



# The Zero Beat

## THIS MEETING

**May 12, 2010**  
**7:30 P.M.**  
 (socializing begins at 7)  
**Hoover Elementary**  
**23720 Hoover Ave.**  
**Hazel Park 48030**

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## GENERAL MEETING

How quickly the summer has gone by. Our First meeting of this season will be on **September 8** at Hoover Elementary in Hazel Park with a **meet 'n greet at 7 pm and meeting at 7:30 pm**. Bring any projects you've done over the summer or any news you want to share. (see map on the last page). Dale Williams WA8EFK Michigan Section

Welcome to our 2010-11 Board

PRESIDENT—Murray Scott - KE8UM

1st. VICE PRESIDENT—Jim Poehlman - K8ABZ

2nd. VICE PRESIDENT—Bill Reilly - K8DRV

TREASURE—John Fleming - K8UP

SECRETARY—Bill Ketel II - N8QVS

PARLIAMETARIAN—Ed Walton - N8LBS

DIRECTOR—Rich Urbano - KC8WPW

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

*I know that is a bad night for us Jewish Amateurs. Alas we can't make sunspots do what we want, what makes us think we can change the lunar calendar? Wishing you all L'Shana Tova and please come to the meeting next month.—Marsha N8FE and John K8UP*

## PRESIDENT'S QRM

Gee, September already, where did summer go! Welcome back to our regular meeting season. Bill, K8DRV has lined up a great program for our September meeting so you won't want to miss it. See details elsewhere in the Zero Beat. We had our first board meeting of the season this August.

I had fun this summer, did you? John, AA8UU pulled off a great Field Day in June with good help from members. The few Boy Scouts at Field Day seemed to have a good time. Then in August we had our annual club picnic at Green

Acres Park in Hazel Park. The weather was good; if you didn't make it you missed a good time.

Do you have any new projects you completed this summer, if so let us know. If you know of any good presentations let Bill, K8DRV know so he can schedule them. See the dude Jim, K8ABZ to see if your dues are due, dude it! If you are reading this it means Marsha, N8FE has already been hard at work on the Zero Beat (could she be working on another award for her Zero Beat work?).

*(Continued on page 2)*

## OFFICERS

- **President:** Murray Scott  
[KE8UM@arrl.net](mailto:KE8UM@arrl.net)
- **1st VP:** Jim Poehlman  
[K8ABZ@arrl.net](mailto:K8ABZ@arrl.net)  
248-310-0086
- **2nd VP:** Bill K8DRV  
[kc8drv@gmail.com](mailto:kc8drv@gmail.com)
- **Treasurer:** John Fleming  
K8UP 248-542-9573  
[john@fleming-photo.com](mailto:john@fleming-photo.com)
- **Director:** Rich KC8WPW  
586-264-5035  
[shadowru@comcast.net](mailto:shadowru@comcast.net)
- **Secretary:** Bill Ketel  
N8QVS 248-544-2452  
[wkettel2@wowway.com](mailto:wkettel2@wowway.com)
- **Parliamentarian:**  
Ed N8LBS  
[waltoned@sbcglobal.net](mailto:waltoned@sbcglobal.net)

