

# The Zero Beat

## THIS MEETING

**October 14, 2010**  
**7:30 P.M.**  
 (socializing begins at 7)  
**Hoover Elementary**  
**23720 Hoover Ave.**  
**Hazel Park 48030**

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## GENERAL MEETING

The meeting will be on **October 14** at Hoover Elementary in Hazel Park with a **meet 'n greet at 7 pm and meeting at 7:30 pm.** (see map on the last page).

Jerry Begel will give a presentation: The History of Telegraphy, Part II:

- ◆ The Wild Years
- ◆ The Three Deaths of Amateur Radio
- ◆ From Valves to Superhets
- ◆ What did you do in the War, Grampa?
- ◆ Time span: From the early 1900's to World War II

Come early—bring a friend—and see you at the meeting.

## PRESIDENT'S QRM

October - time to get out the rake and chase leaves around. So while you are outside its time to look at your antennas, feed lines and grounds to make sure they are in good condition to make it though the winter. Think about what you want to accomplish this winter. It might be a license upgrade, a new award or improvements to you station. How about trying a new mode? The club is also offering the Technician and General License classes right now.

You say you have your Extra class license and don't know how else to improve your knowledge. Buy some books or take a class. See if your employer will pay for classes. Instead of watching TV, take a class one night a week. Before you know it you will have a lot of classes done and have a new skill or degree.

How about a free Amateur Radio publication? Check out World Radio on line at:

<http://www.worldradiomagazine.com/> the publication is released every month on line.

The two-meter repeater voter was out of service for about a month this summer until a part could be obtained. The voter is repaired and back in service. We just found the south receive site had no power to the equipment. We repaired the electrical conduit and wiring feeding it.

We are still looking for volunteers for following: Holiday Party, Jackets & Tee Shirts, June Banquet Assistant, June Banquet Prizes, Nominating Committee, Swap Chair Assistant and Web Page. See me privately to volunteer. Come on this is your club and the members make it what it is, we need you! The President must to fill these openings.

Don't forget the Official HPARC nets. If you can't make the times you can always start up a net at a different time. The point is to be an active club and do things to-

(Continued on page 2)

## OFFICERS

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## VOLUNTEERS

- **Technical Coordinator & W8HP Trustee :**  
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- **Meeting Coffee:** Ralph  
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- **Holiday Party Chair:**

## QRM CONT.

(Continued from page 1)

gether. Of course nets are not the only things we can do as a club. How about: antenna parties, building projects, outings and tours. I'm sure you can name some more. We have two repeaters how about more usage? Become part of the solution and not part of the problem.

Its official, the swap will be January 16, 2011 at the Hazel Park High School. We have the permit.

I will see you at Saturday morning breakfast, the October meeting and on the Sunday night net. We also have groups meeting for Friday morning breakfast and Wednesday lunch.

Have fun with radio and your HPARC buddies and pals.

73, Murray, KE8UM

### Welcome New Members

Eddie Todd, KD8NYA  
Harold Shudnow, KD8NXZ

## HAMVENTION® THEME ANNOUNCED

When the [Dayton Hamvention®](http://www.daytonhamvention.com) opens May 20, 2011 for its 60th consecutive year, its theme -- *Global Friendship* -- will reflect an important part of ham radio, said 2011 Hamvention General Chairman Michael Kalter, W8CI: "The theme emphasizes how the technology continues to bond Amateur Radio operators from all over the world." The 2011 Dayton Hamvention runs May 20, 21 and 22 at Hara Arena, just outside Dayton in Trotwood, Ohio.

**H P A R C N E T S**

**Sunday Night 2-meter Phone Net**

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

**HPARC medium speed CW net**

Every Tuesday night at 8:00 PM on 28.128 MHz. Al, N8WYO, runs the net and will match your speed. This is a net for folks who have mastered the 5 wpm, and want to move up to faster speeds, or if you're a little rusty.

Al calls CQHP at 8 PM sharp!

**Wolverine Net**

The 75 Meter Wolverine Net meets on 3935 KHz (LSB phone) daily at 7:00 PM local time with pre-net starting at about 6:30 PM. The nets start a half hour earlier in winter.

