



The Zero Beat

THIS MEETING

December 9, 2009
7:30 P.M.
 (socializing begins at 7)
Hoover Elementary
23720 Hoover Ave.
Hazel Park 48030

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HOLIDAY PARTY

Merry Christmas and Happy Chanukah! Join everyone at the **Holiday Dinner on December 9** at **Hoover Elementary**. Eyeball meeting starts at 7 pm and **Dinner at 7:30**. Family welcome.

Cost of dinner is a **unwrapped new toy or money donation to the Royal Oak Salvation Army**. Please put your cash or check donation in an envelope and bring to the meeting.

PRESIDENT'S QRM

It's December already! That means it's time to get our Christmas lists and shopping done. QST and CQ magazines have a lot of neat new stuff in them for your lists. We will be donating to the Royal Oak branch of Salvation Army this year so bring a toy to the Christmas party or put a donation in a sealed envelope for them.

The December meeting is our holiday party and the club will provide pizza at the meeting. If someone wants to bring something that would be fine as long as there is enough for everyone. 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! We also will show a video.

The sweepstakes contests are over. Those of you that worked over 100 contacts or a clean sweep in the CW and/or SSB sweepstakes make sure Dave K8TRF has summary 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 got a clean sweep you have bragging rights! Did anyone get a clean sweep on SSB or CW

Our annual Swap is January 17th. 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. We need to work extra extra hard this year. Mike WD8S is the swap chairman again and still needs someone to help and learn the ropes for next year. Marsha N8FE is again going to schedule ticket takers for the doors, so sign up with her. 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.

We came in 21st in our 4A Field Day category. See page 74 in the December QST. We had fun and put in a lot of last minute effort to pull it off this year. Now we look forward to the next Field Day weekend in 2010.

The Michigan state legislature has a PRB-1 bill see it at:

(Continued on page 2)

OFFICERS & VOLUNTEERS

Officers

- **President:** Murray Scott
KE8UM@arrl.net
- **1st VP:** Jim Poehlman
K8ABZ@arrl.net
248-398-0086
- **2nd VP:** Dave K8TRF
248 280-0385
k8trf@arrl.net
- **Treasurer:** John Fleming K8UP 248-542-9573
john@fleming-photo.com
- **Director:** Rich KC8WPW
586-264-5035
shadowru@comcast.net
- **Secretary:** Jerry Begel
W9NPI 248-543-2284
afcsman@comcast.net
- **Parliamentarian:** Mike Van Buren WD8S
wd8s@arrl.net

Volunteers

- **Technical Coordinator & W8HP Trustee :**
Murray Scott
KE8UM@arrl.net
- **W8JXU Trustee:**
Bill Ketel N8QVS
- **Education Coordinator:**
John Fleming K8UP
248-542-9573
john@fleming-photo.com
- **Instructors:**
Rich Urbano KC8WPW
kc8wpw@arrl.net
Marsha Fleming N8FE
n8fe@arrl.net
John Fleming K8UP
john@fleming-photo.com
- **Contest Mentors:**
Mike WD8S
wd8s@arrl.net
Gerry K8GT
k8gt@arrl.net
- **VE Testing:** Dee Flint
N8UZE n8uze@arrl.net
- **LoTW Manager:**
Murray Scott KE8UM
ke8um@arrl.net
- **Newsletter/PIO:** Marsha
N8FE n8fe@arrl.net
- **HPARC Apparel**
Sean Fleming K8KHZ
k8khz@ymail.com
- **50/50 & Donuts:**
Rey Bora W8REY
- **Meeting Coffee:**
Ralph Augustyniak KC8ZKA
- **Sunday Net:** Bill Ketel
N8QVS 248-544-2452
[wkotel2@wowway.com](mailto:wketel2@wowway.com)
- **Holiday Party Chair:** John
K8UP
- **Dayton Flea Market:**
Steve Gladstein N8FH
- **Banquet:** Rey Bora W8REY
rey62@aol.com
- **Field Day Chair:**
John Teagardin, AA8UU
aa8uu@arrl.net
- **HPARC Official Cook:**
Bill N8QVS
- **Swap:** Mike Van Buren
WD8S wd8s@arrl.net
- **Webmaster:** Marsha N8FE
- **Nominating Committee:**

QRM CONT.

