

The Zero Beat

THIS MEETING

**November, 2014
7:30 P.M.
Hoover Elementary School
23720 Hoover Ave.
Hazel Park, MI 48030**

CONTENTS

Amsat Symposium	5
Around Town	4
Contests/Hamfests	610
Legislative Update	2
Meeting Minutes	11
Net Checkins	10
Nets	4
New Members	11
Officers/Volunteers	2
Pacificon	7
QRM	1
Radio Bargains	11
Repeater Update	9
Silent Keys	3
60 Meters	9
W1AW Portable	4
W9DXCC Convention	8

GENERAL MEETING

The next meeting of the Hazel Park Amateur Radio Club will be held on Wednesday, November 12, at 7:30 PM. The meeting location is Hoover Elementary School, 23720 Hoover Ave, Hazel Park. This month Reuven Gevaryahu KB3EHW will give a presentation on digital audio basics. He will include a summary of voice coding and its history. He promises a discussion of modes, including modulation, and the guts of the D-STAR voice codec.

Also, the club will raffle off a nice 2-meter rig at the meeting.

Come early and visit with fellow hams. Everyone is welcome to come to the meeting and bring a friend along. Coffee and donuts will be provided during the break.

Anyone wishing to join the club, please go to the website www.hparc.org. Fill out the membership form and bring a printed copy to the meeting. Membership forms can also be filled out onsite before the meeting.

PRESIDENT'S QRM

This is time for individual celebration for two of our members who became silent keys. Gerald Schumann KA8D has been a member since February 2008 and Bernard Hildebrand W8NBC has been a member since March 2010 and a sitting club President. Let's keep these people in our thoughts.

The bylaws say that the 'First Vice President shall perform the president's duties until the board directs otherwise.' It is some time before the club meeting so I had better get my act together to get caught up on the information a president must know.

Preparations for the January swap are in full swing. Barbra, KD8SAA has graciously accepted to be the swap chairman. She has been involved helping her husband assemble swap

components. Putting together a swap is not hard, but it is time consuming and Barbra could use help. The swap is the club's only fund raising event. I expect full support as needed from club members! Not only club members but spouses to assist Barbra are a good source for help.

The weather is cooling off; I hope you completed all your antenna projects. Of course there are some who prefer inclement weather for antenna projects.

October and November are good contesting months. Get out there and make the contacts you need for your personal goals and prizes.

If anyone has any information to bring to the membership, e-mail me so I can provide time in the agenda.

(Continued on page 2)

OFFICERS

- **President:** Bernie Hildebrand W8NBC, SK
- **1st VP:** Jim Poehlman K8ABZ 248-310-0086 k8abz1@gmail.com
- **2nd VP:** John Teagardin AA8UU aa8uu@arrl.net
- **Secretary:** Bill Ketel N8QVS 248-544-2452 wkettel2@wowway.com
- **Treasurer:** Bob Lauer N8REL 248-652-4211 rlau6@aol.com
- **Director:** Barbra Hildebrand KD8SAA barbrahildebrand@yahoo.com
- **Parliamentarian:** Ed Walton N8LBS 248-649-5851 waltoned@sbcglobal.net

VOLUNTEERS

- **Technical Coordinator & W8HP Trustee :** Tony Gallucci N8VR 248-417-9740 n8vr@arrl.net
- **W8JXU Trustee:** Bill Ketel N8QVS
- **Education/VE Testing:** Jerry Begel W9NPI w9npi@comcast.net
- **Contest Mentors:** Mike WD8S wd8s@arrl.net Gerry K8GT k8gt@arrl.net
- **Public Information Officer:** Jerry Begel W9NPI w9npi@comcast.net
- **LoTW Manager:** Murray Scott KE8UM ke8um@arrl.net
- **Newsletter:** Wes Plouff AC8JF ac8jf@arrl.net
- **VUCC/WAS Awards Card Checker:** Sean Fleming K8KHZ k8khz@yahoo.com
- **Siren Tests:** Marsha Fleming N8FE 248-542-9573 Assist Ed Walton N8LBS
- **Meeting Coffee:** (open)
- **Donuts:** Rey Bora W8REY
- **Sunday Net:** Bill Ketel N8QVS 248-544-2452 wkettel2@wowway.com
- **Banquet:** Rey Bora W8REY rey62@aol.com
- **Field Day Chair:** John Teagardin, AA8UU aa8uu@arrl.net
- **HPARC Official Cook:** Bill Ketel N8QVS
- **Swap:** Swap Chair Barbra Hildebrand KD8SAA barbrahildebrand@yahoo.com
- **Holiday Party:** The Board
- **Webmaster:** Larry Koziel K8MU k8mu@amsat.org
- **Oak Apple Run Royal Oak:** Mike WD8S
- **MS Walk Chair:** Phil AA8KR 586-838-4139
- **Walk for Babies Chair:** Jim K8ABZ k8abz1@gmail.com