You can get details from

Joe, K8JRE [joecuchetti@comcast.net](mailto:joecuchetti@comcast.net) or

Ed, W8EDE [ed@ellisgen.com](mailto:ed@ellisgen.com).

**Oakland County ARPSC**

Every Thursday @ 8 pm on 146.900 MHz/100pl. Hospital Radio Net on last Thursday of each month during the net. (W8OAK-3 will run packet on 147.56 MHz for those wanting to practice and test their equipment)

[www.qsl.net/w8oak](http://www.qsl.net/w8oak)

**NTS Traffic Nets**

the Southeast Michigan National Traffic System (NTS) net Normally held every night at 10:15 PM local time on 145.33 MHz. Repeater. New people are welcome.

**U P D A T E T R U S T E D Q S L**

A new version of the TrustedQSL software has been released. Download the latest version of [Trusted QSL 1.13](#) for Windows. [Trusted QSL 1.13 for Mac OSX](#). You must have this latest software to request or renew certificates.

This version fixes a bug in the tqsl.lib library that prevented installation of a new root certificate due to the long serial numbers now in use for those certificates.

It also includes some fixes made by Rick Murphy, K1MU, to the certificate handling as well as some refinements to the tqsl program station location dialog.

Binaries for Windows and OS X Snow Leopard are present. (I'm still working on getting a build to work for older versions of OS X.) Tarballs are also available, and maintainers of \*nix distributions are encouraged to update any TrustedQSL packages to the latest version of the software.

Jon Bloom, KE3Z, IT Manager

ARRL - The national organization for Amateur Radio  
860-594-0276

**F O R S A L E**

**TOWER FOR SALE**

I am helping a ham widow sell a complete ROHN 25 tower consisting of a base, three 10 foot sections, and a top section with a rotor plate. In addition there is a steel plate that adapted the base to the concrete base.

The concrete base is also available, but still in place, so somebody would need to dig it up. The base is for free. There are also a few antennas, 220 Mc Ringos and some unknown brand, used but in good shape.

The tower is from the estate of a ham, and I am asking \$100, which will go to his widow. This is a good price for a tower in good shape, that is, no bangs dents, or extra holes. The tower base is the free-standing one, not the fold-over one like I have.

I suggest getting it now and paint it so that it won't show, pour the base yet this fall, and then put it up in the spring. It will then blend in and not be accused of causing interference.

William Ketel N8QVS  
248-544-2452

**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



**C Q D X . . .****Netherlands Antilles will break-up****It's Official - Dutch Antilles sign declaration reforming their status**

"Radio Netherlands Worldwide" reports:

"Delegations from the Dutch Antilles signed a declaration today (September 9th) in 'The Hague' reforming the status of these five former Dutch island colonies in the Caribbean.

As of 10 October 2010, the Dutch Antilles will cease to exist as a country. Curacao and St. Maarten will become separate countries within the Kingdom of the Netherlands, while Bonaire, Saba and St. Eustatius will become special Dutch municipalities. Aruba already had a separate status.

The ceremony was attended by Prince Willem-Alexander and Deputy Kingdom Relations Minister Ank Bijleveld and caretaker Prime Minister Jan Peter Balkenende. The prime minister called the declaration 'a new chapter'. The intensive process which has taken five years is supposed to give the larger islands more autonomy."

(From the RNW Web page at:

<http://www.rnw.nl/english/bulletin/>

dutch-antilles-sign-declaration-reforming-their-status)

So What Does This Mean For DXer?

Just another step closer for new DXCC entities. Now that it is official that the Netherlands Antilles will be dissolving, "maybe" we will hear something from the DXCC desk before the date October 10th.

Remember, to be added to the "DXCC List" as a "Political Entity", it must meet one or more of the following criteria:

- A) The entity is a UN Member State.
- B) The entity has been assigned a ITU callsign prefix block.
- C) The entity must be listed on either the "U.S. Department of State" or the United Nation's list of "non self-governing territories."

As we have seen in the past, it is not a new one until the DXCC says so....[source: OPDX]

(ED—New entities will count from October 10, 2010 on.

Beginning on 10-10-10, DXpeditions will be operation on specific frequencies and bands. It is important that we pay attention to their band plan and use good operating practicing skills. They WILL be working split. Band plans can be found online. See related article on DX Code of Conduct on page 8. Have fun and GL.)

