

The Zero Beat

THIS MEETING

November 11, 2009
7:30 P.M.
 (socializing begins at 7)
 Hoover Elementary
 23720 Hoover Ave.
 Hazel Park 48030

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GENERAL MEETING

The Meeting presentation will be "Tweaks, Whistlers, SIDS: Monitoring the Earth's Magnetosphere and Ionosphere in the 100,000 Meter Band" by Tom Hagen, NE9Y. It has to do with "natural radio" which is basically RF in the audio frequency range. Very bizarre stuff. This is way below VLF. NASA has supported programs dealing with this topic, mostly done by high school classes.

Look forward to seeing you at the meeting.

PRESIDENT'S QRM

November is sweepstakes month. The ARRL Sweepstakes Contests are this month and it is a great time to work states for your WAS (worked all states award) or 5BWAS (five band WAS). There is a CW contest the First weekend in November and a **phone** contest the third weekend in November.

The contests have two objectives: 1.) make at least 100 contacts and receive a pin. 2.) Work all US and Canadian sections for a clean sweep and earn a nice coffee mug. Our club will buy you the pin and coffee mug. You just turn in your summary sheet to our second vice president Dave, K8TRF and he will order them, if you qualify. They will be given out at the June banquet as usual, no exceptions this year.

If you were at the last general meeting then you know we have made (as AA8UU said) an 800 percent improvement in the sound system. So if you have been missing meetings because of it come back and try us again. Bring a buddy.

How many have built something with surface mount components (SMT)? Are you afraid to try it? Well, Ramsey offers a

Surface Mount Soldering Course and Kit SM200K for \$22.95. This might be a nice club project. Check it out at <http://www.ramseykits.com/>. Let me know if you are interested and we might be able to get a club discount if we order enough.

The swap is coming up in January 2010. If you know of vendors that might be interested get a swap flier to them. Some of them have not made plans for 2010 yet so this is a good time to contact them. We need to promote the swap, as it is our only fundraiser.

If you know someone who would like to be considered for the very important job of swap chairman next year let me know and I will add the name to the list. Now is the time to learn the "ropes" for next year.

I thought the Spud Gun Fun article in the October Zero Beat was great! I think Dave, K8TRF and Joe, K8JRE should submit it to QST for publication.

From the Amateur's Code: "The Radio Amateur is **Balanced**...radio is an avocation, never interfering with duties owed to family, job, school or community." This is from an

(Continued on page 2)

OFFICERS &
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- **Sunday Net:** Bill Ketel
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- **50/50 & Donuts:**
Rey Bora KD8FVN
- **Field Day :**
John Teagardin, AA8UU
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- **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 147.56 MHz for those wanting to practice and test their equipment)

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.

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.

HPARC medium speed CW net

Every Tuesday night at 8:00 PM on 28.128 MHz. AI, 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.

AI calls CQHP at 8 PM sharp!

James Fleming
KC8CAM / VK4TJF
new member of the A-1 Op Club

Earned his American
Amateur Extra Class license
in Honolulu, HI
on October 20, 2009

QRM CONT.

(Continued from page 1)

ARRL publication.

Don't forget the Official HPARC Sunday night net at 9:00 pm on 146.640 MHz. We would be happy to have everyone sign up to take a turn as the net control operator; it is fun and good experience.

The net is what we make it, so lets everyone meet there and make it the best net in the area. Our other HPARC net is the medium speed CW net, run by AI N8WYO, every Tuesday at 8:00pm on 28.128 MHz.

See you at the November meeting, on the net and at Saturday morning breakfast.

Radios hate dust, so dust them off and have fun.

73

Murray, KE8UM

TECH CLASS

The March, 2010 Technician Class will be the last class before they change the Technician question pool. Class is held at the Southfield EOC on Mondays at 7 PM for 10 weeks.

HPARC classes prepare people for all license levels. This is not a "pass the test class" but the beginning of a series that will teach knowledge of ham radio and preparation for further upgrades. No prior electronics knowledge is required.

