

The Zero Beat

THIS MEETING

March 10, 2010
 7:30 P.M.
 (socializing begins at 7)
 Hoover Elementary
 23720 Hoover Ave.
 Hazel Park 48030

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ELECTRONIC DESIGN

Note that if Hazel Park schools are closed then the HPARC meeting is cancelled. The February meeting was cancelled due to the snow storm. An email was sent out but some people showed up anyway. Please help us get the word out. If you know a member who does not have email please let them know of the cancellation.

Our next meeting will be on **March 10** meeting at **Hoover Elementary**. Eyeball meeting starts at 7 pm and **Meeting starts at 7:30**. Tom "Professor" Hagen, NE9Y has agreed to try again this month to give his presentation on "Electronic Design from Simulation to PCB Layout with Freeware." Professor Hagen will show us [LT Spice](#) (schematic drawing software), and maybe [FreePCB](#) (PC board design software), following the creation of a simple schematic, to the design and production of a PC board for homebrew projects. Both programs are free downloads.

PRESIDENT'S QRM

It should be March when you read this. That means spring is almost here. Time to start planning new antenna installations. The March QST has a lot of antenna information. The program planned for this month is the one that was planned for last month. Let's hope we don't have any more school closings.

The club banquet will be in June and we will start selling tickets early. The ticket price will include prizes this year. The club is committed to have at least 50 people attend, so if you need to, start saving now and don't miss our June banquet meeting.

Did you know these three businesses that provide support to our HPARC/DART repeater system? They are: Blue Cross Blue Shield of Michigan (if you need insurance), H W Motor Homes in Canton (how about a trailer or motor home), and

Macomb County Locksmiths (Locks, keys and Budget truck rental). They support us and I am sure they would be happy with any support you might give them.

The TMRA Hamfest in Perrysburg (not Maumee), Ohio is March 21st. They have a new location this year at Owens Community College. This is a good-sized one and several club members attend. See:

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

Field day will be here before we know it. We will need good radios with good receivers to keep interference between stations to a minimum. We expect to back at our usual site this year.

The February board meeting was mainly spent on the tweaking the budget. When the board is finished it will be presented to the membership. The delay is caused by the swap no longer being held in December. It

(Continued on page 2)

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QRM CONT.

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takes time for all the numbers to come in after the swap. We are looking good and the swap did much better than last year.

The Extra class is continuing and a Technician class will be started up this month. We are doing well and the clubs that survive are the ones that give classes. Just reminders, the only people allowed in the classrooms are the students and the instructors. Let us know when you upgrade so we can give you proper recognition and congratulations at the club meetings.

I have noticed that we receive interference on our two-meter repeater input frequency when another amateur radio group in town rebroadcasts the space shuttle audio on 145.30 MHz. I will be working with them to solve the problem.

Radio rocks!

73

Murray, KE8UM

EMERGENCY FREQ.

Following the 8.8 earthquake that struck southern Chile early Saturday, February 27th, IARU, Region 2 and the Red Chilena Nor Austral de Servicio (RECNA) suggests radio amateurs monitor EmComm frequencies for earthquake and tsunami information:

SSB frequencies are:

10 meters - 28.300, 28.500 MHz

15 meters - 21.200, 21.350 MHz

20 meters - 14.200, 14.350 MHz

40 meters - 7.050, 7.095 MHz

80 meters - 3.738, 3.750 MHz

In addition, the worldwide emergency communication "centre of activity" frequencies should be monitored.

They are: **14.300, 18.160 and 21.360 MHz**

[via CQ Public Service Editor Richard Fisher, KI6SN]

H P A R C N E T S

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 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.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.

C Q D O N A B 8 R H ?

You may be interested to know that Don Craft, a member of HPARC and a missionary in Thailand is now active on Echolink and Skype free video. I contacted Don on Facebook and we both had just signed onto Echolink.

So our communication went from Thailand to Oakland Township MI then we connected to a Seattle Washington repeater on Echolink and four of us were in communication for a half hour all on the computer only. Thailand Time is 12 hours difference from MI, 73's de KB8CHV, Richard

Q S L I N G U P D A T E

It is very important that you check how to QSL to a particular country. In the DailyDX, we found the following report. This is important to keep if you happen to work someone in Uzbekistan in the future.

UK80M, Mike, reminds everyone when QSLing to Uzbekistan do not send green stamps in your envelope as there are routinely stolen. Also effective January 2010 only envelopes produced in Uzbekistan can be mailed from this country. So Mike advises those QSLing stations in Uzbekistan to not send SAE but rather a mailing label.

Email lists like DailyDX are a good source of QSL resources. Also check on the interest. Search under "QSL [country name]" Also check to see if the ham has an email address. You might be able to contact them and ask what is the best thing to do.

