

The Zero Beat

General Meeting

This month we celebrate good things we have in life and enjoy the company of our Hazel Park ARC family at our **ANNUAL HOLIDAY DINNER**. The food is always good and we only ask that you bring a donation for the charity. The dinner will be on **Wednesday, December 14 at 7 pm. Hoover Elementary 23720 Hoover Ave. Hazel Park**. This takes the place of a regular meeting.

Anyone wishing to join the club this night is welcome to come to the party. Please go to the website www.hparc.org. Fill out the membership form. Print it and bring it and the money to the Dinner (along with your donation).

Hope to see everyone at the Party.

President's QRM

December's, here already! Do you have all kinds of ham goodies on your Christmas list?

Don't forget everyone is encouraged to bring something to show and tell; examples could be a radio or anything that might be of interest to the hobby, the season or just general interest. Surprise us! See you at the December meeting.

Sweepstakes is over for another year. Those of you that worked over 100 contacts or a clean sweep in the CW and/or SSB sweepstakes make sure Larry K8MU our second vice president has summary a copy of your log. He should have them no later than the January meeting to meet the ARRL order deadline. The club will pay for your pin(s) and clean sweep cup to be presented at our annual banquet in May. If you did a clean sweep you have bragging rights! Did anyone besides the W8HP group get a clean sweep on SSB or CW? We could do two groups next year as we have two club calls, W8HP and W8JXU!

Our annual Swap is January 15th. We will have flyers at the meeting. It is very important that every member post and/or pass out flyers to locations that will get people and vendors into our swap. Now is the time! We need to work extra extra hard again this year. Walt, KD8LWC is our swap chairman again this year; please give him lots of help. We will need people for setup Saturday and teardown Sunday, so please sign up. This is our only real fundraiser so we need to make it a great success.

See you at the December holiday meeting, Saturday morning breakfasts and on the clubs official Sunday night net at 9 PM on 146.640 MHz.

Use and enjoy your radios

Linda and I want to wish everyone a Merry Christmas, Happy Holiday, Best Wishes and a Happy New Year.

73 Murray, KE8UM

2 0 1 2 H a z e l P a r k H a m f e s t

We have confirmed the 2012 Swap date. **The Hazel Park Hamfest will be held Sunday January 15, 2012 at the Hazel Park High School from 8 AM to noon.** Talk-in is on the DART repeater 146.640 MHz (100 Hz PL). Tickets and tables are now available.

Email [Walt](#) for reservations and tickets.

C U there!

HPARC Board

N E T S

HPARC Sunday Night 2-meter FM 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.

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.

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.gsl.net/w8oak

NTS Traffic Nets

The Southeast Michigan National Traffic System (NTS) net normally held every night at 10:15 PM local time on 146.76 MHz Repeater. New people are welcome.

SARS Tuesday Night Net

Southfield Emergency Management ARES group holds a weekly net **every Tuesday night at 8 pm** on 146.640 MHz (the DART repeater). All amateur radio operators are welcome. If you have traffic to pass but cannot make the 10:15 pm SEMTN net, you can check into this net and someone will get it passed to SEMTN.

New 5 MHz Band Rules to be Effective

As reported on the ARRL web site, on 21 November the FCC announced new rules for Amateur Radio operators when using the five, 5 MHz (60 meters) frequency channels. As is customary, the new rules will become effective 30 days following their publication in the FEDERAL REGISTER.

Watch for the effective date of the new rules on arrl.org and in announcements from ARRL.

To summarize, with the new rules, one channel presently assigned for amateur use will be exchanged for a different, more useable channel.

There will still be five channels in this band allocated for sharing by hams. Additional changes include increasing transmitted power from 50 w.

PEP to 100 w. PEP and authorizing the use of two additional emission forms. The new forms are Data (e.g., PACTOR III), RTTY (e.g. PSK-31) and CW. The CW carrier must be set to the center frequency of the channel. USB may still be used.