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<http://www.prb1michigan.org/id17.html>; and see <http://www.prb1michigan.org/>. This bill will write the federal bill into state law and make it easier for us to put up antennas. Please write your legislators to support the bill. See the PRB-1michigan web site for details.

Mike WD8S has copies of the membership manual so if you are new and/or didn't get one please see him. Thank you again to Mike for printing them.

See you at the holiday party, Saturday morning breakfasts and on the clubs official Sunday night net at 9 PM.

Have fun with radio.

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

SENATE DEBATES

S. 1755 Reported from Committee

The US Senate version of **The Amateur Radio Emergency Communications Enhancement Act of 2009** was reported by voice vote from the Homeland Security and Governmental Affairs Committee. The next stop is the Senate floor.

Stand by for information on how you can help move this bill forward through the full Senate. S. 1755 and companion bill HR 2160 in the US House are the first steps toward overcoming excessively-restrictive codes, covenants and restrictions (CC&Rs) in real estate contracts.

These CC&Rs ban amateurs from erecting antennas in ever-increasing numbers of private housing developments in the US.

HR 2160 still needs our support. Please write to your representative in the US House of Representatives urging him to support this bill.

James Weaver, K8JE

ARRL Great Lakes Division Director:

k8je@arrl.org

MEETING MINUTES

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

Speaker

Tom Hagen, NE9Y, gave his Presentation called "Tweaks, Whistlers, SIDS: Monitoring the Earth's Magnetosphere and Ionosphere in the 100,000 Meter Band." He described and demonstrated the reception of radio signals generated by natural phenomena, such as lightning strikes and aurora displays.

A coffee & donuts break followed.

Business Meeting called to order at 8:37 PM

Secretary's Report

October, 2009 General Meeting Minutes, as published in the October Zero Beat. Moved to accept: N8UZE, Second: K8MAR. **Approved.**

Treasurer's Report

John Fleming, K8UP, reported that the club had a current balance of \$6845. with an additional \$30. in Petty Cash. Moved to accept Treasurer's report: K8MAR, Second: N8AE. **Approved.**

Field Day – KE8UM

Technician Classes are scheduled to begin on the first Monday in March 2010, at the Southfield EOC.

The Hazel Park School Board has approved our reservation for Field Day at Camp Hazelwood, and is issuing a permit. Murray continues to request that members turn over any old Field Day Logs for W8JXU and W8HP to be placed on Logbook Of The World. He is also needs more names of previous HPARC "Ham of the Year Award" recipients.

Board Meeting

KE8UM advised that there would be a Board Meeting next week, November 18, at 7:00PM at Hoover School. Any member is welcome to attend.

Holiday Party

We have one member who has volunteered to help with the Holiday Party, which is scheduled for the December General Membership Meeting night. More volunteers are

needed to help serve, or to prepare food in addition to the Pizza and Salad planned. Contact Murray, KE8UM if you wish to help.

Swap

The Club still needs someone to assist our Swap Chairman, Mike Van Buren, WD8S, and to take over the job as Chairman the following year.

Raffle

Larry Koziel, K8MU won the 50/50 raffle, and turned back his winnings to the Club.

Bob Klinger, K8RMK, won the 2-meter mobile radio. He was not present, and will be notified.

Sweepstakes

KE8UM: The CW Sweepstakes Contest is now over, and the Phone contest will run on November 22-22. Murray asked that members participate for Club credit. If participating members forward a copy of their Contest Summaries to him, the Club will buy their qualifying Pins and "Clean Sweep" cups.

Jackets

The Club still offers a \$10 subsidy on New Member jackets. If you wish to place an order, contact Sean, K8KHZ before Thanksgiving.