**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.

October

2-3 ARRL International EME Competition - All

2 The PSK31 Rumble - PSK

2-3 EPC Russia DX Contest - BPSK63

2-3 Oceania DX Contest - Phone

**2-3 California QSO Party**

7 10 meter NAC - CW/SSB/FM/Digital

7 SARL 80 m QSO Party - SSB

8-10 DX/NA YL Anniv. Contest - CW/Digital/SSB

9-10 CQ SA SSB Contest - SSB

9-10 OOceania DX Contest - CW

9-10 The 52nd Scandinavian Activity Contest - SSB

9-10 Worked All Britain HF Contest - All

**9-10 AZ & PA QSO Parties**

16-17 JARTS WW RTTY Contest - RTTY

16-17 Intern. Fall QSO Party - CW

16-17 QRP ARCI Fall QSO Party - CW

**16-18 IA IL & NY QSO Parties**

16-17 Worked All Germany Contest - CW/SSB

18 Run For The Bacon QRP Contest - CW

**18-22 ARRL School Club Roundup - All**

20 MOON Contest - CW/Digital/SSB

23-24 SYLRA Contest - CW/RTTY/SSB

23-24 Stew Perry Topband Dist. Ch. "Warm-up" - CW

**23-24 W/VE Islands QSO Party - All**

27 RSGB 80 m Club Sprint - SSB

30-31 ARRL International EME Competition - All

**30-31 CQ WW DX Contest - SSB**

30-31 10-10 Intern. Fall QSO Party - Digital

MARKET REEF, OJ0. Pertti, OH2PM and Ilmo, OH2BO plan to be QRV as OJOB from October 2 to 11, depending on the weather. Activity will be on 160 to 10 meters using mostly CW. This includes an entry in the Scandinavian Activity SSB contest. QSL via OH2BH.

ZIMBABWE, Z2. Bob, AC7GP is QRV as Z2/home call from Harare until November 1. Activity is generally during the weekdays on HF using SSB, RTTY and PSK31. This includes activity in the upcoming CQ WW SSB contest. QSL to home call.

## MINUTES

Call to order was at 7:30 PM By president KE8UM

Introductions of members and two visitors

Several people got upgrades

The Speaker did not show up. (Later found out he got the date mixed up)

### Reports

No minutes of last meeting (May, 2010)

No treasurer's report

Short speeches on what we did this summer. Ken's (AD8M) was the most exciting

General announcements on a spread of topics

Bill, K8DRV is getting married soon.

Murray presented a brief discussion of tower work safety.

### Club Apparel -

Announcements about T-shirts from Speedy T on Woodward, and some discussion

Brief discussion about jackets, and a request for somebody to handle ordering and getting them

### Classes -

Technician Class starting September 13

General Class starting September 14

The DART Repeater is back to working with a functional voter once more.

### Swaps -

Findlay Swap is Sept 12

Cleveland swap is Sept 26

At this time the speaker still had not arrived, so we had a much extended break for coffee and donuts and visiting.

This went on for a much longer than usual time.

**Drawing:** W8REY won the radio, (ft1900 R/E)

Shawn got the weather station

Brent got the manual

Gerry won the tape

Brent won the envelope

The meeting was adjourned at 9:12

W. Ketel Sec.

NOTE: the things that are missing, I did not hear because it was so noisy in the room. Perhaps the sergeant-at-arms should ask for quiet from time to time.

## YOUTH RADIO NET

### MICHIGAN RADIO AMATEUR YOUTH NET

[mraynetwork.com](http://mraynetwork.com)



The MRAY Net can be found on the LCDRA (lcdra.com) 145.390 Okemos Repeater and on ECHOLINK every Thursday night at 8 PM with Net Control Corey KD8BOQ.

All licensed Amateur Radio Operators are welcome REGARDLESS of age!! Even interested non-Hams are encouraged to join us by way of Third-Party Participation, with the help of a licensed Parent or other Ham. If you have young people in your Club, family, or even neighborhood, please help secure the future of Amateur Radio by getting these kids out on the air.

In this way, you can do your part in making sure that Amateur Radio will be there to pass on to the next generation. Whether they are licensed or not, you can promote Ham Radio and guarantee it's survival by encouraging the young people in your life to check into the MRAY Net every Thursday night at 8 PM.