A few special requirements are as follow:

- The 5368.0 kHz channel (carrier frequency 5366.5 kHz) is withdrawn and a new channel of 5358.5 kHz (carrier frequency 5357.0 kHz) is authorized. The remaining four frequency allocations remain unchanged.

- The effective radiated power limit in the 60 meter band is raised from 50 W PEP to 100 W PEP, relative to a half-wave dipole. If another type of antenna is used, the station licensee must maintain a record of either the antenna manufacturer's data on the antenna gain or calculations of the antenna gain.

- Automatic Control may not be used on Data and RTTY. A control operator must be able to control the station either locally or remotely.

- Data and RTTY may operate only on the center frequencies specified.

This may be done by following the same practice as on USB.

- CW signals must be set to the center frequency of the channel.

It is very important to know that the 5 MHz frequencies are shared with US Government communications services. As a result, it is critical that the rule regarding prompt cessation of amateur operations is observed when this is requested. Transmissions should be kept relatively short and ham operators should cease operation promptly if requested to do so by a Federal operator.

The changes in the 5 MHz allocation for amateurs came about through a petition filed by the ARRL in October 2006. The US National Telecommunications and Information Administration (NTIA) concurred in the petition.

The ARRL VHF Band Plan Committee chaired by ARRL 2nd Vice President Bruce Frahm, KOBJ, will report a recommended plan for use of the 60M band at the January meeting of the Board of Directors.

The 60M band is open to use in the US to General, Advanced and Extra Class licensees, only. Before using 60M (or any amateur band), please be certain to understand the rules and regulations for its use. The FCC Report and Order is summarized more fully at <http://www.arrl.org/news/fcc-releases-new-rules-for-60-meters> .

Contest Corner

You Can Enjoy Contests Even If You're Not a Contester

By Dan Romanchik, KB6NU

I often talk to guys who say that they're not testers. Some even go so far as to say that they hate contests. I'm really not a tester, either, but I do enjoy operating them from time to time. There are several ways to enjoy amateur radio contests even if you're not a "tester."

This weekend, for example, the CQ World-Wide (CQWW) SSB DX contest was being held. As usual for a Saturday morning, I was down at WA2HOM (www.wa2hom.org), our club station at the Ann Arbor Hands-On Museum (www.aahom.org). Now, the museum is only open from 10am - 5pm on Saturdays, so there's no way I'm going to score very high in the contest, but I still decided to participate.

What I did was take advantage of the contest activity to add countries to our DXCC list. Over two hours of operation, I managed to make 63 contacts, including at least five new countries. The new countries that I added to our log included Iceland, Northern Ireland, Scotland, the Cayman Islands, and Madeira Island.

None of these is rare DX, but for whatever reason, we hadn't worked them before. Now, we have. In addition, some of the big testers will travel to exotic locales and operate from places that normally have no or few ham radio operators. Contests are good opportunities to get those countries in your log.

Operating in a contest is also a good test of your radio and antennas. It's true that contest signal reports are basically meaningless, but if DX stations regularly hear you on your first or second call, then chances are your antennas are working well. If they're continually asking for repeats or never hear you at all, it's a good bet that you need to do some antenna work.

Working a contest can also improve your operating skills. In a CW contest, for example, the good ops are generally operating at 25+ words per minute. That's OK, though, because it forces you to copy that fast, and because you know what the exchange format is, you pretty much know what characters to expect. Try it sometime. You'll be surprised at how fast you can copy during a contest and how much your CW speed improves.

If none of the above reasons convince you, and you're still a bit apprehensive about jumping into one of the bigger contests, let me suggest that you try one of the smaller contests. State QSO parties, for example, are a lot more laid back than say the ARRL Sweepstakes. The CW speeds are a lot lower and the phone contacts are a lot less intense. You may even learn something about a particular state's geography. You will for sure learn a lot of county names.

It's all about having fun. And you can have fun in a contest, even if you don't have the time or the equipment to be competitive.

When not worrying about the proper county code for Goochland County, Virginia, Dan blogs about ham radio at www.kb6nu.com, teaches ham classes, and rag chews on 30m and 40m CW. You can e-mail him with comments or questions at cwgeek@kb6nu.com.