Technician class is open to anyone interested in ham radio no matter of previous education or experience. If you need to buy a calculator, we suggest you get one that will perform functions such as LOG, EXP and square root.

We will use the ARRL License Manual available for purchase on the first day of class for \$20.

Marsha Fleming N8FE

MEETING MINUTES

Meeting Called to order at 7:33 PM by the President, Murray Scott, KE8UM.

Jerry Begel, W9NPI, gave a Presentation about the early history of Telegraphy, called "**Telegraphy—Wired, Wireless, and Otherwise.**" This History ended at about the time of the First World War, and Jerry promised to return with another installment early next year.

A coffee & donuts break followed.

Business Meeting called to order at 8:44 PM

Secretary's Report

September, 2009 General Meeting Minutes, as published in the September Zero Beat. Secretary W9NPI added several corrections that did not get to the Editor in time.

Moved to accept: W8WRB, Second: K8IKW. **Approved.**

Treasurer's Report

John Fleming, K8UP, reported that the club had a current balance of \$6565. Moved to accept Treasurer's report: K8MAR, Second: AA8KR. **Approved.**

Field Day

KE8UM advised that the Hazel Park School Board tracked him down with applications for Camp Hazelwood for the 2010 Field Day dates. Application was made, since there is some uncertainty as to our getting Green Acres Park next year.

KE8UM also requested that members turn over any old Field Day Logs for W8JXU and W8HP to be place on Log-book Of The World. We also need more "Ham of the Year" recipient information.

Sound System

KE8UM demonstrated a new sound system for the Club. It consists of a 35-watt amplifier, clip-on remote microphone, and Hi-Fi speaker that cost a total of \$33. The amplifier fits in the recently acquired podium.

Coffee

N8QVS was seeking someone to take over coffee making responsibilities at the General Meetings. Ralph Augustyniak, KC8ZKA, volunteered.

Membership

No new membership applications were submitted at this

meeting. K8ABZ passed out sample copies of HPARC Membership Application Forms. They are to be completed on-line.

Raffle

AA8OZ won the 50/50 raffle.

Tickets were sold towards the next Mobile Transceiver. When enough tickets are sold to purchase a unit, a winner will be drawn.

HPARC 2-meter Net

K8UP reminded the membership about participating in the Sunday Night Net, 146.64, at 9:00 PM EDST. The Club is still looking for more Net Control volunteers.

Classes

KC8WPW is planning to schedule a Technician Class in March, 2010. K8UP advised that classes for General and Extra could be made available if there is demand.

Jackets

KE8UM announced that all products (Tee Shirts, lined and unlined jackets with Club Logo) are still available. W9NPI volunteered to review previous Board Minutes to see whether the Club still offers a \$10 subsidy on New Member jackets.

Announcements

Swaps (information on HPARC Website):

Holland, MI, October 17

Kalamazoo, MI, October 18.

USECA, Sterling Heights, MI, October 25.

Joe, K8JRE, talked about the Spud Gun Antenna Shooters that he built, and offered one of them for sale. The gun will shoot a fishing line to a height of 80-90 feet.

Per School Custodian request, Murray, KE8UM, demonstrated the proper way of stacking the folding chairs on their storage rack.

Meeting was adjourned at 9:23 PM

Respectfully submitted, Jerry Begel, W9NPI, Secretary

NEW IRCs

CONTEST CORNER



It is now time to start dumping your old International Reply Coupons (IRCs): The "Beijing Model No 2" must be

redeem before December 31, 2009.

According to [The Daily DX](#) editor Bernie McClenny, W3UR, many QSL managers are now only accepting the new [Nairobi Model IRC](#), so he advises that it is now time to start getting rid of the old IRCs and not get stuck with any!

The [new IRC](#), available in the US since September 10 and elsewhere since July, costs \$2.10 each in the US. For those in the US who will be exchanging the old version of IRCs for new ones, [USPS Bulletin #22267](#) advises postal workers to tell customers "to exchange IRCs that expire on December 31, 2009 for the new IRC version (Item 330800) or for other postage stamps. Retail associates (RAs) can exchange unused US-issued IRCs for \$0.01 less than the value of the IRC. (The amount to exchange is the printed price of the IRC along with any additional postage affixed minus one penny.)"