Boy Scout Presentation

A Boy Scout representative asked for the Club's participation for their Council's October, 2010 Jamboree On the Air (JOTA)/Jamboree On the Internet (JOTI) activities. This would involve our setting up station(s) at a Boy Scout camp or facility, and running classes and demonstrations. The Scouts will present a short program about it to the Membership in the Spring.

IRCs

KE8UM announced that the current International Reply Coupons will expire at the end of this year. They should be cashed in at the Post Office. New IRCs are not yet available.

(Continued on page 4)

MINUTES...

Announcements

N8FE advised that Canadian provinces have passed laws that prohibit Non-Canadian Amateurs from operating a hand-held radio or hand microphone while operating Mobile in Canada. Bluetooth may be OK. See the Club Website HPARC.org for details.

Jim Stafford, K8LFE, President of the L'Anse Creuse Radio Club and member of HPARC and USECA volunteered to be an Interclub Liaison between the clubs, sharing announcements about various activities.

John, K8UP, reported on the ARPSC Siren Test program, which is highly successful in this part of the County. Jerry, W9NPI, found an audible SWR device at the USECA Swap. He asked that members find and give it to someone who could use it.

Rey, W8REY, announced that he had Entertainment Coupon Books available, and that a \$4 commission would be paid to the club for each one sold.

Swaps (information on HPARC Website):

L'Anse Creuse, December 6, includes a VEC session
 Hazel Park Amateur Radio Club Swap, January 17, 2010.
 Livonia Amateur Radio Club Swap, February 21, 2010.

Adjournment

Meeting was adjourned at 9:20 PM
 Respectfully submitted,
 Jerry Begel, W9NPI, Secretary

NEW TECH POOL

The [new Technician class \(Element 2\) question pool](#) will be released to the public in January 2010. It will become effective for all examinations administered on or after July 1, 2010, and it will remain valid until June 30, 2014. The current Technician question pool ... will expire June 30, 2010. The new Technician pool contains approximately 400 questions, from which 35 are selected for an Element 2 examination. This question pool will contain graphics and diagrams, something new for this element.

Technician Class with current question pool begins on Monday March 1 and will finish **before** the new pool starts.

To sign up or ask questions contact Marsha N8FE at n8fe@arri.net or call 248-542-9573.

RESCUE HAMSAT

Indonesia to Launch Rescue Radio HamSat

The Bernama dot com on line newspaper reports that the Indonesian Amateur Radio Organization called Orari and the Indonesian National Institute of Aeronautic and Space plan to launch the ham radio bird next year. But so far the president of the Orari has not revealed the satellite's size nor its orbital distance from Earth.

According to the website, the new ham radio bird will be used to expand the nation's ham radio communication network to remote districts. It went on to note that the satellite will play a major role in linking land, sea and air communication for rescue radio operations.

The article also noted that ham radio operators from Orari had become the alternative communication tool during disasters like the tsunami in Aceh and the recent earthquake in Padang. [source: Amateur Radio Newsline Report 1683]

HPARC JACKETS

SIZE	FLANNEL	QUILTED
Regular	35.50	41.00
XXL	37.50	43.00
3XL	40.50	46.00

Payment due at time of order

contact Jacket Chair
 Sean K8KHZ k8khz@ymail.com
 248-331-7821

\$100FF*

FIRST HPARC JACKET

Flannel or quilted Jacket

* Payment must be made when placing Order

C Q D X . . .**Climate Change Conference - Special Event Station**

Look for special event station 5P15COP from Zealand Island (EU-029) to be active between December 7-18th. Activity is taking place during the big United Nations '[Copenhagen Climate Change Conference](#)'.