For sale

IC-746 Pro
Excellent condition – no physical damage
Works great
Original box and manual and more
Send email to KC8WPW@arrrl.net

2011 ARRL Nov Sweepstakes, SSB

W8HP operated from Marsha N8FE's QTH. Great fun was had by all. We operated the full 24 legal hours. One person did not get a chance to operate but came over a week before to help me with the station. TU Ron WD8MNX. 73, Marsha N8FE

Call sign: **W8HP**
Multioperator, Single Transmitter, Low Power

Operator(s): **AB8SA K8DRV N8FE WB8SBI**
Category-Operator: MULTI-OP
Category-Power: LOW
Category-Assisted: ASSISTED
Category-Station: FIXED
Location: Michigan - MI
Club: Hazel Park ARC
Reported QSOs: **254**
Confirmation #: **4152798**.arrl-ss-ssb

HPARC SWAP

1/15/2011

Hazel Park Amateur Radio Club

Hazel Park High School
23400 Hughes Ave,
Hazel Park, MI 48030

<http://www.hparc.org>

Talk in: 146.640/146.040 (PL 100 Hz)

Contact Walt Carter K8DLWC

Phone:

Email: pidge4645@aol.com

RAC Distracted Driving Committee meets with MTO Officials

On October 20th the same day that the Honourable Bob Chiarelli was sworn in as the new Minister of Transportation, Steve Pengelly, VE3STV former **Radio Amateurs of Canada** (RAC) HLC, Jeff Stewart, VA3WXM Southern Ontario Director and Bill Unger, VE3XT North East Ontario Director met with the Assistant Deputy Minister Road User Safety Division and the Director Safety Policy and Education Branch.

One of the questions we were asked is why Amateurs believe we deserve an exemption to operate while mobile. We explained that in order to be proficient in the use of our radio systems including mobiles and repeaters, in order to ensure they are always in working order and in order to ensure we know where they work best and where they don't work well at all, we must continually test them. This is done by daily usage and by providing community service to many diverse groups across the Province.

They were told that many communities rely on the Amateur Radio Operators in their areas as part of their emergency preparedness plans. They were also advised that Amateurs have installed, at no expense to the taxpayer, a communications infrastructure that provides a backup to existing telecommunications systems in which authorities can have confidence.

We demonstrated a 2 Metre radio to them and illustrated the difference between Simplex using PTT and Duplex with cell phones. We emphasized that to use our radios and communicate we did not have to remove our eyes from the road.

It was also brought to their attention that we are a relatively small group of private individuals and for us to continue our public service while having to comply with the new legislation, could be a financial hardship on some Amateurs.

The Ministry Officials raised several other questions as to why we cannot comply with the legislation. They were answered with solid technical and operational explanations as to the difficulties we would encounter in order to do this.

A reasoned set of arguments was presented to allay their concerns regarding safety and to explain why Amateurs should be treated differently than others and exempted on a permanent basis.

Ontario has committed to consult with RAC early in the New Year on this matter so a permanent solution can be found prior to January 2013.

Bill Unger VE3XT

Chair - Ontario Distracted Driving Committee
North/East Ontario Regional Director -
[Radio Amateurs of Canada](http://www.radioamateurs.ca)

W 1 A W Winter Schedule

Morning Schedule:

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

Afternoon/Evening Schedule:

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

Frequencies (MHz)

CW: 1.8025 3.5815 7.0475 14.0475
18.0975
21.0675 28.0675 147.555

DIGITAL: 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:

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.

Digital: BAUDOT (45.45 baud), BPSK31 and MFSK16 in a [revolving schedule](#).

Code practice texts are from QST; 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 digital 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, Digital at 15 minutes past the hour and CW on the half hour.