The Nairobi Model was designed by Rob Van Goor, a graphic artist from the Luxembourg Post. It was selected from



The Nairobi Model IRC will expire in 2013.

among 10 designs presented by Universal Postal Union member countries. Van Goor interpreted the theme of the contest -- "The Postage Stamp: A Vehicle for Exchange" -- by depicting the world being cradled by a hand and the perforated outline of a postage stamp. For more information on IRCs, see the July and September 2006 issues of QST (page 86).

Welcome to Contest Corner. As usual, there seems to be something for everyone. CU on the air.

NOVEMBER 2009

- Nov 14 - Nov 15 WAE DX Contest, RTTY
- Nov 14 - Nov 15 Kentucky QSO Party
- Nov 14 - Nov 16 CQ-WE Contest
- 16-Nov Run for the Bacon QRP Contest
- Nov 21 - Nov 23 ARRL Sweepstakes Contest, SSB
- 22-Nov EU PSK63 QSO Party
- Nov 25 RSGB 80m Club Sprint, CW
- Nov 28 -Nov 29 CQ Worldwide DX Contest, CW

Sweepstakes Logs due in 15 days

To make this faster turnaround possible, logs must be received at ARRL HQ within 15 days of the end of the contest, not 30 days, as it has been for years. Log submission deadlines are 0300 UTC Tuesday, November 24 for CW and 0300 UTC Tuesday, December 8 for Phone. Kutzko said that the preferred method of log submission is the Cabrillo electronic format.

"We have several links on the [ARRL Contest Branch Web page](#) devoted to Sweepstakes tutorials, including how Cabrillo works and even templates for submitting an entry," Kutzko explained. "While the ARRL will never turn away a paper log, we are asking all entrants to submit their log electronically if possible; this will greatly help us to publish the scores in 60 days as many participants have requested."

Numerous certificates and plaques will be awarded, thanks to [ICOM America](#), the principal awards sponsor of the November Sweepstakes. Special participation pins and Clean Sweep mugs will be available for purchase as always. Pins are available for \$6 to any station that submits a log with more than 100 QSOs. Clean Sweep mugs will be available to any station that submits a log with all 80 Sections worked; mugs cost \$12.

"Sweepstakes has been a part of Amateur Radio for nearly eight decades," Kutzko said. "Don't sit this one out. Check the ARRL Contest Branch Web site for your Sweepstakes 'how-to' package, get on the air, have fun and take part of one of Amateur Radio's finest traditions -- CQ SS!

NO MORE MOBILE IN ONTARIO

I was talking on the 146.76 repeater on the way home from work one night to the usual group of guys (American and Canadian) who talk me home. This night Carlo VA3CSS told me that I better be careful when I come over as I can't talk on my cell phone while driving. He said that same law included two way radios but they were given a 3-year exemption.

As you can imagine it became a lively conversation for a few rounds as a few more people joined in and talked about people texting while driving and putting on makeup etc. But then we got to the important part - the 3 year exemption for civilians using two way radios (including amateur radio operators). Our group discussion decided that the 3-year exemption was to give the industry long enough to come up with a "one-button" technology for using the microphone rather than holding down the PTT.

Marsha N8FE

Here is the part of the law that pertains to us. After that, you can read an email discussion between Jim Weaver, myself and Rich VE3KI, Vice President, Regulatory Affairs, Radio Amateurs of Canada.

ONTARIO REGULATION 366/09

Countering Distracted Driving and Promoting Green Transportation Act, 2009

Takes effect on October 26, 2009

Definitions

1. In this Regulation, "hand microphone or portable radio" means a wireless communication device, consisting of a hand-held unit that is both receiver and microphone, that is operated by a push-to-talk function on a set frequency and that allows for voice communication but not for the transmission and receipt of voice communication at the same time; ("microphone à main ou radio portative") "mobile data terminal" means a computerized device that is used exclusively to communicate with a dispatcher or control centre; ("terminal mobile") "two-way radio" means a wireless communication device, consisting of a main receiver unit and a separate hand-held microphone, that is operated by a push-to-talk function on a set frequency and that allows for voice communication but not for the trans-

mission and receipt of voice communication at the same time. ("radio bidirectionnelle") O. Reg. 366/09, s. 1.

