

The Zero Beat

THIS MEETING

December 8, 2010
7:30 P.M.
 (socializing begins at 7)
 Hoover Elementary
 23720 Hoover Ave.
 Hazel Park 48030

CONTENT

Around Town	9
Cave Texting	3
Contesting	4
CQ DX	4
CW Operating	6
HPARC Apparel	7
K1MAN De-manned	10
MAP	5
Minutes	3
Nets	2
Officers/Volunteers	1
President's QRM	1
SNOW	9
SWAP Volunteers	9
Vanity Calls	7
W1AW Schedule	8

GENERAL MEETING

Each December HPARC members and family gather for our annual Holiday party to share friendship and good times we've had throughout the year. This year our party will take place on **Wednesday December 8 at 7:30 pm. Dinner is free with a donation of an unwrapped toy for the Hazel Park School children. (see Murray's QRM)**

Anyone wishing to join the club this night are 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

This is an exciting month. The ham magazines are full of nice goodies to put on your Christmas list. The summer noise is gone from lower frequency bands and several Dxpeditions have been taking place.

The December meeting is our holiday party and there will be pizza and salad at the meeting. If someone wants to bring something that would be fine as long as there is enough for everyone.

The Hoover School contacted me and asked us to donate toys for deserving children in Hazel Park this year that won't have a Christmas without us. There are a lot of families in the city that are in bad shape. So bring an unwrapped toy to the December meeting for a boy or girl, ages birth to 12. If you must bring a check, make it out to the Hazel Park School District.

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!

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 Bill K8DRV our second vice president 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 did a clean sweep you have bragging rights! Did anyone get a clean sweep on SSB or CW?

Our annual Swap is January 16th. 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 this year; please give him lots of help. Marsha N8FE is again going to schedule ticket

(Continued on page 2)

OFFICERS

- **President:** Murray Scott
KE8UM@arrl.net
- **1st VP:** Jim Poehlman
K8ABZ@arrl.net
248-310-0086
- **2nd VP:** Bill K8DRV
kc8drv@gmail.com
- **Treasurer:** John Fleming
K8UP 248-542-9573
john@fleming-photo.com
- **Director:** Rich KC8WPW
586-264-5035
shadowru@comcast.net
- **Secretary:** Bill Ketel
N8QVS 248-544-2452
wkotel2@wowway.com
- **Parliamentarian:**
Ed N8LBS
waltone@sbcbglobal.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:** Jerry Begel
w9npi@comcast.net
- **LoTW Manager:**
Murray Scott KE8UM
ke8um@arrl.net
- **Newsletter/PIO:** Marsha
N8FE n8fe@arrl.net
248-542-9573
- **VUCC/WAS Awards Card Checker:** Sean K8KHZ
k8khz@yahoo.com
- **50/50 & Donuts:**
Rey Bora W8REY
- **Meeting Coffee:** Ralph
Augustyniak KC8ZKA
- **Sunday Net:** Bill Ketel
N8QVS 248-544-2452
wkotel2@wowway.com
- **Banquet:** Rey Bora W8REY
rey62@aol.com
- **Field Day Chair:**
John Teagardin, AA8UU
aa8uu@arrl.net
- **HPARC Official Cook:**
Bill N8QVS
- **Swap:** Swap Chair
Walt Carter KD8LWC
pidge4645@aol.com
- **Webmaster:** Marsha N8FE
- **MS Walk Chair:**
Phil AA8KR 586-838-4139
- **Walk for Babies Chair:**
Jim K8ABZ k8abz@arrl.net
- **Holiday Party Chair:**

QRM CONT.

(Continued from page 1)

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 13th in our 5A field day category. See page 75 in the December QST. Everyone who attended this year's field day had a lot of fun and called it a success. Hats off to our field day chairman John, AA8UU. We look forward to the 2011 field day.

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

Be radioactive.