MI PRB-1 NEWS

Good news! On October 22, 2014 and the Michigan Senate passed SB 493, the "Michigan PRB-1" bill unanimously.

Now the bill is heading to the House of Representatives for their consideration. It is hoped that the bill will be taken up during the "lame duck" session between now and when the new Legislature convenes in January. While road funding will be the big issue, SB 493 is not at all controversial. It simply instructs local governments to heed the FCC PRB-1 policy in their antenna zoning ordinances.

According to the ARRL committee working for the bill's passage, it is not clear which committee will take it up for hearings. So, the Michigan ARRL is asking the following:

Please go to our PRB-1 website at

<http://www.miarrlprb1.org/>.

Click on the 'Sample Letters' tab and click on 'House of Representatives' and enter your information to locate your representative's website. Back on the Sample Letters tab, scroll down to Sample House Letter. Copy the letter and paste it into your Representative's email form.

Be sure to add the Representative's information as well as your information at the end of the letter to personalize the document. Sometimes it is easier to copy the letter from our website and paste it into a word processor to get it prepared and then paste into the Representative's email form.

Once again, please send a copy of what you send to wb8r@arrl.org and wa8qje@arrl.net.

Q R M , C O N T ' D

(Continued from page 1)

The November meeting is the 12th and if you purchased a raffle ticket, you have a chance to win a Kenwood TM-281-A, 65 watt, 2 meter radio.

See you at the meeting. Oh by the way, bring a friend and let's have some fun!!

Jim Poehlman, K8ABZ
1st Vice President

BERNARD HILDEBRAND W8NBC, SK



By Walt Carter KD8LWC

Bernard A. Hildebrand W8NBC, President of the Hazel Park Amateur Radio Club (HPARC) passed away on October 29, 2014. Bernie's leadership initiatives included a free one year membership in HPARC for any candidate that passed the Federal Communications Commission Amateur Radio license exam administered by HPARC.

As a very active member of HPARC, Bernie made several positive contributions to our club including being the chairman of two highly successful Hamfests, head cook at Field Day and improvements in the day to day operations of the club. Bernie's willingness to share his vast knowledge of Ham radio helped him spread a positive image of Ham Radio in general and HPARC specifically.

Another example of Bernie's contributions was his loaning of the back-up radio and other equipment as well as his personal time to the highly acclaimed ham radio contact with the International Space Station at a Warren, Michigan school where several students were able to ask questions of an ISS astronaut. Bernie was also an active member of the Utica Shelby Emergency Communications Association (USECA) amateur radio club and especially liked participating in the Lark in the Park portable operations sponsored by that club.

GERALD SCHUMANN KA8D, SK



Gerald R. Schumann, KA8D, passed away on October 27, 2014, at age 71. He was a retired satellite engineer at Ford Motor Company. He was a resident of Dearborn Heights who formerly lived in Troy. Gerry was a member of the Hazel Park, USECA and Garden City amateur radio clubs. He is survived by his wife Maryann, five children, eight grandchildren and numerous other relatives.

Photo courtesy Marsha Fleming N8FE

BARBRA AND BERNIE

By Michael McClain AB8ZE

The Saturday after Bernie passed, Barbra shared that when it was her time to go she wanted to have the urn with Bernie's ashes placed on her chest with her arms placed around it. That way they would both be buried together. I was inspired to write the following poem:

My dear one left before his time,
Leaving me and all behind.
I never thought that this would end,
A beautiful love and my best friend.
I have given this some careful thought,
I know what I'll do and what I ought.
When my time comes I'll have him near,
He'll be in my arms my wonderful dear.
As the lid is closed he'll be on my breast,
Eternal love, eternal rest.