Time-limited exemption for amateur radio operators

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. O. Reg. 366/09, s. 13 (1).

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

O. Reg. 366/09, s. 13 (2).

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. O. Reg. 366/09, s. 14 (1).

(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. O. Reg. 366/09, s. 14 (2).

EMAIL DISCUSSION

From Jim Weaver K8JE, Director ARRL Great Lakes Division

The quotations you sent raise one additional question that I will pursue. The part is: "**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." My question is: As worded, the exception refers only to Canadian amateur licensees. Does the Canada:US reciprocal operating agreement extend this exception to US amateurs who visit PQ?

(Continued on page 6)

NO MORE MOBILE . . .

(Continued from page 5)

I'll follow-up on this. If you are aware of an official written document on this, please send it or a citation to it to me.
Jim Weaver K8JE, Director ARRL Great Lakes Division

From Rich VE3KI, Vice President, Regulatory Affairs Radio Amateurs of Canada

One clarification - it's not PQ (Quebec), it's Ontario. In Canada as in the US, laws governing what you can or cannot do while driving a vehicle come under state/provincial jurisdiction, not federal, and they are different in every province or state.

I'll take this opportunity to mention that in Quebec, driving while holding a hand-held device with a "telephone function" is outlawed, regardless of whether the telephone function is being used or not. There is no exemption for amateurs. This means that drivers in Quebec cannot hold or use a microphone with a DTMF keypad, but microphones without a keypad are OK there.

Now back to Ontario. The answer to the question is no: the reciprocal operating agreement does not extend the time-limited exemption for Canadian amateurs to visitors from the US. Under the Ontario law, visiting amateurs who do not have Canadian operators certificates are not allowed to hold or use a microphone while driving in Ontario.

A similar situation may arise soon in Manitoba. The law there has been passed, but it is not yet in effect pending the drafting of detailed regulations. There is an exemption in the law that only applies to holders of Canadian-issued operators certificates, and not to people operating under a reciprocal operating authority.

I might add that I have found at least one US state (Washington) where a similar situation exists in reverse. There is an exemption in the state law banning hand-held devices for holders of amateur radio licenses issued by the FCC, but Canadian amateurs who do not hold FCC licenses are not exempted.

My reply to Rich

Thank you for replying and explaining the meaning of the laws. It is unfortunate that the state/provincial governments have not acknowledged what their own Federal agencies have worked so hard to achieve in the way of re-

ciprocal licensing.

Perhaps, this is another task that we members of RAC and ARRL need to speak up and be heard. I for one will do whatever is needed to make sure that my fellow hams in Canada can cross the border into Michigan and use their mobile rigs.

Conclusion

Dear HPARC member,

This means that we no longer can operate mobile in Ontario. In Quebec, you can operate mobile if your mic does not have a DTMF pad. In Manitoba, they are soon to have a similar law as Ontario.

The only way right now that you can operate mobile is to obtain an Ontario license. That seems to go against the reciprocal licensing agreements between the US and Canada.

The ARRL is aware of this now and it is up to us to let the ARRL know this is important to us. Write letters or emails to your Section Manager Dale help them ask that the Provincial governments accept our reciprocal licenses.