A reminder about sending your card as a postcard. If you do send it that way, The recipient may not send you one back.

It is not considered polite to send it that way and then check the box asking for one sent back. You have not provided return postage.

Customary courtesy is to put your card in an envelope with a SAE and \$\$ or IRC to outside the US and inside the US include a SASE. That way the other person is not required to pay for the postage.

Marsha N8FE

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

See Sean K8KHZ at the meeting or call on 248-331-7821 any time. OR email Sean at

C Q D X . . .

V6, MICRONESIA (Operators Mike/KM9D and Jan/KF4TUG onboard the "Don Henry", are now on Oroluk Atoll (OC-260). The following info was sent to OPDX by Mike:

"All being well, V63MY and V63TO are intending amateur radio activity from a land-based station located at Oroluk Island beginning 02 March, 2010, and continuing for about 10-days. Requests for QSL cards should be directed to the QSL manager, OM2SA. The radio-log will also be included in the ARRL's LoTW database."

KH0, MARIANA ISLANDS. Yoshi, JE2EHP, informs OPDX that he will be active as K1HP/KH0 from Saipan (OC-086) between March 21-25th. Activity will be on all the HF bands and 6m, using CW, SSB and RTTY. QSL via the Bureau to home callsign JE2EHP.

VK Incoming QSL Bureau Changes

Following a review of the current inwards Bureau operation, the Wireless Institute of Australia (WIA) Board agreed to change the arrangements for Inward QSL Bureau operation.

A new national inwards QSL Bureau service is being introduced to expedite the availability of inwards cards from overseas bureaus for WIA members.

The Inwards Bureau has established a central P.O Box 2040 Bayswater Vic 3153, Australia for the new service.

WIA National Audio News suggests it is now reasonable to expect more regular deliveries of cards from smaller overseas bureaus, as it will be more cost effective to make one postal despatch of VK cards to the central box.

The QSL cards will be despatched regularly to the existing State QSL Bureau, who will continue to distribute cards through existing processes.

Bulk quantities of inwards cards will be sent in more regular consignments.

WIA believe this change will be of positive benefit to members.

Source: [from www.wia.org.au]

Perhaps the most useful propagation page for Amateur Radio Operators can be found at <http://dx.qsl.net/propagation/>

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

Thanks to the ARRL Contest Update for this list of Contests. Pick some that you'd like to work and have fun.

March 6-7

- ◆ ARRL International DX--Phone
- ◆ High Speed CW Contest
- ◆ Open Ukraine RTTY Championship
- ◆ DARC 10-Meter Digital "Corona"
- ◆ CLARA and Family HF Contest-- (Mar 9)

March 13-14

- ◆ Heavy Metal Rally,
- ◆ RSGB Commonwealth Contest--CW
- ◆ AGCW QRP Contest
- ◆ QRP ARCI HF Grid Square Sprint--CW
- ◆ EA PSK31 Contest
- ◆ Idaho QSO Party
- ◆ North American RTTY Sprint
- ◆ Wisconsin QSO Party

acknowledge information from [WA7BNM's Contest Calendar](#) and [SM3CER's Contest Calendar](#).

Learn Morse Code on YouTube

There are several videos on YouTube to help you learn Morse Code. I particularly like these two.

<http://www.youtube.com/watch?v=97NN2Y8yLpk>

teaches the alphabet and

<http://www.youtube.com/watch?v=5hHt-z8AU6g> teaches the numbers.

You can also get the Morse Code song

http://www.youtube.com/watch?v=Q19_CIDycWg

Of course, if you really want to learn Morse Code you can either download the program G4fon at

<http://www.g4fon.net/> or learn online at www.lcwo.net

Whatever mode your on,

HAVE FUN

73,

Marsha N8FE

RECIPROCAL AGREEMENT HOLDS

Milt Dzodin N8AYD owns property in Ontario and contacted the Public Relations or Communications Dept. of the Ministry of Transportation. The following replies show that the reciprocal agreement still applies to both sections 13 and section 14 (1) that was added on later. Therefore, this document could be used to prove US hams are exempt from the new cell phone laws in Canada. Some people may want to put a laminated copy in their glove box.

13. (1) Until January 1, 2013, drivers who hold a valid radio operator certificate issued under the *Radiocommunication Act* (Canada) may drive a motor vehicle on a highway while holding or using a two-way radio.

(2) This section is revoked on January 1, 2013.

Exemption for pressing buttons

14. (1) A person may drive a motor vehicle on a highway while pressing a button on a hand-held wireless communication device to make, answer or end a cell phone call or to transmit or receive voice communication on a two-way radio if the device is placed securely in or mounted to the motor vehicle so that it does not move while the vehicle is in motion and the driver can see it at a quick glance and easily reach it without adjusting his or her driving position.