H P A R C N E T S

HPARC Official Sunday Night 2-meter Phone Net

Every Sunday at 9:00 PM local time on the DART repeater, 146.64 (PL 100), catch up on club news and information, and just to keep in touch. All amateurs are welcome to check in.

N8WYO CW net (Medium speed)

Named in memory of Al N8WYO. The net meets Tuesday night at 8:00 PM on **28.028 MHz** All amateurs are welcome. CW speed fluctuates between 20-25 WPM, but Joe will slow it down if necessary. Listen in at 8 PM sharp!

Wolverine Net

The 75 Meter Wolverine Net meets on 3935 KHz daily at 7:00 PM local time, with pre-net starting at 6:00 PM. You can get details from <http://www.wssbn.com/>

Oakland County ARPSC

Every Thursday @ 8 pm on 146.90 (PL 100). Hospital Radio Net on the last Thursday of each month @7:30. (W8OAK-3 will run packet on 147.56 MHz for those wanting to practice and test their equipment)
<http://www.arpdc.com/>

NTS Traffic Nets

The Southeast Michigan National Traffic System (NTS) net Normally held every night at 10:15 PM local time on the 146.76 (PL 100) repeater. New people are welcome.

A R O U N D T O W N

HPARC Buddy Breakfast every Saturday @ 9:30 AM (or so)

Jimi's Restaurant, 714 South Washington Ave, Royal Oak (across from OCC). Come for the socializing — we're in the back room. Parking: lots of spaces in Jimi's parking lot, and street parking is free until 11 AM.

Oakland Co. ARPSC Siren Testing, 1st Saturday @ 1 PM

Resumes in March.

Macomb Community College Electronic Lab

4th Wednesday of each month from 7-10 PM.
12 Mile & Hayes Rd. (Bldg "S" - Room S135) Extensive collection of equipment to use/learn plus a ham radio station to use and a big 3 element HF Yagi antenna on the roof of the building. Hams are invited from all clubs.

Amateur Radio License Testing

HPARC and the City of Oak Park offer amateur radio license testing on the first Tuesday of even months at the Oak Park, Michigan Community Center (14300 Oak Park Blvd, Oak Park, MI 48237) beginning at 7:30 PM



W I A W P O R T A B L E S C H E D U L E

W1AW is celebrating the ARRL Centennial year by operating portable in all 50 states and many US territories. QSOs count 5 points toward Centennial QSO Party scores.

QSL by LOTW is encouraged. Paper QSLs are available two different ways. Members can opt to have cards sent to them via the QSL Bureau. Or, ARRL headquarters will reply to your QSL sent along with an SASE. See:

<http://www.arrl.org/centennial-qso-party#QSLs>

November

To 4 Massachusetts, Wyoming, US Virgin Islands (/KP2)
5-11 Kansas, Washington, American Samoa (/KH8, 2 wks)
12-18 Mississippi, Rhode Island, American Samoa (/KH8)
19-25 Arkansas, Florida
26-2 Delaware, Louisiana, Puerto Rico (/KP4)

December

3-9 Illinois, Maine
10-16 Indiana, Montana

AMSAT SYMPOSIUM

By Larry Koziel K8MU

Last month's AMSAT Space Symposium in Baltimore, held October 10-12, seemed a bit like a reunion for participants in the HPARC ARISS school contact project from last winter. In addition to me, three other hams were in attendance who had lent radios, cables, but especially their time and expertise: Steve Culp K8QKY of Ann Arbor, Michael Kirkhart KD8QBA of Warren, and Jennifer Rojowski N8GZL of Grosse Pointe Woods.