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

Murray, KE8UM

PROPAGATION
EBOOK

Technical Web Site of the Week - RSGB's Propagation Studies Committee has released [Understanding LF and HF Propagation](#), a free eBook written by GØKYA and G3NYK and available for download. The book is a compilation of Technical Feature articles written by the authors for the RSGB's [Radcom](#) magazine. (Thanks, Mark K6UFO)
[source: ARRL contest update]

Welcome New Members

KG8PM Douglas Smith
WC9F Tom Krausnick
KD80EU Eric Kaplan
KD8NYB Charles Lorenz
KD8MRM Alan Kunst
N8COQ Ken Barns
W8ACB Elwood Scott

HPARC NETS

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.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.

HPARC JACKETS

SIZE	FLANNEL	QUILTED
S-XL	45.00	51.00
XXL	47.00	53.00
3XL	49.00	55.00

\$10 Off First Jacket

*payment due with order.

T-SHIRTS \$10

Send check payable to HPARC to:

P.O. Box 368, Hazel Park, MI 48030

TOWER PERMITTED NEIGHBORS BULK

We think we have it bad when we want to put up towers. How would you feel if you actually got your permits and started construction and then found out you still have to fight for your right to erect the towers.

That is exactly what happened to Craig Thompson in Peoria County. He got permits from the county to erect 11 (yes that is ELEVEN) towers ranging from 50' to just under 200'. He begun construction and has had nothing but complaints and threats of lawsuits from his neighbors.

But some of his neighbors believe that he is breaking the law that requires him to maintain the beauty of the surrounding land. According to the interview they checked with the state attorney before issuing his permit and determined that the FCC did allow him to have the towers.

You can see the News 25 on their website

<http://www.centralillinoisnewscenter.com/news/local/tower-106923434.html>

NEW HAM SONG

Gentle hams of the MRRC,

I wrote a song about my longing for a big tower and recorded it during last weekend's SS SSB, and you can see the video at <http://www.youtube.com/watch?v=uNWZjrzgWA>.

Jim K8MR already saw it and sent me a nice note, so maybe others of you have, but I didn't want to miss anyone (besides I live for those YouTube hits!) I hope you enjoy it, and hope you're having a great contest season.

Best rx & 73 de kt8k - Tim

CAVE TEXTING

Alexander Kendrick, 16, from Los Alamos, N.M., won a new computer, a trip to Switzerland and \$12,000 at the 2009 International Science Fair for inventing a Low Frequency (LF) system to transmit text messages into underground caves. Alexander said the device can be used for rescuing people in caves. Scientists said that it can be used to find microorganisms used to create antibiotics to fight super bugs. Read the NPR story - Texting Underground Can Save Lives And Caves

<http://www.npr.org/templates/story/story.php?storyId=123116417>

CQ DX...

MACQUARIE ISLAND, VKO. Kevin, VK4KEV is QRV as VKOKEV for about eighteen months while on work assignment. Activity is on 40 and 20 meters using SSB and digital modes in his spare time. QSL to the new QSL manager JE1LET.

ANTARCTICA. Lars, SM4TUV is QRV as 3Y8XSA from the Norwegian Polar Research Station Troll in Queen Maud Land until December 2011. QSL to home call.

BONAIRE, PJ4. Hennie, PE1MAE is QRV as PJ4/home call for four months. Activity is on the HF bands. QSL via PA2NJC.

WEST MALAYSIA, 9M2. Rich, PA0RRS is QRV as 9M2MRS from Penang Island, IOTA AS-015, until April 2011. He is active using mostly CW. QSL to home call.

Spratly Island

The 37 operators from 15 countries are ready to arrive and take part in three teams to put DXODX on air from 6 January to 1 February 2011, including the CQ World Wide 160m CW Contest. The special DX entity The Spratlys Islands (IOTA AS-051) will have a big presence on all bands.

Chris VK3FY & DU8/VK3FY said, 'There is a real excitement within the amateur radio community about this particular DXpedition, and most of the operators just can't wait to be part of action.'

'It is much more than activating a rare DX spot. There is no doctor or health service on the island. As part of a humanitarian contribution, two DXpedition members who are doctors, Josette Docherty VK2FXGR and Edward Soriano 4F1OZ, will provide medical checks to the island's residents.'

For more information about the DXpedition please check out the www.dx0dx.net website which has just been extensively updated.