Jim Weaver can now go forward with this if he thinks this is what the membership wants. Let him know that it is what you want. Contact Jim K8JE at k8je@arrl.org

Let's fight this injustice.
Marsha Fleming N8FE

AROUND TOWN

6 Dec 2009 L'Anse Creuse Amateur Radio Club

<http://www.n8lc.org> Talk-In: 147.08 DOWN (PL 100)

Contact: [Marty Folz, K8HVI](mailto:Marty.Folz@K8HVI)

L'Anse Creuse High School
38495 L'Anse Creuse Street
Mount Clemens (Harrison Twp), MI

17 Jan 2009 44th Annual Hamfest ***

Hazel Park Amateur Radio Club

<http://www.hparc.org>

Talk-In: 146.640 (PL 100)

Contact: Mike Van Buren, WD8S

hone: 248-399-7970 Email: wd8s@comcast.net

Hazel Park High School, Hazel Park, MI

W 1 A W W I N T E R S C H E D U L E

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: 1.8175 3.5815 7.0475 14.0475 18.0975
21.0675 28.0675 147.555

RTTY: 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.

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 ET), 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 ET) Thursdays and 0100 UTC (8 PM ET) 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.

The W1AW Operating Schedule may also be found on page 102 in the November 2009 issue of QST or on the web at, <http://www.arrl.org/w1aw.html>.

F C C C L A R I F I E S R A D I O U S E F O R B U S I N E S S

The Public Notice -- [DA 09-2259](#) -- affirms that the Commission's rules "specifically prohibit amateur stations from transmitting communications 'in which the station licensee or control operator has a pecuniary interest, including communications on behalf of an employer.'"

ARRL Regulatory Information Manager Dan Henderson, N1ND, said that "This *Public Notice* is intended to clarify a difficult issue. A wide range of unofficial -- and frankly some incorrect -- interpretations have been offered on this topic in various public forums recently. DA 09-2259 is the official FCC notice on this issue. Though issued jointly by the Wireless Telecommunications Bureau ([WTB](#)), the Enforcement

Bureau ([EB](#)) and the Public Safety and Homeland Security Bureau ([PSHSB](#)) under delegated authority from the Commission, the *Notice* makes it clear that WTB is the Bureau at the FCC with jurisdiction over the Amateur Radio Service rules and their interpretation."

John K8UP gave an example of how this could work locally. The Emergency Manager is a ham. He is paid to be in charge of the Community Emergency Management Division. He wants to do the hospital net. He CAN do that as it is volunteer OUTSIDE his paid duties. Another example is: DPW radios go out. They are all hams. They CANNOT use amateur radio to perform their DPW functions.

MARK YOUR CALENDAR

2009 DATES

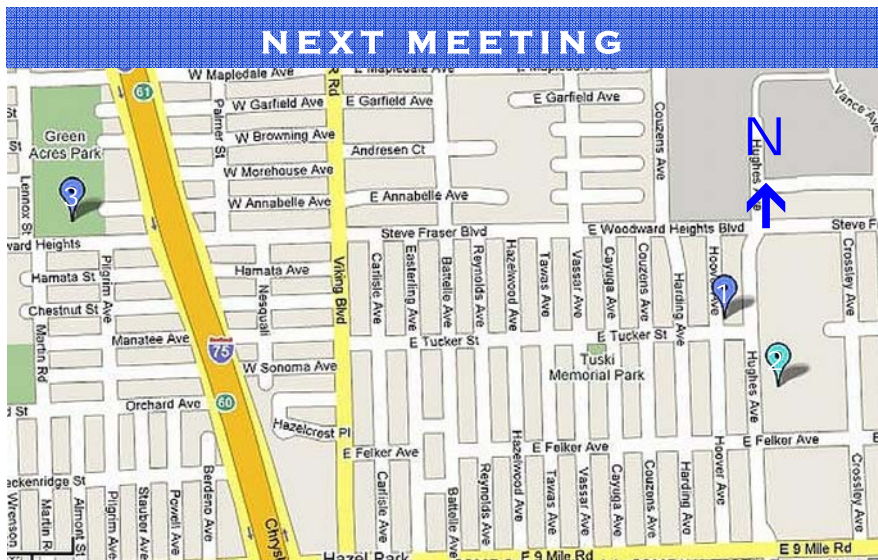
- December 9
- January 13
- February 10
- March 10
- April 14
- May 12
- June 9

TIME

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

PLACE

Hoover Elementary



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?