

# The Zero Beat

## THIS MEETING

March 13, 2016  
 7:30 P.M.  
 UFCW Hall  
 876 Horace Brown Dr.  
 Madison Heights, MI

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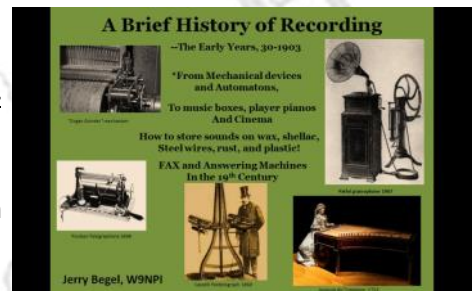
## GENERAL MEETING

The next meeting of the Hazel Park Amateur Radio Club will begin at 7:30 PM. Socializing starts around 7:00 PM. The meeting location is south of 13 Mile Rd, between John R and the I-75 freeway. Turn south at the stoplight at Barrington St, then just before the dead end sign, turn right onto Horace Brown Dr. Enter the parking lot on the left, then **enter the building on the east side where you see the club banner**. Come early and visit with fellow hams. Everyone is welcome to come to the meeting and bring a friend along.

Jerry Begel W9NPI will present a **Brief History of Recording**. He has been a Ham Radio Operator since 1957, and is a Life Member of the ARRL. He was formerly an Electronic Technician and Training & Development Specialist. Jerry is now the Education Coordinator for the Hazel Park (MI) Amateur Radio Club and Advisor to the Lawrence Tech Wireless Society.

Jerry is a regular presenter at the Antique Wireless Association's International Conventions, and lectures at Libraries, Museums, and Amateur Radio Clubs in the Detroit Metropolitan Area. He once concentrated in converting Military Surplus gear for Ham use. Jerry actively uses Morse Code and digital communications on the Ham bands, and has created six lectures about:

- The History of Telegraphy (Three parts), Unconventional RF Transmission Techniques, and History of Military Communications



## PRESIDENT'S QRM

It's February as I compose this I realize the weather has been cooperating well enough to be outside working on those antenna projects or just making the repairs necessary from the latest wind storm. My 40 meter dipole stretched and is now attempting to operate below 7 MHz. But by the time this QRM gets to you the weather will change. Let's face it, we live in Michigan.

Obviously our **DART** team was busy this past month because the South repeater seems to be working great. One can actually communicate in the RF pit near I-696 and I-94 interchange. This is a result of your DART committee at work behind the scenes. Unfortunately, the USECA repeater took a hit from the latest storm, so I would suspect that the DART may get a bit busier. If you are us-

*(Continued on page 2)*

## OFFICERS

- **President:** Ken Krause  
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## VOLUNTEERS

- **Technical Coordinator & W8HP Trustee :**  
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- **W8JXU Trustee:**  
Bill Ketel N8QVS
- **Education/VE Testing:**  
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- **Meeting Coffee & Donuts:**  
Dan Conroy KD8SPD
- **Sunday Net:** Bill N8QVS  
Bob N8REL  
Rey W8REY
- **VUCC/WAS Awards Card Checker:** Sean Fleming  
K8KHZ [k8khz@arrl.net](mailto:k8khz@arrl.net)
- **Banquet:** (Open)
- **Field Day Chair:**  
John Teagardin, AA8UU  
[aa8uu@arrl.net](mailto:aa8uu@arrl.net)
- **HPARC Official Cook:**  
Bill Ketel N8QVS
- **Hamfest Chair:** Hugh Boyle  
KE8BED (248) 755-6094  
[HazelParkSwap@gmail.com](mailto:HazelParkSwap@gmail.com)
- **Holiday Party:** The Board
- **Oak Apple Run Royal Oak:**  
Mike Van Buren WD8S  
[wd8s@arrl.net](mailto:wd8s@arrl.net)

## QRM CONT.

*(Continued from page 1)*

ing the DART, be sure to invite the visitors to the club meetings.

The next major club activities are the Banquet, Field Day and August picnic. The Oak Apple Run is also an activity supported by the club members.