PJ Entities

Remember that the old PJ's are considered "deleted" and you will need to contact the new entities. Get those QSL cards mailed out so you can send them in after January, 2011. **We will have a DXCC card checker at the Swap.**

CONTEST CORNER

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

December

December 2010

- 3-5 ARRL 160-Meter Contest
- 4 TARA RTTY Melee
- 4-5 EPC Ukraine DX Contest
- 4-5 & 11-12 AWA Bruce Kelley Memorial CW Contest
- QRP Fox Hunt Dec 8, 10, 15, 17, 22, 24, 29 and 31
- 11-16 NA High Speed Meteor Scatter Winter Rally
- 11-12 MDXA PSK DeathMatch
- 11-12 ARRL 10-Meter Contest
- 11-12 International Naval Contest
- 12 CQC Great Colorado Snowshoe Run
- 17 Russian 160-Meter Contest
- 17 AGB-Party Contest
- 18 OK DX RTTY Contest
- 18 RAC Winter Contest
- 18-Jan 2 Lighthouse Christmas Lights QSO Party
- 18-Jan 2 Croatian CW Contest
- 18-19 Stew Perry Topband Challenge
- 19 ARRL Rookie Roundup, CW
- 26 RAEM Contest
- 26 DARC Christmas Contest

Contesting Webinars

Potomac Valley Radio Club sponsors Webinars on contesting and has made them available afterward. Some of them are on propagation and how to use it to help you get a better score and more Q's. Recorded webinars are available at <http://www.pvrc.org/webinar/webinars.htm>.

Grey Line Map

While at their site I followed a link to the Grey line map at <http://dx.gsl.net/propagation/greyline.html>. The "grey line" is a band around the Earth that separates daylight from darkness. Propagation along the grey line is very efficient. One major reason for this is that the D layer, which absorbs HF signals, disappears rapidly on the sunset side of the grey line, and it has not yet built upon the sunrise side. Ham radio operators and shortwave listeners can optimize long distance communications to various areas of the world by monitoring this band as it moves around the globe.

M I N U T E S



Wednesday

November 10 , 2010

Meeting Called to order at 7:30 PM by the President, Murray Scott, KE8UM.

This meeting was very well attended, with signed in a total of 53, which included two visi-

tors, N8TOQ, and another whose call I did not get, aside from our speaker, WA8EFK.

The presentation:

Dale, WA8EFK, presented a description of the services provided by amateur radio operators immediately following the tornado that passed through the town of Dundee, Michigan, this past June. The presentation included an extensive collection of pictures showing the damage done by the storm, along with a verbal description of what we were seeing.

Break time, coffee, donuts, and bagels.

There was a small problem in that the table was covered with give-away items that had to be temporarily removed so that refreshments could be served.

Old business:

The October general meeting minutes were approved as published, with no changes.

The treasurers report was approved as read, no changes, and filed for our records.

It was announced that both license classes (the tech with 11 students and general with 7 students) will finish up with VE tests on December 7 and 14. The December 14 testing will be done at the Southfield E.O.C. These will be open testing sessions. Contact John, K8UP for additional information.

New business:

There was a brief report on the "Kids Station" project, along with a request for continued support.

Murray reminded us that the SSB phone half of the November sweepstakes would be next weekend, and that the club would buy pins for all those who made at least 100 contacts, and buy a cup for those who had a "clean

sweep". All are encouraged to participate, Tech class licensees can do it on ten meters.

WE are reminded about the club's swap on January 16, 2011, and reminded to sign up to help out. All members should assist because this is our club's only fundraiser. As part of the swap reminder, Marsha, N8FE, asked for members to sign up to help at the doors selling tickets.

Jim announced that we still need a club member to take over the selling and ordering of club jackets and t-shirts. The person must be a club member, and not a club board member. The job would require two or three hours of work some months, so it is not a huge job.

The December meeting will be our (Winter) party, which will probably be handled by the board, unless somebody else steps up to do the job.

We have seven new members,

KG8PM Douglas Smith

WC9F Tom Krausnick

KD8OEU Eric Kaplan

KD8NYB Charles Lorenz

KD8MRM Alan Kunst

N8COQ Ken Barns

W8ACB Elwood Scott

Welcome them to the club.