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

P O S T A G E Cost Goes Up

As of January 22, 2012 the USPS will raise the postage rates for postage as follows:

First ounce 1st class letter	45 cents
Each thereafter	20 cents
Each ounce first class	85 cents
To Canada or Mexico	
Each ounce first class	\$1.05
Overseas and Europe	
Postcards	32 cents

I n t e r i m M i c h i g a n S e c t i o n M a n a g e r

Michigan will have an Interim Section Manager, beginning January 1. Larry Camp, WB8R, has been appointed as the Interim Michigan Section Manager starting on January 1. He will take over for Dale Williams, WA8EFK, who was declared elected as the new Vice Director of the Great Lakes Division. Williams' term begins at noon on January 1, 2012. A lifelong resident of Coldwater, Camp has been an Amateur Radio operator since 1978. He has a wide experience in the ARRL Field Organization as Emergency Coordinator for Branch County, a past Section Traffic Manager and a past QMN Net Manager. He is also a past multi-year president of the Branch County Amateur Radio Club and also enjoys teaching Amateur Radio licensing classes for new hams.

Section Manager Nomination Petition Re-solicitation

Since no nominations were received for the Michigan Section Manager election by the nomination deadline of September 9, 2011, nominations are hereby re-solicited. Nomination petitions need to be received at ARRL Headquarters by 4 PM (EST) on March 9, 2012. If more than one member is nominated in the section, ballots will be mailed from Headquarters on or before April 2, 2012, to full members of record as of March 9, 2012, which is the closing date for nominations. Returns will be counted on May 22, 2012. A Section Manager elected through re-solicitation will serve a term of 18 months and take office on July 1, 2012.

H a m C l a s s e s

Rich, KC8WPW informed me that the **Technician class in Warren is a go** so if you or someone you know would like to be in a technician class let them and Rich know.

Ron, WD8MWX is planning to teach the **General and Extra classes**. Contact Ron to sign up for the 2 classes. His email and information is in the club roster. **Classes will start in January if enough people sign up.**

Clubs that teach survive those that don't seem to disappear.

Mark Your Calendar

Monthly Meetings are the Second Wednesday

2012 DATES

January 11

February 8

March 14

April 11

May 9

June 13 (Banquet)

August 8 (Picnic)

TIME

Socializing @7:00 P.M.

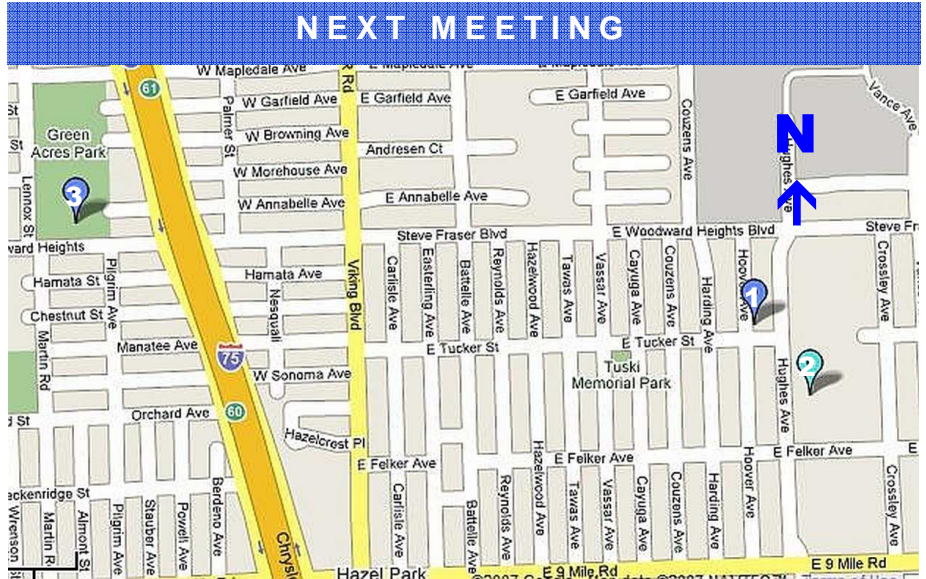
Meeting @7:30 P.M.

PLACE

Hoover Elementary

23720 Hoover Ave.

Hazel Park 48030



1 - Meeting 2 - SWAP 3 - Picnic



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



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

