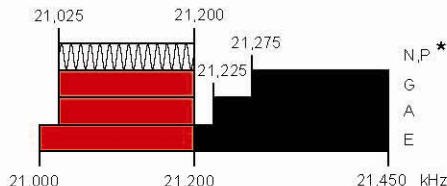


## Effective Date Pending

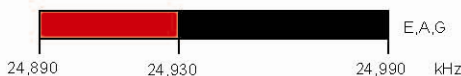
This chart reflects changes in Part 97 of the FCC Rules that were adopted on October 4, 2006 and released on October 10, 2006. The changes have not taken effect and will not take effect until 30 days after publication in the Federal Register. The effective date is unknown and will be publicized as soon as it is known.

There are some apparent errors in the rules as released. The charts reflect ARRL's best understanding of what the FCC intended. Clarifications are being sought and the chart will be amended as required.

## 15 METERS



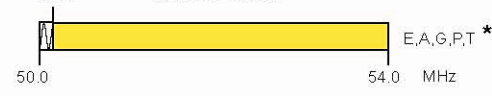
## 12 METERS



## 10 METERS



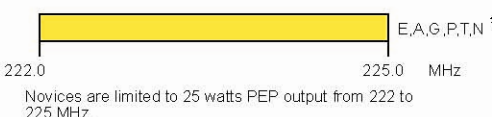
## 6 METERS



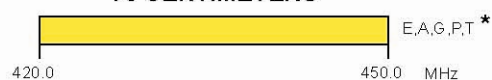
## 2 METERS



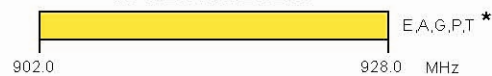
## 1.25 METERS \*\*\*



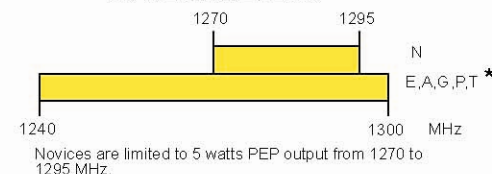
## 70 CENTIMETERS \*\*



## 33 CENTIMETERS \*\*



## 23 CENTIMETERS \*\*



## US AMATEUR POWER LIMITS

At all times, transmitter power should be kept down to that necessary to carry out the desired communications.

Power is rated in watts PEP output. Unless otherwise stated, the maximum power output is 1500 W.

Power for all license classes is limited to 200 W in the 10,100-10,150 kHz band.

Novices and Technicians are restricted to 200 W below 28.5 MHz.

In addition, Novices are restricted to 25 W in the 222-225 MHz band and 5 W in the 1270-1295 MHz subband.

## KEY

- = CW, RTTY and data
- = CW, RTTY, data, MCW, test, phone and image
- = CW, phone and image
- = CW and SSB phone
- = CW, RTTY, data, phone, and image
- ▨ = CW only
- = USB Phone only

E = AMATEUR EXTRA  
A = ADVANCED  
G = GENERAL  
P = TECHNICIAN PLUS  
T = TECHNICIAN  
N = NOVICE

\* Technicians who have passed the 5 wpm Morse code exam are indicated as "P".

\*\* Geographical and power restrictions apply to all bands with frequencies above 420 MHz. See *The ARRL FCC Rule Book* for more information about your area.

\*\*\* 219-220 MHz allocated to amateurs on a secondary basis for fixed digital message forwarding systems only and can be operated by all licensees except Novices.

All licensees except Novices are authorized all modes on the following frequencies:

2300-2310 MHz  
2390-2450 MHz  
3300-3500 MHz  
5650-5925 MHz  
10.0-10.5 GHz  
24.0-24.25 GHz  
47.0-47.2 GHz  
76.0-81.0 GHz  
122.225-123.0 GHz  
134-141 GHz  
241-250 GHz  
All above 275 GHz



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## AROUND TOWN . . .