John K8UP, announced that siren testing has been completed for this year, and that our club members did a great job. He thanks them for their efforts.

There was a drawing for regular prizes, no radio this time.

Meeting adjourned at 9:03 PM.

William Ketel, Secretary.

Have you been an amateur radio operator for at least 25 years?



Then join the Quarter Century Wireless Association SE Michigan **Chapter 215**. Contact John K8UP, Secretary at john@fleming-photo.com

CW OPERATING PROCEDURES

CW OPERATING PROCEDURES – From AC6V's Book
[DX101X](#)

In addition to the quickie DXpedition and contest CW contacts, you can work a lot of DX in a one-on-one QSO. A lot of common DX is available on CW, with very little competition. For example, the mob will pileup on a European station on phone, but on CW on many occasions you can hear that same country calling CQ with no takers. An excellent CW Tutorial can be found by Jack Wagoner WB8FSV at URL: <http://www.netwalk.com/~fsv/CWguide.htm>
Let's take it step by step.

Have a list of CW Abbreviations, Prefixes, and Q-Signals handy. Some DX stations cannot converse in English but you both can get the essentials across with Q-Signals.

Know how to "zero beat" a CW signal. Many stations have very narrow filters and you want to be in their band-pass. Refer to the operating manual for your radio.

Know how to use your RIT, XIT, Dual VFO's, and CW filters. See Chapter 2.

Listen for a DX station calling CQ or wait until they have finished with a QSO.

Good operators will send KN as a turn over, which is "go ahead, over, others keep out." Sending just K opens it for others to break in and this is OK if that is desired. SK is the signoff that should be used or CL ("clear") if closing your station.

Give a call in 1 X 2 call format – DX11DX DE WZ9UUU WA9UUU AR (The AR is a prosign sent as one character, i.e. didahdidahdit and means that I am through with this transmission). The DX station knows their call, so send it once. Sending your call twice allows the other station to hear it, then confirm it.

If you make the connection, the usual follow up is his or her signal report, repeated twice if the contact is shaky and weak, then your name and QTH. Don't send more than that on the first round. Turn it back to the DX with a K or KN. This will allow the two of you to evaluate if a QSO is sustainable or desirable.

On the next over, ask about QSL information if you want it, before the band slips out.

If no DX is calling CQ, but the band seems open, find a clear frequency and listen for a bit, if clear, then send QRL? QRL asks is the frequency busy? If someone responds with

C, or QRL, no need to respond and clutter up the frequency. If no response to your QRL, repeat a couple of times and then call CQ. Sending just QRL without your callsign is against the rules, but most do it anyway.

Calling CQ is typically in a 3 X 2 format CQ CQ CQ DE WZ7UUU WZ7UUU K. Long long CQ's are likely to be ignored. Don't use AR instead of K as it means ending the transmission, and not an invitation for an answer. KN is a turn over to the station you are already working in a QSO

Listen for a few seconds using RIT to check for off frequency responses. If you have a narrow CW filter in line, use RIT and tune up and down from your transmit frequency to determine if someone is responding.

Repeat your CQ or QSY to a clear frequency, as you may be on a Big Gun frequency that can't hear you.

After the initial contact, it is typically DX11DX DE WX6DDD GM (GA, GE) OM TNX FER CALL UR RST ### (339, 599, 549, etc.) NAME HR IS ROD ROD. QTH IS SAN DIEGO, CA. SAN DIEGO, CA. HW? AR DX11DX DE WX6DDD K (OR) KN. See your list of abbreviations if you are not familiar with these.

DX11DX returns with essentially the same info, you may get "R" indicating that DX11DX copied all, or QSL on all is sometimes sent.

The next round is an invitation to rag chew. If DX11DX is too fast for you, send a QRS (send slower please). Longer QSO's usually include your station configuration, the weather (WX), jobs, ages, etc. You may receive an invitation to operate QSK (break-in) where the QSO is much more conversational. Practice with a friend first as this takes some getting used to and proper equipment settings.