## VOLUNTEERS

- **Technical Coordinator & W8HP Trustee :**  
Murray Scott  
[KE8UM@arrl.net](mailto:KE8UM@arrl.net)
- **W8JXU Trustee:**  
Bill Ketel N8QVS
- **Education Coordinator:**  
John Fleming K8UP  
248-542-9573  
[john@fleming-photo.com](mailto:john@fleming-photo.com)
- **Instructors:**  
Rich Urbano KC8WPW  
[kc8wpw@arrl.net](mailto:kc8wpw@arrl.net)  
Marsha Fleming N8FE  
[n8fe@arrl.net](mailto:n8fe@arrl.net)  
John Fleming K8UP  
[john@fleming-photo.com](mailto:john@fleming-photo.com)
- **Contest Mentors:**  
Mike WD8S [wd8s@arrl.net](mailto:wd8s@arrl.net)  
Gerry K8GT [k8gt@arrl.net](mailto:k8gt@arrl.net)
- **VE Testing:** Jerry Begel  
[w9npi@comcast.net](mailto:w9npi@comcast.net)
- **LoTW Manager:**  
Murray Scott KE8UM  
[ke8um@arrl.net](mailto:ke8um@arrl.net)
- **Newsletter/PIO:** Marsha  
N8FE [n8fe@arrl.net](mailto:n8fe@arrl.net)  
248-542-9573
- **VUCC/WAS Awards Card Checker:** Sean K8KHZ  
[k8khz@yahoo.com](mailto:k8khz@yahoo.com)
- **50/50 & Donuts:**  
Rey Bora W8REY
- **Meeting Coffee:** Ralph  
Augustyniak KC8ZKA
- **Sunday Net:** Bill Ketel  
N8QVS 248-544-2452  
[wkettel2@wowway.com](mailto:wkettel2@wowway.com)
- **Banquet:** Rey Bora W8REY  
[rey62@aol.com](mailto:rey62@aol.com)
- **Field Day Chair:**  
John Teagardin, AA8UU  
[aa8uu@arrl.net](mailto:aa8uu@arrl.net)
- **HPARC Official Cook:**  
Bill N8QVS
- **Swap:** Swap Chair  
Walt Carter KD8LWC  
[pidge4645@aol.com](mailto:pidge4645@aol.com)
- **Webmaster:** Marsha N8FE
- **MS Walk Chair:**  
Phil AA8KR 586-838-4139
- **Walk for Babies Chair:**  
Jim K8ABZ [k8abz@arrl.net](mailto:k8abz@arrl.net)
- **Holiday Party Chair:**

## QRM CONT.

*(Continued from page 1)*

Ouch Department:

John, K8UP has a broken arm that has to heal on its own so think of him. Al Hardenbergh, N8WYO, fell and broke his hip late in April. He is recovering and has been receiving physical therapy. Al is 86 years old and a Navy veteran of WWII. Al has been doing a great job for years as net control on our CW net.

We have Technician and General classes scheduled again this fall. According to my count on the June club roster we have 65-Extra Class, 5-Advanced Class, 26-General Class and 15-Technician Class members. Did you know a Technician with proof of license before March 21, 1987 can receive an instant upgrade to General? If you are not an extra yet go for it, get it over with and have more fun. We have classes that can help or just get the books and study. Help and advice is available.

Now is the time to get those antenna projects done while the weather is still good. Plant trees as they make good wire antenna supports, make them apple trees and deer may show up to help you clean up the apples. We have helped on quite a few members after Saturday breakfast at Jimmy's. I will need help to lay my tower down, replace the rotor and lift it back up before the snow flies. I'm not ready yet. The brake is bad. I have a spare Ham II rotor and parts to upgrade the brakes before the installation of the spare rotor.

Don't forget the Official HPARC Sunday night net at 9:00 pm on 146.640. We would be happy to have everyone sign up to take a turn as the net control operator; it is fun and good experience. See Bill, N8QVS to get on the list. The net is what we make it, so lets everyone one meet there and make it the best net in the area, on the friendliest repeater in town.

See you at the meeting, on the net and at Saturday morning breakfast

73

Murray, KE8UM

## 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](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.

## FIELD DAY

Field Day was really nice this year. It was nice to be home back at Hazelwood. John AA8UU

Thank you to these operators for helping. Whether you stayed the whole weekend or just for a few hours you really helped make this a good field day.

K8DRV, K8MU, K8UP, KD8LOY, N2PQW, N8FE, K8KHZ, W9NPI, WD8S, KC8WPS, AA8UU, AB8SA.

If you operated but your name was not on the list, then it was because I could not decipher your initials. Please remember that you are supposed to put your callsign and not your initials in the log book.

Sean K8KHZ did an interesting video about the PSK station set up by Bill K8DRV and the solar power for the PSK station that Jeff KB8CRM put together. Check it out at <http://www.youtube.com/watch?v=d3wf6TMP5ag>. Sean also recorded John AA8UU's spud gun antenna launcher at <http://www.youtube.com/watch?v=hNfuljT-39A&feature=related>

58 people attended Field Day throughout the weekend. Our GOTA coach was Roy Price N2FVM. We were able to receive the W1AW message and get extra points for that.