Please help them have fun enjoying the good, clean Hobby that you've had the privilege to be a part of. Remember—the Youth are the FUTURE of Ham Radio. THANKS FOR YOUR SUPPORT!!!

Contact:

Corey J. Bullock KD8BOQ

517-930-2372

[kd8boq@gmail.com](mailto:kd8boq@gmail.com)

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](mailto:john@fleming-photo.com)

## ONE OF THE DUMBEST THINGS I'VE EVER DONE IN HAM RADIO

One of the Dumbest Things I've Ever Done in Ham Radio  
By Dan Romanchik, KB6NU

Mark, W8MP, and I often argue about what's dumber—his county hunting or my collecting QSL cards from stations whose call signs spell words. It's one of those arguments that will never be won. When you get right down to it, they're both pretty dumb.

Well, one Wednesday morning, I got a call from Mark. He asked, "Hey, want to do something really dumb tonight?" When I asked what he had in mind, he replied, "Well, one of my county hunter friends, Tim, W8JJ (he's the guy looking nervous in the black cap below), claims to have confirmed all 3,077 counties. He needs at least two General Class (or higher) hams to check his QSL cards and sign off on his application for the USA-CA award sponsored by CQ magazine. I guarantee that this will be one of the dumbest things that you ever do in ham radio. I also guarantee that it will be a lot of fun."

After a fine salmon dinner with some very chewy noodles (that Mark claims his son, KD8EEH insisted that he make), we cleared the table, and Tim got out his box of cards. Mark then explained how we should proceed. I was kind of curious about this, as it's clearly impossible to check all 3,077 QSOs in a single evening.

Basically, what the two checkers are supposed to do is to check random contacts until they are satisfied that the applicant does indeed have a QSL from all 3,077 counties. To select the contacts, you might choose counties where you lived, or counties that you have visited. I hit on the idea of having Tim produce the confirmations of all 16 counties in Massachusetts. Clark, who is more familiar with which counties are the most difficult to confirm, asked Tim to produce cards from some rare counties in Colorado and Hawaii.

Above all, though, the idea is to give the applicant as much grief as possible during the process.

Mark came up with the idea of calling several county hunters that he had phone numbers for and asking them to verify in their logs some of the QSOs that Tim was claiming. He first phoned Jim, N9JF, and we asked him about a 44 report that he'd given Tim seven years ago. He wasn't near his logbook, but he said that he did remember that contact

and even rattled off the county (Wahkiakum, WA)!

Next, Mark phoned Guff, KS5A, who confirmed a contact, but was off by almost seven minutes. A long discussion ensued regarding the details of how a mobile logs contacts while out driving. In the end, we accepted the seven-minute discrepancy.

Finally, Mark phoned Larry, WOQE, to confirm a few of the MRCs that Tim had from him. (MRCs are records of multiple contacts. Using them instead of QSL cards makes the process of managing all these QSLs a lot easier.) Mark joked that it looked like one of the MRCs had a forged signature. Larry replied that all of his MRCs are stamped.

"Aha," Clark exclaimed, "this MRC doesn't have a stamp!"

I don't know what was going through Tim's mind at this point, but it probably wasn't good. Larry then explained that he probably sent out that MRC before he got the stamp. When we confirmed those dates, I think Tim breathed a little easier.

In the end, Clark and I signed off on Tim's application. And, even though Mark and I joke about how dumb this activity is, it's really only a joke. In my mind, it's quite an achievement. It takes a lot of persistence, too. It took Tim nearly ten years to do it.

Another cool thing about the county hunting sub-culture is the camaraderie amongst the county hunters. It's the nature of the beast that you'll be contacting many of them multiple times, and it's inevitable that you'll make friends with many of them.

As we were leaving, Tim said, "My wife asked me the other day if I could get now get rid of all my radios since I've talked to everybody." She obviously doesn't understand this ham radio sub-culture. Tim's only just begun.

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You can keep up with all of Dan's dumb ham radio activities by reading his blog at [www.kb6nu.com](http://www.kb6nu.com). When Dan's not doing dumb ham radio things, he programs websites and does community-service type stuff as a member of the Ann Arbor (MI, USA) Rotary Club. You can email him at [cwgeek@kb6nu.com](mailto:cwgeek@kb6nu.com).