But another group of attendees made this seem more like a Southeast Michigan reunion. Jan King W3GEY (ex-K8VTR), one of AMSAT's founding members originally from Pontiac, was the keynote speaker at Saturday's banquet. Pat Kilroy N8PK of NASA's Goddard Space Flight Center was originally from St. Clair Shores. Dan Schultz N8FGV, a long-time member of the Hubble Telescope Flight Operations Teams was originally from the Utica area. And Keith Baker KB1SF/VA3KSF, former AMSAT president and its current treasurer, is a relatively recent transplant to the Sarnia/Port Huron area.

The meeting – the 32nd Space Symposium – was a celebration of the 45th anniversary of AMSAT's founding in 1969, and of the 40th anniversary of the launch of AMSAT-OSCAR 7, which is still fulfilling its original mission by providing linear transponder service to the worldwide amateur community. In fact, during Jan's banquet speech, he maintained that AO-7 can legitimately lay claim to being the oldest operating satellite of any kind!

In the formal presentation of papers, the locals were represented by Michael Kirkhart KD8QBA, who co-presented, together with Howie DeFelice AB2S, a paper entitled "\$50sat (MO-76), one of the first four PocketQubes – the Next Small Thing In Satellites." Michael, Howie and Stuart Robinson GW7HPW had built one of the world's first "PocketQube" class of satellites – a satellite measuring about 50mm x 50mm x 80mm or 2 x 2 x 3.2 inches – a little more than one-fourth the volume of a CubeSat. Their little satellite was launched from Russia along with more than 30 other satellites of various sizes, and to date is still operating. And the whole project was done without Michael and Howie ever meeting Stuart face-to-face!



The Oscar-1 backup satellite (1961, right) and NUSAT-1 engineering model (1985, left) at the Udvar-Hazy Center of the National Air and Space Museum



Hector Martinez CO6CBF/KF5YSV at the Symposium holding an engineering prototype of the Fox-1A cubesat. Note the size compared to the older satellites above.

Photos by Larry Koziel K8MU

AMSAT SYMPOSIUM, CONT'D

AMSAT meetings are often memorable for what takes place outside of the formal presentations: attendees nearly stranded in a mountain pass in a blizzard between Denver and the meeting location in Vail, Colorado; seeing a night launch from the VIP viewing area at the Kennedy Space Center during one of the Orlando meetings; at another Orlando meeting, meeting the Kennedy Space Center Director and ex-astronaut Bob Cabana KC5HBV in the Vehicle Assembly Building and getting to see the Shuttle Atlantis up close and personal just two weeks before it was moved to its final resting place at the KSC Visitor Complex; and visiting Mission Control at the Johnson Space Center at a meeting in Houston, just to name a few.

This year was no exception. First there was a special presentation by 94 year old Colonel Charles E. McGee, who earned his wings as a Tuskegee Airman in 1943. Col. McGee went on to serve in the United States Army Air Forces and then the United States Air Force for 30 years. Along the way Colonel McGee flew missions in World War II, the Korean War, and in Vietnam. He ended his military career with 409 fighter combat missions, 6,308 flying hours, and had received the Legion of Merit with oak leaf cluster, Distinguished Flying Cross with two oak leaf clusters, Bronze Star Medal, Air Medal with 25 oak leaf clusters, and the French Légion d'honneur. His was an inspiring story to hear.

On Monday morning, the group bused out to Washington's Dulles Airport to the Udvar-Hazy Center, the annex of the Smithsonian's National Air and Space Museum (NASM). With more than twice the exhibit space of the NASM on the National Mall, the facility is able to exhibit items too large for the building on the Mall. Among the highlights we saw were the Space Shuttle *Discovery*, the *Enola Gay*, a Lockheed SR-71 Blackbird, an Air France Concorde, and on and on.

Among the smaller artifacts on display in the James S. McDonnell Space Hangar is Project OSCAR's backup for OSCAR I, a fitting attraction for the group of zealots still pursuing the aspect of our hobby that Project OSCAR kicked off in 1961 with the world's first non-government satellite.

Tune in again next month for the Symposium's ultimate highlight: a look into the future of amateur radio satellites.



Artist's rendition of OSCAR-7, courtesy Amsat



Keynote speaker W3GEY, courtesy AMSAT



Space Shuttle *Discovery*

MY VISIT TO PACIFICON

By Les Shuman KF8UU

A few weeks ago I visited my son Brian KD8OQK in California. Part of the trip was to visit Pacificon, a big West Coast ham radio convention. Pacificon ran on the weekend of October 10 to 12. I spent two days there.