### By Band

CW	DIG	PH	Total	Qs
80	138	2	42	182
40	463	64	361	888
20	206	25	214	445
15		18	16	34
10			37	37
6			70	70
2			2	2
	807	109	742	1658

### By Station

	PH	CW	DIG	Pts Totals	Total Qs
40M	361	463		1287	824
Digital			109	218	109
SSB	224			224	224
80M	42	138		318	180
CW		206		412	206
VHF	72			72	72
GOTA	43			43	43
Club	742	807	109	2574	1658
<b>Total</b>	<b>Power Mult</b>	<b>2</b>	<b>5148</b>		

## HPARC JACKETS

SIZE	FLANNEL	QUILTED
S-XL	40.00	45.00
XXL	43.00	48.00
3XL	46.00	51.00

\$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 DX...

## CONTEST CORNER

**National Hamfest Award 2010**

The National Hamfest hosts, The Lincoln Short Wave Club, will offer an award for the Ham Week UK. The special station being set up for the National Hamfest **GB10NH will be on air from 28th September 2010 until 10 October 2010.**

The station will be mainly on 40m and 80m.

To gain the attractive award, stations **must work GB10NH and 4 other UK special event or club call signs.** It is open to all amateurs and short wave listeners. **No QSLs will be required.** It is hoped that as many clubs will take part even if they can only get on the air once during the week. Participating special event stations and clubs are asked to forward check logs to the Awards Manager by 31st October 2010.

**Rules**

All claims must be submitted in a form acceptable to the Awards Manager.

Listing DATE, TIME (UTC), BAND, MODE, STATION WORKED, RST RECEIVED and RST SENT.

Each claim must include the following signed declaration: "I DECLARE THAT all the contacts were made by me personally in accordance with the terms of my radio transmitting license. I accept that a breach of these rules may result in disqualification of my claim."

Each claim must be accompanied by a fee of £1.00 or US\$2 (US\$6 for airmail) per certificate. QSL cards are not required as claims will be checked against logs of participating stations.

Claims to be made to: Lincoln Short Wave Club, BSA Social Club, Aisthorpe, Lincoln, LN1 2SG

Enquiries to [chris@nationalhamfest.org.uk](mailto:chris@nationalhamfest.org.uk)

Chris Jones, GOPIO, National Hamfest Publicity & PR  
07749 680 634

A member of Lincoln Short Wave Club (G5FZ)

[www.nationalhamfest.org.uk](http://www.nationalhamfest.org.uk) [www.G5FZ.co.uk](http://www.G5FZ.co.uk)

AUSTRIA, OE. Special event stations OE50AMRS, OE50XAM, OE50XCL, OE50XCW, OE50XLC, OE50XMA and OE50XRM will be QRV from September 1 to December 31 to celebrate the 50th anniversary of the Austrian Military Radio Society in Peace Support Missions. Activity will be on all bands using CW, SSB and various digital modes. QSL via bureau.

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

**September**

Sep 4 - Sep 5	ARRL EME Contest All Asian DX Contest, Phone Colorado QSO Party IARU Region 1 Field Day, SSB AGCW Straight Key Party RSGB SSB Field Day DARC 10-Meter Digital Contest
Sep 5 - Sep 6	Tennessee QSO Party
Sep 8	QRP Fox Hunt
Sep 8 - Sep 9	CWops Mini-CWT Test
September 11-12	ARRL September VHF QSO Party WAE DX Contest-Phone Arkansas QSO Party Ohio State Parks On the Air QRP ARCI VHF Contest Classic Exchange-CW

**Radio Activities to improve Contesting Skills**

September is a short month for contesting. That means more time for regular hamming. Think of this as a time to practice working on pileups, CW, PSK, RTTY, or things that you use in contesting.

Also a time when you can pick a frequency and maybe create your own pileup. There are a lot of new Technicians and Generals out there looking to get their feet wet. Go down to the SSB Technician portion and be a First Contact for someone. Maybe even be a "buddy" and help someone learn CW.