The **Oak Apple Run** is chaired by Mike WD8S and requires the club 2 meter operators' assistance. This is an opportunity to participate in a real 2 meter net function. HPARC supports this Boy's and Girl's Club of Royal Oak fundraiser. We assist the police by monitoring the runners at designated locations throughout the run. I expect to see a great list of volunteers this year. All you need is a Hand Held 2 meter radio and of course a license to operate. The Run will take place on the 4th of June in downtown Royal Oak neighborhoods.

The **banquet** is held in, yes, a banquet hall. It's a social event held the evening of June 8 where the better halves are encouraged to accompany you. It is the function where good food is served, the awards of the year are given out, and the new officers are officially recognized. Prizes, including a dual band 2 m/440 mobile rig, are raffled off. Anyone interested in assisting to make this a great event, just step forward.

Speaking of the new officers, we are looking for a minimum of 2 people for the **nominating committee**. The assignment is to gather the names of people willing to run for a position on the board. Again it is an excellent opportunity to get involved without having to make a long term commitment.

The **Field day** committee will start meeting soon. They will define location, bands, antennas and position to avoid interference as well as the topology to link all the contact logging to a central server. Wow, another opportunity to share your skill sets with the club. This year we will be adding a new element to Field Day effort; in the form of some inclusive marketing efforts: signs and posters which explain the individual station set up, possibly business cards to pass out and of course a "Director of First Impressions".

The Club enjoyed a very successful Swap this year and I'd be thrilled if we could do the same for Field Day.

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## MEETING MINUTES

2016-02-10 HPARC

General Meeting minutes at UFCW 876

Meeting opened at 7:30 by Ken AD8M

Pledge of allegiance said

Presentation by Tom Hagen NE9Y & Ken Redcap KR5ARA on SDR. There was supposed to be a demo, but technical difficulties required that it be postponed.

Members Introduced themselves

Donuts and Coffee were served

Jerry W9NPI made an announcement about the LTU Engineering Exploration Day; and was looking for volunteers to operate a demo station at the fair.

JD presented a detailed treasurer's report comparing the swap this year to last year: We saw a 44% increase in profits, with expenses being held steady but an increase in income.

Member to Member:

Colin W8CMC wanted to retry the demo of SDR, thought is that the presenters will try it again at a later date

Larry K8MU is going on a DXpedition to T32, and will be operating as T32MU. Several other local hams will be operating with various different T32 callsigns. Wes AC8JF will be the QSL manager.

Aaron W8VIP brought in a wood "air conditioner" window pane he ordered from Wallside windows to swap out for his real window. He will drill and install bulkhead connectors in it, and can remove all traces by simply swapping back to the original glass window.

KE8BZM is looking for antennas for an apartment; several members offered ideas on operating from such a location.

Wes AC8JF mentioned that there are kids on the air for the school club roundup the coming weekend.

N8GSP won the radio raffle.

The meeting was adjourned at 9:00pm

Respectively submitted,

Reuven KB3EHW

## NEW EXTRA Q Q ' S

The ARRL report the new Amateur **Extra** Question Pool puts greater emphasis on Digital, SDRs and Propagation

The US Extra Exam may be considered equivalent to the UK Advanced Exam.

ARRL say: The new Amateur Extra class license examination question pool, effective from July 1, 2016, through June 30, 2020, now is available at the National Conference of Volunteer Coordinators (NCVEC) website. The latest revision contains a few minor corrections that had been released in a February 5 errata of the initial January 8 release. NCVEC Question Pool Committee Chair **Rol Anders, K3RA**, said the new pool represents a fairly significant change relative to the current question pool, which expires on June 30.

"The primary change is modernization of the pool to place more emphasis on digital communications, digital test equipment, software defined radios, and propagation/space weather," he said. "Also, a number of other topics were added, including questions on some additional antenna types commonly used by radio amateurs." Anders said that room to cover the new topics was made in the question pool by dropping some questions that had been in the expiring pool.

"Many of the questions removed were on topics which were felt to be of less importance to the current amateur population," he said. "However, there was also some 'evening out' of difficulty in the removal of a number of questions felt to be inappropriately easy or difficult relative to the rest of the pool." As a result, he said, the net number of questions grew from 700 to 712 questions.