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3 Dec 2006 **L'Anse Creuse ARA**

<http://www.n8lc.org>

Talk-In: 147.68/147.08

Contact: Marty Folz, K8HVI

40360 Ryan Road

Sterling Heights, MI 48310

Phone: 313-665-4426

Email: [k8hvi@arri.net](mailto:k8hvi@arri.net)

Location: Mount Clemens (Harrison Township), MI

L'Anse Creuse High School

38495 L'Anse Creuse Road

Email: [k8khz@yahoo.com](mailto:k8khz@yahoo.com)

Location: Hazel Park High School

23400 Hughes, Hazel Park, MI

16 Dec 2006 **Amateur Radio Group of Youth in Lowell (ARGYL)**

<http://www.argyl.org>

Talk-In: 146.620 - (PL 94.8); 145.270 - (PL 94.8)

Contact: Al Eckman, WW8WW

11515 Boulder Drive East, Apt. 261

Lowell, MI 49331

Phone: 616-897-7659

Email: [al.eckman@sbcglobal.net](mailto:al.eckman@sbcglobal.net)

Location: Lowell High School

11700 Vergennes Street, Lowell, MI

17 Mar 2007 **Michigan Crossroads Hamfest**

Southern Michigan ARS & Marshall High School Industrial Arts Club

<http://www.w8df.com>

Talk-In: 146.660; 146.520 simplex

Contact: Billy Booth, KD8CDS

4 Cinderella Circle

Springfield, MI 49015

Phone: 269-965-1415

Email: [sqjumper@aol.com](mailto:sqjumper@aol.com)

Location: Marshall High School

701 North Marshall Avenue, Marshall, MI

20 Jan 2007 **ARAY Swap 2007 Genesee County ARES**

<http://www.gcares.org>

Talk-In: 147.100 (PL 100)

Contact: Clayton Hewitt, KF8UI

1109 Ossington Avenue

Flint, MI 48507

Phone: 810-233-7889

Fax: 989-871-5594

Email: [kf8ui@arri.net](mailto:kf8ui@arri.net)

Location: Bentley Middle School

1180 North Belsay Road, Burton, MI

21 Apr 2007 **Swap and Shop Milford ARC**

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

Talk-In: 145.49 (PL 67 Hz) & 146.52 simplex backup

Contact: Rose Moore, KC8NQJ

PO Box 573, Highland, MI 48357-0573

Phone: 810-632-5174

Location: Milford High School

2380 Milford Road, Highland, MI

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## MINUTES

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Minutes are not published this month due to the illness of the Secretary.

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## TURKEY DAY

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Could this happen to you — On Thanksgiving morning, Joe discovers unusual high DX activities on the HF bands and can't pull himself away from the radio. His wife pleads with him to join the family for their traditional dinner but he refuses to leave the shack.

A discussion follows with tragic consequences. Later the police discover Joe in the shack beaten the death.

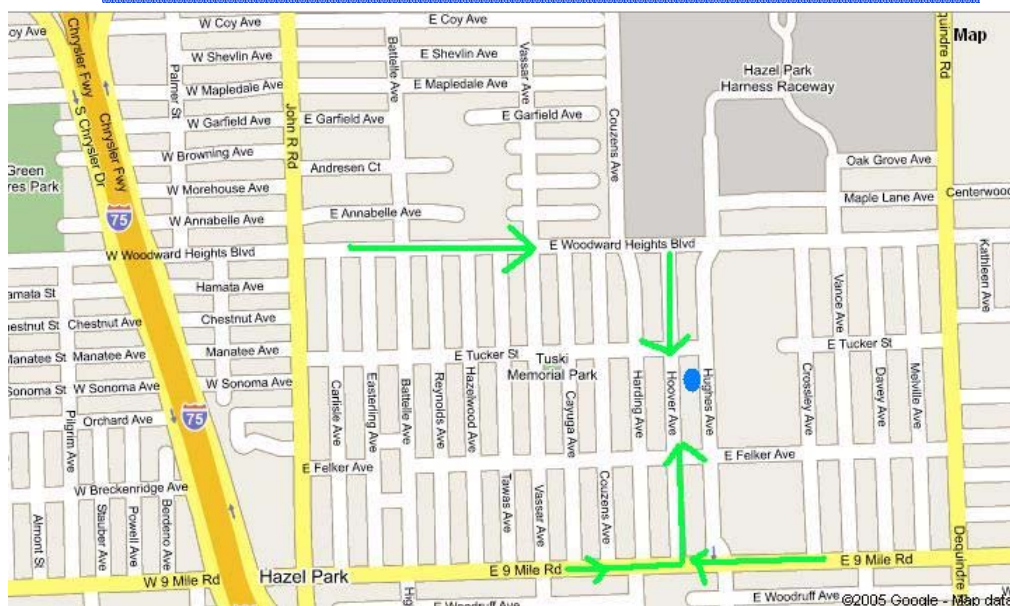
They arrest his wife for Murder by Turkey .

[Happy Thanksgiving]

# Holiday Party

7:30 P.M.

(socializing begins at 7)  
Hoover Elementary School  
23720 Hoover Ave.  
Hazel Park



[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?**

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