Operators would like to "invite all radio amateurs worldwide to show their concern and care about the environment and climate, by contacting this special event station." Operations will be on 160-6 meters using CW, SSB and the Digital modes. QSL via OZ5BAL, direct or by the Bureau. For more details about the project, QSL card and awards available, please visit: <http://www.5p15cop.dk>

Antarctica Planned for Activation on HamSats

Bill, K7MT, is going to work at the McMurdo base (AN-011) between Nov 15 and Feb 20, 2010. He will sign KC4USV mostly on 20m during Sundays. Listen for him in SSB on 14243 kHz, in CW on 14043 kHz or in PSK-31 on 14070 kHz. He plans to bring his Arrow II antenna and a Kenwood TH-7 which he can use also on amateur radio satellites. QSL via K1IED. His homepage can be found at: <http://www.mt.net/~k7mt>

UN on the AIR

SWITZERLAND, HB. Look for special event station 4U1AIDS to be QRV from UNAIDS HQ in Geneva from December 1 to 7 as part of World AIDS Day. QSL via operators' instructions.

Mark Your Calendars for DXing

Now's the time to get that extra Calendar for your that needed DX entity. It works well to get the email lists and mark the Callsign on the dates they will be operating. Then on a file on the computer keep the information about operating times, frequencies, web site, QSLing.

MS Outlook and similar calendar programs allow more than one calendar. That way you can all electronic. You can even print the calendar each month or week day and put it in the shack. If you print the day, you can have it print "notes" and it will print the details for that entity.

If you'd rather just surf the web, you could use the DX calendar at <http://www.ng3k.com/misc/adxo.html>

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

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

NOVEMBER 2009

- | | |
|----------------|--|
| 3 | 10 meter NAC - CW/SSB/FM/Digital |
| 4 - 6 | ARRL 160 Meter Contest - CW |
| 5- 6 | ARRL International EME Competition - All |
| 12-13 | ARRL 10 meter Contest - CW/Phone |
| 12-13 | MDXA PSK DeathMatch - PSK-31/PSK-63 |
| 12-16 | North American VHF WSJT Contest - WSJT |
| 18 | Russian 160 Meter Contest - CW/Phone |
| 19 | OK DX RTTY Contest - RTTY |
| 19 | RAC Canada Winter Contest - CW/Phone |
| 19 Dec - Jan 3 | Lighthouse Christmas Lights QSO Party |
| 19 | "Memory Lives Forever" Contest - CW/SSB |
| 19-20 | Croatian CW Contest - CW |
| 21 | Run For The Bacon QRP Contest - CW |
| 26 | SSA Jultest (2) - CW |
| 26 | DARC XMAS-Contest - CW/SSB |
| 26-27 | South Dakota QSO Party - CW/Digital/Phone |
| 26-27 | Stew Perry Topband Distance Challenge - CW |
| 27 | RAEM Contest - CW |

Contesters Practicing Yield New Ones

CQ WW CW was just last weekend. But you're not a CW? You can still look for new ones before and after the CW contests. If you check the email announcements or DX lists, you'll see who's going to be operating the contest. Pay close attention to which ones say they'll be working before and/or after the contest and which bands or frequencies.

Another thing you can do is check to see if you hear anyone the day/evening before the contest. Many times they are testing antennas and radios.

If you are a CW operator but don't have time to work the contest, then this is a good time to get them when they switch to CW to limber up for the contest. In any case, it never hurts to through out your own CQ while you have the radio on and see if you can get your own pile up going.

Happy DX'ing
Marsha N8FE

VANITY CALL RULES?

On Wednesday, November 25, the FCC issued a *Notice of Proposed Rule Making (NPRM)* – [WT Docket No. 09-209](#) – seeking to amend the Commission's Amateur Radio Service rules to clarify certain rules and codify existing procedures governing the vanity call sign system, as well as revise certain rules applicable to club stations.

In its *NPRM*, the Commission said that it is their belief "that the public interest will be served by amending certain rules in order to make the Amateur Service's vanity call sign system more equitable and transparent. We also propose changes in the rules governing club station licensing, to promote equitable and administratively efficient processes.

We therefore seek comment on these proposed rule changes. In addition, we invite commenters to propose any other amendments to the rules governing the vanity call sign system and club station licensing."