## JUDGE DECLARES RADIO NOT CELL PHONE

In many states and localities, it is illegal to talk on a cell phone (without a hands-free device) while behind the wheel – doing so can result in a ticket and possibly a large fine. But on May 30, 2010, when a New York ham was talking on his mobile rig, he didn't think he was doing anything wrong. Except that the officer who pulled him over and cited him with a \$100 fine didn't quite see it that way.

Steve Bozak, WB2IQU, of Clifton Park, told the ARRL that when he was pulled over while driving to Troy – about 16 miles away – he assured the officer that he was not speaking on a cell phone, but on his handheld transceiver. But according to Bozak, the officer said “it was all the same to him.” So Bozak decided to fight the ticket in court.

“Honestly, it's not the fine or the ticket, but that all the other hams who use mobile radios have to hide the fact we are mobile in Troy,” he told the ARRL just days after he was cited. “I will do my best to settle this politely and correctly, for all of the ham community. So I will follow the course and have my day in court, to ‘tell it to the judge.’ This matter affects 38,000 hams in New York State.”

Unfortunately, when Bozak had his day in traffic court, he lost his case. But he didn't give up and took his case to City Court where, on September 8, the judge dismissed the case in Bozak's favor. Bozak argued that his use “of a handheld Amateur Radio does not fit the definition of a mobile telephone, and as such, the present charge should be dismissed.” The prosecutor's office did not submit a response in opposition.

Saying that New York's Vehicle and Traffic Law defines a “Mobile Telephone” as a “device used by subscribers and other users of wireless telephone service to access such service,” and that a “Wireless Telephone Service” is defined as “two-way real time voice tele-communications service that is interconnected to a public switched telephone network and is provided by a commercial mobile radio service,” the judge decided that Bozak's handheld transceiver did not fit that description.

“A review of 47 C.F.R. §20.3 reveals that Citizens Band Radio Service is defined under private mobile radio service not commercial mobile radio service,” the decision read. “Therefore, the Court finds that the use of an Amateur Radio device does not fit the definition of a mobile telephone as defined under the Vehicle and Traffic Law” As such, the

judge dismissed the case in Bozak's favor.

“While the court cited the Citizens Band Service instead of the Amateur Radio Service, the ruling very is favorable to amateurs on the precise point of law raised,” said ARRL Regulatory Information Manager Dan Henderson, N1ND. “The principle of law is spot on. This is a great ruling in New York and exactly what we had thought would happen.”

## TIM K3LR RECEIVES RCA AWARD

### Tim Duffy, K3LR, to Receive RCA's Goldwater Award

Tim Duffy, K3LR, has been selected as the 2010 recipient of the Radio Club of America's Barry M. Goldwater Award. Here, Duffy operates CW on 160 meters – his favorite mode and band – during one of the many contests from his QTH in Western Pennsylvania. [Photo courtesy of Tim Duffy, K3LR]

The Radio Club of America (RCA) has named Tim Duffy, K3LR, of West Middlesex, Pennsylvania, as the recipient of its Barry Goldwater Amateur Radio Award. The Goldwater Award is given to an RCA member who is also a licensed amateur in recognition of a long record of service to the public through the use of Amateur Radio. He will receive the award at the RCA's 101st annual awards banquet held November 19 in New York City. Duffy – an ARRL Life Member who became an RCA member in 1999 and serves on the RCA Board of Directors, as well as chairman of its Marketing Committee – will also be inducted as an RCA Fellow this year. Read more here.

From the Editor - Congratulations to Tim for receiving this honor. He has shown the true spirit of amateur radio by his operating, mentoring activities and supporting DXpeditions. Those of us who are contesters truly appreciate all of his contributions to the Radiosport. If you go to Dayton, stop by the Contesting Suite at Crowne Plaza and say hello.



## Q M N : C E L E B R A T E F I R S T T R A F F I C N E T

The year 2010 will mark an important anniversary in the History of Amateur Radio: The birth of the first public service net and it happened here in Michigan.