It is not necessary to do a (DX11DX DE WD6YYY) every time except every 10 minutes of course. When you turn it over – you can use BK or just KN or K.

A signoff looks like this:

DX11DX DE WF6TTT, FB VLAD TNX NICE QSO HPE CUL VY 73 GM SK DX11DX DE WF6TTT Use SK or CL (Closing Station) on your final transmission not AR or K (N)

Then there are some cuties signoffs dit dit, and a response of dit. Old Military types use dit dita dit dit (Shave and a Haircut) with the response of dit dit (2 Bits)!

For contests, a common CQ is "test AC6V test".

(Continued on page 7)

K1MAN DE-MANNED



Two US Attorneys have filed a Complaint (see below) in US District Court against Glenn Baxter, K1MAN, for not responding appropriately to an order that he pay a \$21,000 fine for violating several sections of Part 97. The

Complaint was filed October 25 in the US District Court for Maine.

The civil action was brought under Section 503(b) of the Communications Act of 1934, as amended, and Section 1.80 of the FCC Rules and Regulations.

The fine had been levied, according to the Complaint, "for defendant's willful and repeated violations of Sections 97.101(d) [commencing transmissions on top of existing communications on 3.890 MHz] and 97.113(a)(3) [transmitting communications in which the station licensee or control operator has a pecuniary interest] of the Commission's Rules, and for the defendant's willful violation of Section 97.105(a) [exercising control over station] and 97.113(b) [broadcasting] of the Rules, and for failure to file requested information pursuant to an Enforcement Bureau directive." [information in brackets added]

The Complaint seeks to force payment of the \$21,000 fine along with a filing fee and "such other and further relief as the Court deems just and proper."

Additional FCC actions are anticipated.

[US Attorneys Complaint Against Glenn Baxter K1MAN_1 02510.pdf](#) (217.2 kB)

Source: [ARRL](#)

CW CONT.

(Continued from page 6)

Tail-ending. Wait until another QSO is complete, and then call the station you want to contact.

Breaking into a QSO is not commonly done on CW and should be approached with caution. If it obvious that two old friends are in conversation, it is not advisable. If the exchanges include KN – it's a signal that others are not welcome, best wait until the QSO is over and then tail-end. The standard break-in method on CW is to wait between transmissions and then send "BK" for break, or "BK de WT8III".

NEW VANITY RULES

Here are the highlights of the new Vanity Call Sign Report and Order (read the [complete R&O here](#)):

Availability of Call Signs Assigned to Stations of Deceased Licensees

The FCC has codified that a signed request for license cancellation accompanied by a copy of a death certificate, an obituary or data from the Social Security Death Index [SSDI] that shows the date of death is necessary to cancel the license of a deceased amateur.

The FCC clarified the rules to provide that the two year waiting period starts on the licensee's date of death.* A call sign that is canceled due to the death of a licensee more than two years earlier, or within 30 days before the second anniversary of the licensee's death, will remain unavailable to the vanity call sign system for 30 days following the date the staff takes action to cancel the license.

Exceptions to the Two Year Waiting Period

Former Holders of the Call Sign: A former holder of the call sign is exempt from the general rule that a call sign shown on an expired, surrendered, revoked, set aside, canceled or voided license is unavailable to the vanity call sign system for two years.

"Close Relatives" of the Licensee: The term "in-law" includes "only a parent, step-parent, sibling, or step-sibling of a licensee's spouse; and the spouse of a licensee's sibling, step-sibling, child, or stepchild; or the spouse of a licensee's spouse's sibling or step-sibling." The other "close relatives" are the deceased former holder's spouse, children, grandchildren, stepchildren, parents, grandparents, stepparents, brothers, sisters, stepbrothers, stepsisters, aunts, uncles, nieces and nephews.

"In Memoriam" Call Signs: One exception to the two year waiting period applies to licenses for club stations who request the call sign of a deceased licensee when the club station trustee has the written consent of a close relative of the deceased. The FCC codified that the decedent's club membership need not be current at the time of his or her death, as long as the decedent was a bona fide member of the club at some time during his or her life.