Read the full ARRL story at

<http://www.arrl.org/news/new-amateur-extra-question-pool-puts-greater-emphasis-on-digital-sdrs-propagation>

The complete question pools for the Amateur Technician, General and Extra exams can be downloaded from

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

## H A M V E N T I O N B U S E S



As in years past, The **Arrow Communication Association** is sponsoring a bus trip from Ann Arbor to Hara Arena and back. The date is Saturday, May 21. They leave the park-and-ride at 4:30 am and get to the show at 8:00 am. They leave Hara at 5:30 pm and arrive back to the large park-and-ride site by 8:30 pm. A continental breakfast is included on board. Even if you come from out of town, you still relieve yourself of almost 8 hours of drive time! What more could you ask for?

There is more. If you want to sell your stuff in the flea market. Every year, Arrow reserves a swap spot just for the bus trip crowd. You save \$70.00. All we ask is that you keep your items to a reasonable limit and that you volunteer at least one hour of your time at the swap tables. (We just ask that you keep your amount of sale stuff reasonable, to give others room on the swap tables!)

There is still more! As in the past several years, we are giving away **DOOR PRIZES!** In 2016, we have **OVER \$500** in donations from Ham Radio Dealers around the U.S! Please see the list at the end of this email! The list is growing!

*Not only that!* If anyone purchases their bus seat **BEFORE APRIL 1**, the ARROW club will be having a drawing to give away A HAMVENTION TICKET to TWO of these early birds on our April 13 meeting!

The cost is \$60.00 for the round trip. (This increases

### Dayton Hamvention

05/20/2016

Hara Arena (near Dayton, OH)

[www.hamvention.org](http://www.hamvention.org)

**NEW—no ADA permits in advance.** Take your state ADA parking permit or license plate/tabs. 500 parking spaces given to first come first

to \$65.00 on or after April 1.) Please mail all applications to ARROW Communication Association, 3322 Yellowstone Drive, Ann Arbor, MI 48105. **Please note that this does not include the Hamvention ticket.** That one you'll have to do yourself! You may also use the link below to purchase a seat using **PayPal**.

The link <http://www.w8pgw.org/activities/dayton-bus-trip/> or simply <http://www.w8pgw.org>.

**USECA Bus** is doing Dayton in style.. They've reserved a limo style bus for a one-day trip to the Dayton Hamvention (Saturday). Half the bus is already sold to USECAns, but they are now offering seats to other local hams who might want to join in the fun. Cost is \$50 round trip and does NOT include your Hamvention tickets. Signed registrations MUST be received by USECA by May 1st at the latest if you intend to go. [see form at end of ZeroBeat]

## C W C L A S S

The Orion Senior Center Amateur Radio Team (W8LOC) and the Oakland County Amateur Radio Society (W8TNO) has found the cure for the wintertime blues. Jim Vigne KB8TXZ will be teaching a class in CW (Morse Code).

**When:** beginning Monday, March 7, 2016 for six weeks and ending Monday, April 11.

**Where:** Orion Oaks Elementary School  
1255 Joslyn Rd, Lake Orion, MI 48360

**Fee:** \$5 payable at the first class

**Contact info:** Jim 248-391-4268 [jvtxz@msn.com](mailto:jvtxz@msn.com)

## WELCOME TO HPARC!

Michael Cencich KE8DDX. new Tech

Michael Kidd, KE8DEA. new Tech

Gerald Ciesielski, N8UUF

Jon Ruthenbeck, W8VOX

**LTU EXPLORES ENG**

**LIFETIME LICENSE**

**Engineering Exploring Day**

On Friday, March 18, Lawrence Technological University is holding an *Engineering Exploration Day* to give High School Sophomores, Juniors, and Seniors a taste of what they will find in their future careers—and Amateur Radio will be a part of that!

HPARC members will have an opportunity to help LTU and interest a new generation of Electrical Engineers in the world of Amateur Radio!

During this event, six groups of students will visit the Electrical and Computer Engineering Department’s laboratories, and we have been assigned time to show how Amateur Radio can enrich their education with the practical experimentation that all Hams do!

Students will circulate through the lab between 9:30AM and 12:30PM. There’s room in the lab for a working HF/VHF station, and demos/slide shows that can tune into young interests in Satellite Design-and-build, SDR, Programmable Controllers, and the like.