The comment period for [WT Docket No. 09-209](#) will extend for 60 days after it is published in the *Federal Register*. Historically, items appear in the *Federal Register* approximately 7-10 days after they appear on the FCC Web site. Reply comments can be made up to 75 days after publication in the *Federal Register*. Information on how to make comments can be found in the [NPRM](#).

DOWNLOAD WEBINAR

The October webinar was great. ARRL General Counsel Chris Imlay, W3KD and ARRL Regulatory Manager, Dan Henderson, N1ND discussed Section 97.113 of the FCC rules, including the recent Public Notice that clarified this section. Several excellent questions were asked by participants.

Audio of the presentation can be downloaded at www.atldiv.org/training. A CD that includes video is also available through the site. The cost of the CD is only \$5 plus \$2.41 shipping to total \$7.41.

Thanks to Atlantic Division Director Bill Edgar, N3LLR for hosting this event and for opening it ... to GLD members.

H P A R C S W A P

HAZEL PARK AMATEUR RADIO CLUB 44th ANNUAL HAMFEST

January 17, 2010 - 8:00 AM till 12:00 NOON

Hazel Park High School
23400 Hughes, Hazel Park, Michigan 48030

Talk-in W8HP 146.640 (100 Hz pl)
DART Repeater

TABLES \$15 TICKETS \$5

Plenty of Free Parking
Vendor Setup: 6AM **with paid admission**

Download the [HPARC Swap Flier](#).

For more information contact
Swap Chairman Mike WD8S
wd8s@arrrl.net or call 248-399-7970

EXTRA CLASS NOW

John Fleming K8UP will teach a class for the **EXTRA EXAM** beginning on **Tuesday JANUARY 19**. Class will run each week from 7 PM to 9 PM for 16 weeks maximum. VE Exam will be the last class. **Classes are held at the Southfield EOC on Evergreen just south of I-696 in the same parking lot as the Southfield Library.**

HPARC classes prepare people for all license levels. This is not a "pass the test class" but the finale of a series that teaches knowledge of ham radio and all that goes with it. Some prior electronics knowledge is required.

Extra 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.

H P A R C N E T S

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

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, W8K.

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. 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!

A N T E N N A O N I S S

ARISS US Hardware Manager **Lou McFadin, W5DID** says that all the teamwork and effort to expand the ARISS amateur radio station aboard the ISS were successful this weekend. . . the new dual band 2m/70CM antenna was installed on the outside of ESA's Columbus module.

Lou congratulated the team, "This is an example of what can be achieved by volunteer hams working closely with a space agency. This antenna project was funded entirely by **AMSAT-NA** and volunteers who built the antennas for both an ESA experiment and for ARISS. I am very proud of all the teamwork and effort that has gone into this project."

The new ARISS antenna is very similar to the antennas already on the Russian service module. [With]the antennas in place the ARISS team will be working to bring amateur radio to the Columbus module.

In conclusion Lou noted the tremendous contribution from ESA for the experiment, the launch and the EVA making this expansion of amateur radio aboard the ISS possible.

[Source: AMSAT News Service (ANS)]

Watch highlights from the second spacewalk during which the Amateur Radio antenna was installed

http://www.southgatearc.org/news/nov...led_on_iss.htm

I P H O N E E X A M A P P

ARRL announces iPhone and iPod Touch "Apps" – named [ARRL Technician](#), [ARRL General](#) and [ARRL Extra](#). They function as an electronic version of practice exam flash cards. The ARRL apps are available for \$1.99 each on Apple's iTunes "App Store."

Amateur Radio exam candidates can use the applications as a study companion to the [ARRL license manuals](#) and classroom instruction. The apps include all the possible questions and answers that will be on each of the license tests. Users can flag questions that need more review, segment questions for study by sub-element, or even study the questions in a random order.

A R O U N D T O W N

6 Dec 2009 **L'Anse Creuse Amateur Radio Club**

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

Contact: [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

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

Hazel Park High School, Hazel Park, MI

**M
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2009 DATES

- 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
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?