Come to think of it. These things can be done any month not just a slow contesting month. What do you do to help your contesting scores? If you have any good contesting tips, send them in to Marsha N8FE at [n8fe@arrl.net](mailto:n8fe@arrl.net) and we'll share them with the club.

GL and 73  
Marsha N8FE

## TIDBITS

### Is it a Broadcast or a QSO?

"In response to reports of broadcasting we receive at times, here is one point to keep in mind to help in determining if it is indeed considered broadcasting. Are the transmissions intended to be received by the general public or are they directed to other amateurs? If other amateurs are involved and they take part and ID, it's considered a QSO."

From: The Official Observer Summary April, 2010 by Chuck Skolaut, KØBOG. Field & Regulatory Correspondent, ARRL. [source—Weaver's words 5/28/10]

### Slow CW Net

Ohio Slow Net" which meets daily at 6PM on 3535.5khz.  
[http://www.ohioslow.net/index.php?option=com\\_content&view=article&id=3&Itemid=2](http://www.ohioslow.net/index.php?option=com_content&view=article&id=3&Itemid=2)

### CQ Magazine Website

Check out the new and improved website for CQ Magazine. They have really improved it and made it much for user friendly. <http://www.cq-amateur-radio.com>

### EchoLink on your DROID

[http://www.echolink.org/faq\\_android.htm](http://www.echolink.org/faq_android.htm)

### Ham Groups on Google

<http://groups.google.com/groups/dir?sel=topic%3D46619.46502%2C&hl=en&>

### SE Michigan Repeater Guide

<http://kb6nu.com/the-kd8lwr-repeater-guide/>

### Spratlys DXODX DXpedition 2011

### Heard Island VKO-H 2013

The DX fraternity is eagerly looking forward to the day that Heard Island VKO-H, in the top ten of the world's most wanted DX entities, is activated again. Preliminary, but serious plans have begun to put this uninhabited sub-Antarctic island, in the Southern Indian Ocean, home to Mt Big Ben which is Australia's highest mountain and active volcano, back on air in February 2013.

## HAM CLASSES NOW

Are you looking for a Technician or General Classes? Then look no further. HPARC is sponsoring a Technician and General Classes for anyone interested in getting their Technician Class license or upgrading. The Technician class will use the new ARRL License Manual 2nd Edition covering the new Technician question pool.

What: **Comprehensive Technician Class**  
 Day: Mondays  
 time: 7 pm to 9 pm  
 Dates: September 13 through November 30  
 Exam: November 30 (same location as class)  
 Cost: FREE - except purchase of ARRL License Manual 2nd Edition

What: **Comprehensive General Class**  
 Day: Tuesdays  
 time: 7 pm to 9 pm  
 Dates: September 14 through December 7  
 Exam: Last night of class  
 Cost: FREE - except purchase of ARRL General Class Manual

(The book will be available the first night of class from the instructor - cash only)

Location: Southfield EOC - Basement of the Southfield Parks and Recreation Building

Contact Marsha Fleming N8FE at [n8fe@arrl.net](mailto:n8fe@arrl.net) if interested in taking the class.

Please share this info with anyone who might be interested in getting their license.

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)

## CONNECTING TRANSCEIVERS IN VEHICLES

### Affecting UK exams September 1, 2010

#### Change of Recommended Practice

Guidance for vehicle installation was originally contained in MPT1362 issued by the Radiocommunications Agency after consultation with industry. That role has now passed to the Federation of Communication Services and re-issued as the UK Code of Practice FCS1362.

[www.fcs.org.uk/my%20files/fcs\\_pdfs/codesofpractice/08-05-12%20fcs%201362%20final.pdf](http://www.fcs.org.uk/my%20files/fcs_pdfs/codesofpractice/08-05-12%20fcs%201362%20final.pdf)

There is a significant change in the guidance, section which will affect the Advanced examination and the Advanced course book.