They do things different out there, so it was a little strange. Getting in to the exhibits was free, but they charged to attend the forums. A lot of dealers at Pacificon are ones who never come to Dayton for the Hamvention. There was a kit building area with instructors helping people build radio kits. The parking lot was a flea market with three or four thousand people looking for bargains. Some things I saw that aren't at the Dayton flea market are towers and also camouflage for antennas. I guess a lot more hams in California need to hide their antennas.

Instead of hot dogs like at Dayton, the hotel set up an outdoor buffet at noontime. Lunch was really good.

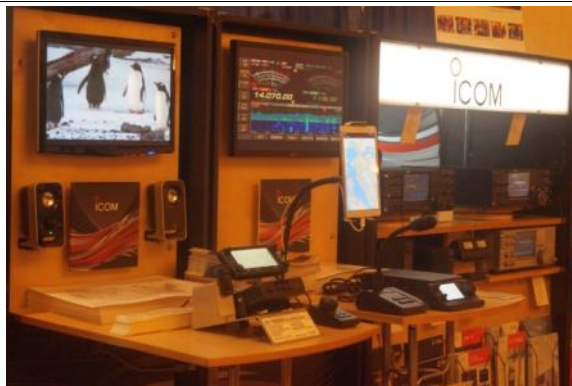
I got to meet in person some of the D-STAR people who I talk to. I brought my handheld rig and used it. One highlight was that I talked to Mark KJ4VO via D-STAR. He is the manager of one of the Ham Radio Outlet stores. He was in the hospital, and asked me to put him in contact with other HRO managers in their exhibit booth. So I went over and got them in touch on the radio!

The ARRL booth was nice. They recommended putting the new roofing filters into Icom radios. W100AW/6 was on the air from outside the hotel. I got a kick out of seeing the Spiderbeam they used.

I went to a forum with Gordon West and Bob Heil, WB6NOA and K9EID. At the end I got to meet both Gordo and Bob.

Later on in my trip I got to compare radios side by side at the HRO store in Sunnyvale.

I wished I could bring back a tower or the MFJ antenna tuner I wanted, but the baggage charge on the airplane would have killed me. About the only thing wrong with this convention is that it was too small!



Photos by Les Shuman KF8UU

W9DXCC CONVENTION

By Gerry Treas K8GT

I attended W9DXCC at the Hyatt Regency in Schaumburg, IL, traveling with Steve, K8QKY. It was two days, Friday, September 19th and Saturday the 20th, of DX seminars from 9AM to 5PM. I saw many old friends and met a few new ones.

Friday was **DX University** with seminars all day. They covered many aspects of DXing. Topics included software, propagation, station engineering, contesting to increase DXCC count, QSLing, towers, and a seminar on what it's like to work a pileup when you're the DX.

On Saturday we experienced **W9DXCC** with some top-notch presentations involving major DXpeditions:

FT5XM, Amsterdam Island DXpedition by Ralph KOIR. If you haven't seen a presentation on this DXpedition, don't miss your chance.

Topband DXpedition Operations - FT5ZM vs K9W Wake Island by Craig K9CT For all 160 meter aficionados. A comparison with animated graphics using Google Earth. Impressive and informative.

DXpeditions and 21st Century Dynamics by Bob K4UEE, who has been on 9 DXpeditions of the Year. Bob discussed financing and how to best accomplish the major DXpeditions. Some are now joining with scientific expeditions to the benefits of both.

DXpeditions for the Rest of Us by Jim WI9WI, a longtime old friend of mine, spoke of mini "suitcase" DXpeditions as well as operating major contests from J7 and PJ2T, where I first met him.

Cycle 24 Update, FT5ZM Skewed Paths, Maunder

Minimum and More by Carl K9LA with all the info on Solar Sunspot cycles and propagation that you need to know. Loaded with info and he bursts the myth bubbles.