Other Club Station Licensing Issues

Club Trustee Issues: Applications requesting a change in trustee are required to include documentation signed by

(Continued on page 8)

W1AW 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.

VANITY CALL CONT.

an officer of the club when the application is submitted to the Club Station Call Sign Administrator (CSCSA), in order to "prevent a departing trustee from making off with the club license and call sign or refusing to agree to a change in trustee" and "address instances in which a trustee becomes incapacitated."

Class of Trustee: Novice class licensees may now serve as club station trustees, "for frequency and operating privileges are determined solely by the class of operator license held by the control operator, rather than the license held by the club station trustee." (However, cumbersome identification procedures are required when a control operator is using privileges that exceed those of the station licensee.)

Limits on Club Station Licenses: Club stations may hold only one vanity call sign, but may hold an unlimited number of sequential call signs. Club stations currently holding more than one vanity call sign may renew or modify their existing station license grants, but not obtain any additional vanity call signs. The prohibition on obtaining additional vanity call signs includes in memoriam call signs formerly assigned to deceased members of the club.

Who May Serve as Trustee: An individual may be the trustee for only one club station license grant. Individuals who currently serve as trustee for more than one club may continue to serve as trustee of those clubs, but may not be designated the trustee of any additional clubs.

[arrl.org]

SNOW FALL

Time to dig out the snow boots and tune up the snow-blower. It seems that our good friend Morrie Davidson – K8SJD, reports news from National Weather Service:

National Weather Service is predicting that El Nino will affect our weather this winter. Above average temperatures are expected for the next 3-4 weeks. Then there will be above average snow from February through April 2011



ARPSC MEMBERSHIP

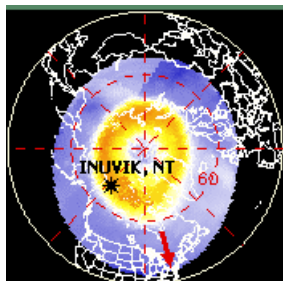
A newer version of the membership application and renewal will be coming out possibly this month. This should make the form easier to use.

Those people who haven't returned a renewal form are now considered inactive members.

The existing form is still available on the website at www.arpssc.com.

Jim Poehlman K8ABZ
ARPSC Membership

WORK THE AURORA



I have been trying to get VE8EV from a VE8 island for two years. Then I began reading his blog in hopes that he would post plans to work on an island.

I am still waiting for news but he did write a great post about operating the CQ WW contest during some good aurora

propagation. Check out the post at

<http://ve8ev.blogspot.com/2010/11/cq-world-wide-lets-make-lemonade.html>

73, Marsha N8FE

AROUND TOWN

12/05/2010

L'Anse Creuse Amateur Radio Club

Location: L'Anse Creuse High School

384955 L'Anse Creuse Street

Harrison Township, MI

<http://www.N8LC.org>

Talk-In: 147.08 receive (147.68 transmit) (PL 100)

Contact: Gregg Crump , N8GEO

Phone: 586-344-7013

Email: n8geo@arrl.net

1/16/2011

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 KD8LWC

Phone:

Email: pidge4645@aol.com

SWAP VOLUNTEERS

Vendors are making reservations. Flyers are being posted. Some members have volunteered for door duty. We still need people to sign up for set up and wrap up. We need names not just "I'll be there".

I'm going to send out an email very soon. Please reply to the email to my personal address. Let me know what you can do for the swap. Don't worry if you have already volunteered. Just do it anyway. That way I'll have a reminder.

If you suddenly become available the day of the SWAP, come on down and help out.

Thank you,

Marsha N8FE

SWAP Volunteer organizer

Mark Your Calendar

Monthly Meetings are the
Second Wednesday

2010 DATES

January 12

February 9

March 9

April 13

May 11

June 8 (Banquet)

August 10 (Picnic)

TIME

Socializing @7:00 P.M.

Meeting @7:30 P.M.

PLACE

Hoover Elementary
23720 Hoover Ave.
Hazel Park 48030

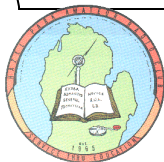
NEXT MEETING



Watch for construction on I-696

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?