Before the implementation of a net concept, radiogram traffic and emergency communications activity was conducted on a system of schedules and random contacts. Radiogram traffic moved across the country on "Trunk Line" networks staffed on a daily basis by "iron man" traffic handlers. From these key stations, traffic was routed to its destination via individual schedules, directional "CQ" requests, and similar techniques. The ARRL "Amateur Radio Emergency Corps," "National Traffic System," and similar programs had not yet emerged.

This all changed during the autumn of 1935 when members of the Detroit Amateur Radio Association (DARA) formed the Michigan Net and adopted the net call "QMN." The plan was simple and elegant in concept. Using the relatively new technology of crystal control, radio amateurs from throughout the State of Michigan would gather on a single "spot frequency" to exchange radiogram traffic and coordinate emergency communications response to disasters. A QMN Committee standardized the procedures and created the familiar "QN-Signals" so familiar to generations of traffic handlers. With the creation of QMN, the modern traffic net was born.

This year, QMN will celebrate its Diamond Anniversary with a very special event! A 75th Anniversary Banquet will be held at Owosso, Michigan on Saturday, October 23, 2010. Activities include:

- \* A special event station on 7055 KHz and 3563 KHz using the call K8QMN. This special event station will use vintage equipment from the 1930s and '40s. Visitors will have an opportunity to sit down at the key and experience QSOs using 1930s era receivers.

- \* A presentation entitled "An Early History of Radio" will be featured along with a talk on the history of QMN.

- \* Long-time members will reminisce about their experiences in Amateur Radio.

- \* Vintage radio equipment will be on display for all to enjoy.

- \* A working Morse Telegraph Circuit will be available on site for those who would like to see land-line telegraphy and American Morse Code in use.

QMN members both past and present are invited to attend, as are all radio amateurs with an interest in the history of Amateur Radio and the history of public service communications. Those wishing to attend this event should request a registration form from James Wades, WB8SIW at the following e-mail: [jameswades@gmail.com](mailto:jameswades@gmail.com) You don't want to miss this celebration to be held on October 23, 2010 at the Comstock Inn, Owosso, Michigan.

Websites with Michigan Amateur Radio interest: The Michigan Section home page <http://arrl-mi.org/> Check the PRB1 web page <http://www.prb1michigan.org> ARES members should look at <http://www.mi-arpsc.org/>

## C O D E O F C O N D U C T

**Robert, ST2AR/S53R**, from Sudan, writes to OPDX and its readers about something that needs to be addressed as much as reporting a new one. *It's about the operating ethics and practices.*

He states, "A while ago a group of amateurs, DX-expeditioners, FOC members, etc.. (W6SJ, G3SXW, ON4WW, G3PTJ, ON4UN, N7NG, ZL2IFB, myself) have started to talk about the poor operating practices that are rather widespread today, especially when a rare one shows up on the bands.

"We have come up with a DX-Code that sets some basic but very important guidelines on how to best use your station and operating skills when trying to score a new one. The code is published at: <http://dx-code.org>

"We frankly thought it was time we all start addressing the ever growing problem of misbehavior on the amateur bands. Making amateurs aware of the problem and guide them on how to contribute to the cause, should be a good way forward. I am writing to you to seek your support on the above efforts."

Robert suggests to look at the following Web page and learn more about how to operate and best use your operating skills to make it into the DX log, in away that is both efficient and follows the ethical standards of operating on the amateur bands.

So please visit and become a supporter of the "DX-Code of Conduct" Web page at: <http://dx-code.org>



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## DIVISION WEBSITE

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This is a brief note to announce the existence of a new web site for the Great Lakes Division. The URL is [www.arrl-greatlakes.org](http://www.arrl-greatlakes.org). Please stop by, browse and be happy.

I wish to thank Scott Yonally, N8SY the new Webmeister for jumping on the challenge and getting this site up and operating in less than a week. I also thank former Webmeister Gary Osborne, W8XS who put together the previous site. Unfortunately, family demands prevented Gary from maintaining and updating it.

Jim

Jim Weaver, K8JE, Director  
ARRL Great Lakes Division

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## SPOTS NO MORE?

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*ScienceNOW* carries an article that predicts that the sun may become spotless for decades after 2016!

The article says:

Scientists studying sunspots for the past 2 decades have concluded that the magnetic field that triggers their formation has been steadily declining. If the current trend continues, by 2016 the sun's face may become spotless and remain that way for decades—a phenomenon that in the 17th century coincided with a prolonged period of cooling on Earth.