The ARRL Lab: Trials, Tribulations, and Tall Tales by Ed W1RFI, the ARRL Lab Manager, with expertise in EMC, RF safety, equipment servicing, QRP, HF mobile, and many other facets of amateur technology, and revealed some of what transpires behind the scenes at the ARRL Lab.

From The Top of My Tower I Can See W9-Land by Glen W0GJ who has been on many major DXpeditions, including the Kingdom of Bhutan, A5, where he taught surgical procedures to Bhutanese doctors. In this presentation, Glen showed how he gained 3dB moving from Minnesota to northeastern Iowa, without ending up in a divorce.

Saturday evening we attended the W9DXCC Banquet with speaker Rick Roderick K5UR, who has held numerous ARRL Volunteer positions continuously for 45 years. He has been on the ARRL Board of Directors for 22 years and currently serves as First Vice President. Rick shared many humorous stories of his early days in ham radio that kept the audience in stitches throughout the evening. The food was excellent, too.

Steve and I had a great time, went to dinner Friday evening with George, W8UVZ and George K8GG, 2 of the 3 developers of the "Battle Creek Special," a trapped 160, 80 and 40 meter inverted L antenna that they loan out to DXpeditions. Craig, K1QX, former owner of the Radio Bookstore in New Hampshire also joined us. We had a very pleasant trip home on Sunday driving between thunderstorms, but hardly hit any rain at all.

MORE PACIFICON PHOTOS



REPEATER UPDATE—MORE ON ECHOLINK

By John Teagardin AA8UU

DART VHF VoIP Internet Interface

In order to initiate a node connection from your rig, press the transmit key while pressing the various DTMF keys. These buttons look just like the keys on your phone keypad.

Press * (star) then the 6 digit Echolink node number to connect to another node currently on and not busy. See <http://www.echolink.org> for currently logged in node numbers.

— OR —

Press the 4 digit IRLP number (No '*' required). See <http://www.irlp.net> for node information.

Either way, press 73 to hang up.

Conferencing is enabled for Echolink. 6 nodes may be connected at once. For IRLP use reflector nodes to achieve

the same thing.

You cannot connect to Echolink and IRLP at the same time.

After a connection is made from the internet to the DART repeater with Echolink, the repeater announces the caller's callsign followed by "is connected," using a machine voice. It's courteous to put out a call at this time with your real voice and callsign, e.g. "AA8UU connecting from Echolink."

If a connection is made from another IRLP node, the repeater announces the node number only. It is strongly recommended that you announce your presence with your callsign as you would if you were being there on your radio. This helps to make the transmission legal.

Editor's note: W8HP repeater users who wish to use IRLP should also read the Repeater Update piece in the October 2014 Zero Beat.

COMING: A "REAL" 60 METER BAND?

By Wes Plouff AC8JF

The 60 meter amateur band is unlike any other. American hams can operate only on five fixed channels, using limited RF power, and must defer to government users of the band. The ARRL discourages uses beyond emergency communications. Channel assignments are not standardized from country to country.

60 meters is attractive because it works well for medium range and NVIS communication when the MUF is low. It has proven reliable for emergency communications between Caribbean islands.

There is hope of expanding 60 meters into a "real" band, though. The 2012 World Radiocommunication Conference (WRC) recommended that the WRC 15 conference consider a secondary allocation at 5.3 MHz for Amateur Radio, not necessarily in one continuous range. Various proposals have been made for wider privileges in the 5250-5450 KHz spectrum, ranging from 50 KHz to the whole band.

Currently a handful of countries allow amateur operation outside fixed channels. Denmark, Greenland, Grenada and Trinidad hams can use all of 5250 to 5450. Norway,

Iceland, Slovakia and Croatia get 5260 to 5410 KHz. A few other countries have similar allocations.

Now the larger nations are beginning to be heard from. An alphabet soup of amateur radio groups and government departments are involved. RAC (Canada's equivalent to ARRL) has had its proposal accepted by Industry Canada (equivalent to the FCC). The Canadian proposal includes two 25 KHz segments, 5330-5355 and 5405-5430. More encouraging, at the urging of LABRE (society), the Brazilian CBC (government) advocates allocating 5275 to 5450 KHz. Participants at the regional CITEL conference in September appear to be backing the Brazilian proposal.