(2) A person may drive a motor vehicle on a highway while pressing a button on a device that is worn on his or her head or hung over or placed inside his or her ear or is attached to his or her clothing and is linked to a hand-held wireless communication device to make, answer or end a cell phone call or to transmit or receive voice communication on a two-way radio or a hand microphone or portable radio.

Sent: Monday, February 08, 2010 3:56 PM

Mr. Dzodin:

Leo Tasca has moved to another ministry, so I will be answering your question regarding US amateur radio operators in Canada.

The operation of amateur radio service equipment and stations in the territory of the two countries is covered in Treaty Series 1952 No. 7 - *Operation of Certain Radio Equipment or Stations, Convention between Canada and the United States of America*. Under the reciprocal Canada-U.S. agreement, Industry Canada treats a U.S. amateur who is operating a radio in Canada with a valid U.S. certificate as having the same privileges as someone who holds a valid radio operator certificate issued under the Radiocommunication Act (Canada).

Under the new Bill 118, amateur radio operators have been granted a three-year exemption for the hand-held use of their radio equipment. After this time, a hands-free operation will be required.

The U.S. amateurs operating in Canada must abide by the *Radiocommunication Regulations* and Radiocommunication Information Circular 2, *Standards for the Operation of Radio Stations in the Amateur Radio Service* (RBR-4). A copy of that document is attached.

Visiting amateurs are not required to register or receive a permit before operating their amateur radio stations. Each amateur station shall indicate at least once during each contact with another station its geographical location as nearly as possible by city and state or city and province. The amateur station shall be operated in accordance with the laws and regulations of the country in which the station is temporarily located.

More information on reciprocal agreements can be obtained at: <http://www.ic.gc.ca/eic/site/smt-gst.nsf/eng/sf01701.html#reciprocal5>

I hope this has answered your questions. If not, please let me know.

Gordon Stewart

Sent: 2/9/2010 12:01:50 P.M. Eastern Standard Time
Mr. Dzodin:

The ban on hand-held wireless communication devices in Bill 118 applies to all road users in Ontario regardless of their home jurisdiction. It is a blanket prohibition with limited exemptions in the legislation, supported by a regulation that grants exemptions to some classes of drivers for certain types of devices. The exemptions are either permanent or time-limited.

Section 13 of the regulation grants a time-limited exemption for amateur radio operators licensed by Industry Canada. As noted in my previous email, Industry Canada treats a U.S. amateur who is operating a radio in Canada with a valid U.S. certificate as having the same privileges as someone who holds a valid radio operator certificate issued under the Radiocommunication Act (Canada). A U.S. amateur operator without a valid U.S. certificate, for instance, would not qualify for the exemption.

I hope this has answered your question.

Gordon Stewart

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2010 DATES

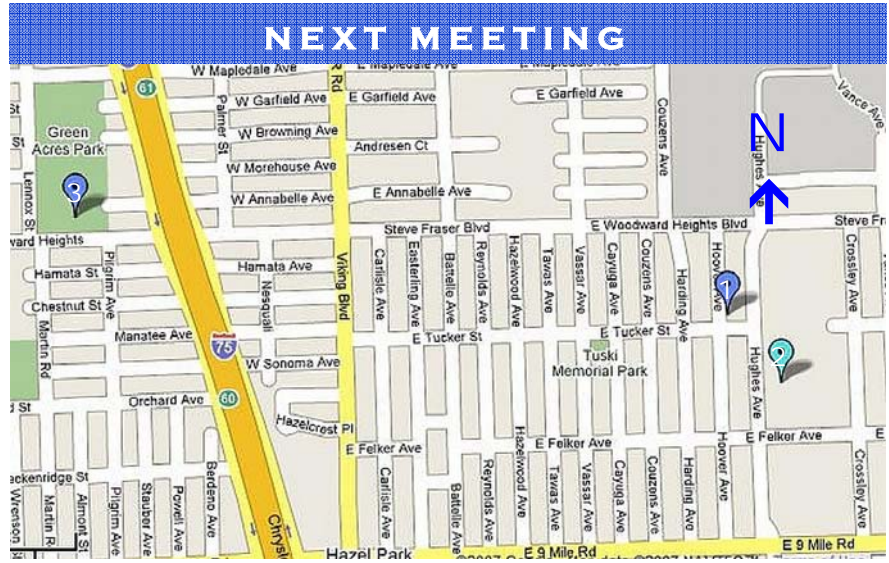
April 14
May 12
Banquet June 9
Field Day June 26-27
Picnic August 11

TIME

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

PLACE

Hoover Elementary
23720 Hoover Ave.
Hazel Park 48030



Locations: 1- Meeting 2- Swap 3- Picnic

We're on the Web
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?