Read the full article at

<http://news.sciencemag.org/sciencenow/2010/09/say-goodbye-to-sunspots.html>

More information: Long-term Evolution of Sunspot Magnetic Fields, Matthew Penn and William Livingston,

<http://arxiv.org/abs/1009.0784v1>

<http://news.sciencemag.org/sciencenow/2010/09/say-goodbye-to-sunspots.html>

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## KENTUCKY QSO PARTY IN NOVEMBER

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The 2010 running of the Kentucky QSO Party will be from 1400 UTC Saturday, November 13 through 0200 UTC Sunday, November 14. The object for stations in the Commonwealth is to contact as many stations in any location as possible. Stations outside Kentucky contact as many stations inside the Commonwealth as possible. The full rules and additional information are at <http://www.wkdx.com/mainsite/>. Click on 2010 Ky QSO Party Rules at left of page.

The KYQP is sponsored by the Western KY DX Association.

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## AROUND TOWN

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10/16/2010

### Great Lakeshore Super Swap

West Ottawa High School South Campus  
3600 152nd Avenue  
Holland, MI 49424

<http://hollandarc.org>

Talk-In: 147.06+ (PL 94.8)

Contact: Jeff Ver Hage , KB8QAP

Phone: 616-724-7720

Email: [HollandArcSwap@gmail.com](mailto:HollandArcSwap@gmail.com)

10/17/2010

### Kalamazoo ARC & SW MI AR Team

Kalamazoo County Fairgrounds  
2900 Lake Street

Kalamazoo, MI 49001

<http://www.KalamazooHamFest.com>

Talk-In: 147.640/147.040 (PL 94.8)

Contact: Ruth BatesHill , WB8VEV

Phone: 269-665-7149 (H)

Email: [Ruth.M.Bates-Hill@Pfizer.com](mailto:Ruth.M.Bates-Hill@Pfizer.com)

j/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](mailto:pidge4645@aol.com)

**M  
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**2010 DATES**

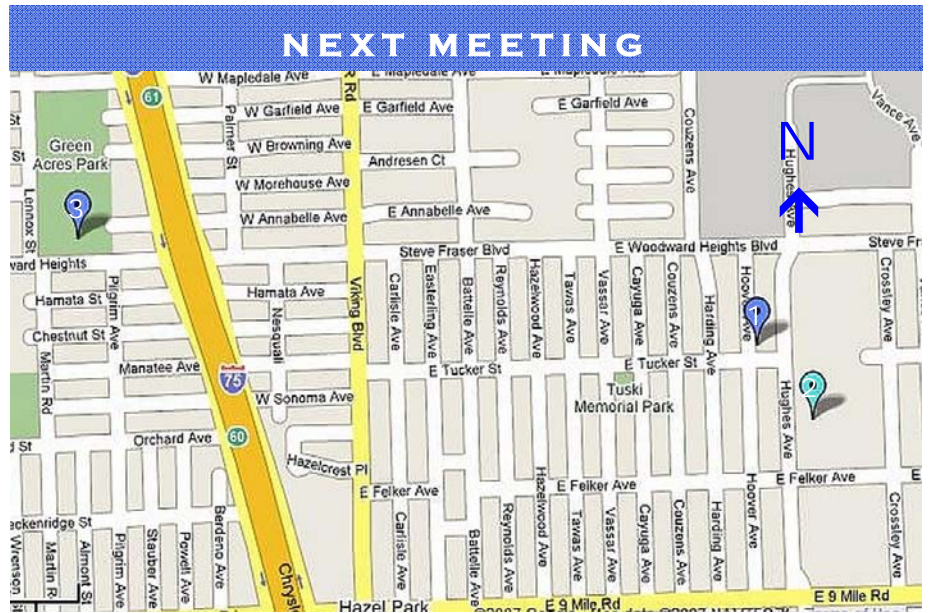
- November 10
- December 8
- January 12
- February 9
- March 9

**TIME**

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

**PLACE**

Hoover Elementary  
23720 Hoover Ave.  
Hazel Park 48030



Watch for construction on I-696

We're on the Web  
[www.hparc.org](http://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?