What is the ARRL or FCC doing? Well, not much so far. When the FCC created 60 meter privileges in 2003, NTIA, which manages government use of the spectrum, raised objections. So a compromise was found where hams could operate on "lightly used" frequencies. NTIA's recommendation for WRC 15 is to make no changes, but gives no reasons why. ARRL is objecting to this stance. However, ARRL has not made any separate proposal yet.

We can hope that adoption by WRC and countries near the USA might spur changes.

CONTESTS

November 2014

1-2 Ukrainian DX Contest
 1-2 Himalayan Contest
 1-3 NA Collegiate ARC Championship, CW
[1-3 ARRL Sweepstakes Contest, CW](#)
 8-9 WAE DX Contest, RTTY
 8-9 ARRL EME Contest
 8-9 10-10 Int. Fall Contest, Digital
 8-9 JIDX Phone Contest
 8-9 OK/OM DX Contest, CW
 8-9 Kentucky QSO Party
 15-16 SARL Field Day Contest
 15-16 Russian WW MultiMode Contest
 15-17 NA Collegiate ARC Championship, SSB
[15-17 ARRL Sweepstakes Contest, SSB](#)
 22-23 LZ DX Contest
[29-30 CQ Worldwide DX Contest, CW](#)

December 2014

[5-7 ARRL 160-Meter Contest](#)
 6 TARA RTTY Melee
 6-7 ARRL EME Contest
 6-7 TOPS Activity Contest
 7 Ten-Meter RTTY Contest

SWEEPSTAKES REMINDER

For the 2014, ARRL Sweepstakes, don't forget the 15-day deadlines to send in logs. CW logs are due by November 18. SSB logs are due by December 2. Like most contest organizations, ARRL prefers that you e-mail your log in Cabrillo format. Paper logs are still accepted, though.

While you're at it, don't forget to send your log to HPARC. The club will purchase awards for members who are participants: a pin for making at least 100 contacts in one weekend of the contest, and a coffee mug for a Clean Sweep of all sections. Sweepstakes awards are presented at the annual club banquet in June.

Send your log file to John Teagardin AA8UU via e-mail at aa8uu@arrl.net, or mail him a copy of your paper summary sheet. Deadline is early December.

HAMFESTS

11/15-16/2014 Ft. Wayne Hamfest 9-4, 9-12

Allen County War Memorial Coliseum, 4000 Parnell Ave
 (at IN-930) Ft. Wayne, IN

<http://www.fortwaynehamfest.com>

Talk-in: 146.88

Upcoming

12/07 L'anse Creuse Hamfest

01/11/2015 Hazel Park ARC Swap

CLUB APPAREL

HPARC jackets are once again available. These stylish and colorful garments let everyone know you are a proud member of the Hazel Park Amateur Radio Club. For details and pricing contact Barb Hildebrand KD8SAA at barbrahildebrand@yahoo.com.

Details will also be in a future issue of the *Zero Beat*.



SUNDAY NIGHT NET CHECK-INS

Due to the untimely death of Bernie W8NBC, the check-in list will not be printed this month.

MEETING MINUTES – OCTOBER 2014

Officers present: W8NBC, K8ABZ, AA8UU, N8QVS, N8LBS, KD8SAA, N8REL

Call to order at 7:25 (school clock time)

UPGRADES: one, Novice to tech

Visitors: Dionle Mcpherson

New members: KD8OTM, KD8MYC, KD8OEE, KD8UNJ, Bob Jones.

Before the presentation Jim, K8ABZ gave a lecture, with projections, on how to fill out the membership form on line. It did not seem to function exactly as desired.

The presentation, by Mike, WD8S, was on Sweepstakes contesting. Mike presented a whole lot of good information about many aspects of participating in sweepstakes, and a whole lot of useful advice on the subject. This was a very useful educational presentation from somebody who is clearly a master. The presentation was followed by a question and answer discussion.

Break time: 8:25 to 8:40 All of the donuts were consumed before some folks got any of them. I would name names if I knew who ate so many before others had a chance.

After the break a motion was made to approve the minutes as published. Motion approved.

Next Bob N8REL presented the treasurer's report.