If you have an interest in “Elmering,” providing equipment, helping to prepare “show-and-tell” exhibits, or making a brief presentation, we *need you!* I’m thinking that AMSAT members could be especially helpful .

Over the past two years, HPARC has had a working relationship with Lawrence Technological University. We have enjoyed using their classrooms for our Licensing Courses, and in return, HPARC is “Elmering” the fledgling LTU Wireless Society, W8LTU.

Right now, most of the “members” are LTU alumnae, and we’re preparing for the moment of “critical mass” where W8LTU can recruit enough students to stand as its own independent Student Organization.

If you can help, or need more information, please contact Jerry Begel, [W9NPI@comcast.net](mailto:W9NPI@comcast.net).

Remember that we start Daylight Saving Time on Sunday, March 13, 2016 at 0200 (or 2:00 AM).



The FCC is seeking comments on a Petition for Rule Making (RM 11760 - available on the web at, <http://apps.fcc.gov/ecfs/document/view?id=60001333714> ) that asks the FCC to grant lifetime Amateur Radio licenses. Mark F. Krotz, N7MK, of Mesa, Arizona, filed his request with the FCC last November.

He wants the FCC to revise Part 97.25 of its rules to indicate that Amateur Radio licenses are granted for the holder's lifetime, instead of for the current 10 year term. Krotz noted that the General Radiotelephone Operator License (GROL) already is issued on a lifetime basis, and he maintained that not having to renew licenses would lighten the FCC's workload.

"It would be mutually beneficial for the FCC and Amateur Radio operators to update Part 97 to grant operator licenses for lifetime, Krotz said in his filing. "The FCC would benefit by reducing administrative costs."

In 2014 the FCC granted lifetime credit for examination elements 3 and 4, but applicants seeking relicensing under that provision still must pass examination element 2.

Individuals may submit comments

<http://apps.fcc.gov/ecfs/proceeding/view?name=RM-11760> via the [FCC's Electronic Comment Filing System \(ECFS\)](#).

**Q R M C O N T .**

*(Continued from page 2)*

During Field Day we have the opportunity to capture the interest of those on the edge of getting into Ham radio as well as providing the means for the technicians to try their hand at working the HF bands. I attended SEMARS’s Field Day when in grade school (1960) and I was hooked for life.

In summary, I’m reaching out to the members for their assistance in whatever capacity or interest they may have. The board is made of only 7 members and they cannot do it all. The club’s reputation is defined by its members.

73,  
Ken AD8M

## 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.

**Thursday Night Youth Net**, 8 PM EST on the DART repeater, via Echolink \*759629 (W5DDL-R).

**Yacht Net**, Saturday night, 8 PM EST. A youth net on the DART repeater, via Echolink \*481872 (W8PIF-R).  
Homepage: <http://yachthams.webstarts.com>

### 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.arpac.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.

Try out our new 440 EchoLink Node Number is 575050. You can find all the info you want at the following link:  
<http://www.echolink.org/tour.htm>

Tony N8VR

## A R O U N D T O W N

**HPARC Buddy Breakfast every Saturday @ 9:00 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**  
**March through November** except in April, it is held the second Wednesday at 1 pm. Contact **Marsha N8FE** at [n8fe@arr.net](mailto:n8fe@arr.net) to be assigned a siren to test.

### 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

## M I C H I G A N Q S O P A R T Y

Now is the time to begin to think about participation in the Annual Michigan QSO Party on April 16 from noon to midnight, which is sponsored by the Mad River Radio Club. You can locate all necessary information <http://miqp.org/>. On their web page, you can find the 2016 MiQP flyer which is handy for printing a few copies to take to your club meetings to pass around to interest your members in participating.

There are a number of categories of participation and room for participants from large, experienced contest groups to individual operators participating for the very first time. The contest is a maximum of 12 hours (noon to midnight), so there will still be family time available that weekend. No amplifier? No problem. A hundred watts will work just fine. Modest stations are able to do quite nicely.

March  
April  
May  
June  
July  
August  
September  
October  
November  
December

**2016 Meetings**

April 11  
May 11—Elections  
June 8—Banquet  
August 10—Picnic

**TIME**

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

**PLACE**

UFCW Hall  
876 Horace Brown Dr.  
Madison Heights 48071



Meeting and Swap location



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?