Summary: we were in a deficit spending mode since the last meeting, but we are still quite solvent. It was approved.

John, AA8UU gave a DART report stating that the recent problem was due to the power feed for the whole system being switched off due to construction worker errors. AND the echo-link part has stopped functioning.

An announcement that the *Free Press* is looking for hams to provide communications for a soon to be event.

Announcement that our swap is confirmed for January 11, 2016. Bernie also pointed out that the swap needs a chairperson, since he has done it twice in a row now he can train somebody else to lead it. So we need a volunteer swap chair.

Announcements were made about a lot of other swaps and activities.

Wes AC8JF announced about the ARRL 100 year celebration activity.

Gerry K8GT mentioned the upcoming "Work the World" contest, along with a bunch of others. He also mentioned that he worked a rare Far-South-African on 10, 12, and 15.

The meeting was adjourned at 8:54, but a bunch of folks stuck around and talked for quite a while.

William Ketel N8QVS

RADIO BARGAINS

Right now looks to be a good time to buy amateur radio transceivers for low prices. Two bargains are out there for the taking.

The Baofeng UV-5R two-band HT is a basic Chinese HT covering the 2 meter and 70 cm FM bands. It's hardly the best radio on the market, but it gets the job done where a handheld radio is needed. For some reason, they are being sold for \$30 to \$40 on both Amazon and eBay. Just make sure that the deal includes the charger for this radio. If not included, buying the programming cable for about \$7 is highly recommended.

Since Kenwood has announced an upgrade to the TS-590 HF transceiver, the original TS-590S is being sold for 20% off by several dealers, with refurbished units going for even less. This is an excellent all-around HF rig with a receiver outperforming some high-end rigs.

WELCOME NEW MEMBERS

Robert Jones, KD8UNJ

Phillip Nichols N8AEY

Joseph Nichols KD8NYC

Michael Nichols KD8OEV

Kathleen Nichols KD8OTM

MARK YOUR CALENDAR

2014 MEETINGS

November 12
December 10

2015 MEETINGS

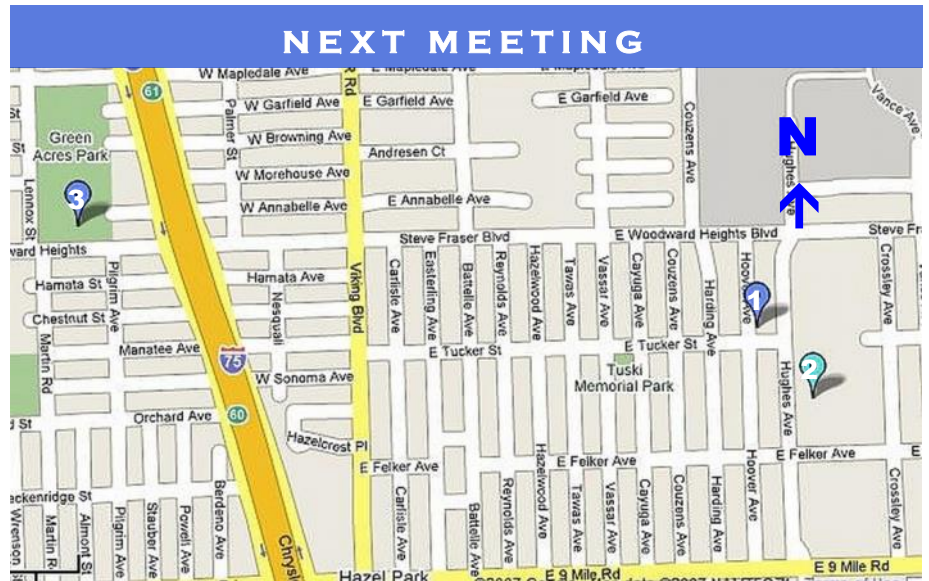
January 14
February 11

TIME

Socializing @ 7:00 PM
Meeting @ 7:30 PM

PLACE

Hoover Elementary School
23720 Hoover Ave.
Hazel Park 48030



1 Meeting 2 Swap 3 Picnic



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



Scan this QR code to visit the
HPARC web site

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