The advice in MPT1362 and all copies of Advance! up to and including the 2009 reprint was to connect the transceiver directly to the vehicle battery with appropriate fuses in both the positive and negative leads. Often there is an incidental DC route from the vehicle chassis via the antenna mount, coaxial cable outer, rig and negative power lead to the battery terminal. Some vehicle load current will take that route and if the battery negative to chassis strap fails then all vehicle loads including starting current (100A plus) could. Clearly a fire risk especially for the super thin coax intended to fit round a door or boot seal.

#### New advice.

The new guidance is to connect the transceiver **negative directly to the vehicle chassis and no fuse in the negative.** (Assumes negative earth.) The **positive lead should still be fused and connected to the battery** or in accordance with the vehicle manufactures specific recommendation.

Remember that transceivers should be specified for vehicle use and the manufacturer's guidance on RF power limits, antenna placement and DC supplies must be followed. Failure to do so might affect your insurance cover and questions on this point must be directed to your insurance provider.

#### Effect on Examinations

Vehicle installations are covered in the Advanced

specification, syllabus item 9c1. It is proposed to edit relevant questions shortly. Candidates may be asked questions to the new guidance from

**1 September 2010 onwards.** The old practice of a fused negative to the battery will not be used as a distracter, but from 1 September an unfused negative to the battery will be a legitimate wrong answer since that has always been wrong.

## V 4 8 M ' S N E W M G R

Received a QSL this week from W2OX manager for V48M with an attached note:

We apologize for the delay in QSL response. K2SB has been our QSL mgr for 20 years & over 220,000 QSOs. He has been ill lately and has not responded in a timely fashion. Please note that the QSL mgr will be

A. Aimette, W2OX

PO Box 64436

Souderton, PA 18964

PLEASE LET OTHER RADIO CONTESTERS & RADIO AMATEURS KNOW OF THIS CHANGE!!! IF you have not received your QSL by 1 January 2011 (esp by Bureau route), let us know the details (no\$) by mail or [w2ox@verizon.net](mailto:w2ox@verizon.net)

73 de Joe Miller, KJ80

## F C C R U L E C H A N G E

### FCC: New Rules for Employee Participation in Drills Begin September 3

Beginning September 3, the new, revised wording of Section 97.113 goes into effect. As of this date, the FCC will permit government entities that sponsor disaster and emergency drills to hold these drills without applying for a waiver. Additionally, employees who wish to participate in non-government-sponsored drills and exercises may do so under certain conditions. Part 97 is the portion of the Commission's rules that govern the Amateur Radio Service. Read more at <http://www.arrl.org/news/fcc-modifies-amateur-rules-to-allow-participation-in-disaster-and-emergency-drills-on-behalf-of-an-e>

## N8FH TRAVELING WAVES

### By Steve Gladstein N8FH

My August vacation included a stop at a Pennsylvania Bed & Breakfast and the Antique Wireless Association's Annual Conference near Rochester NY.

#### When good trains go bad & bad radios get better!

I started the trip with the usual detour to the Tunnel Inn Bed & Breakfast in Gallitzin PA. The Tunnel Inn is located about 35 feet from Norfolk Southern Railroad's mainline over the Allegheny mountains, 6 miles from world-famous Horseshoe Curve, 200 feet West of the Allegheny tunnel portal, and about a half mile from the summit.

Rail fans congregate on the covered deck and wait for passing trains to spark conversation about locomotives and train lore. Between trains, the guests discuss sports and politics, and solve the world's problems. A wood-burning stove keeps us warm on cool evenings. Our pizzas had just been delivered to the deck as we settled down to an evening of train watching.

Most trains are pulled by 2-3 locomotives, plus a pair pushing on the back (called "helpers") on the uphill portion. One of the passing trains had an unusually high 5 locomotives, including one from MBTA (Massachusetts Bay Transit Authority), which is not nearby. We speculated that it had either been sold to another railroad, or was heading back to its manufacture for a major rebuild.

As soon as the train passed us, it began braking rapidly. Mike, the Tunnel Inn owner, speculated that a train stopping that fast must be in Emergency Brake mode. About 30 seconds after it stopped, we heard the train's engineer through both my ICOM T-90 handheld transceiver and Mike's scanner, which were set to the railroad's frequency. "Dispatch, we have an emergency". No reply from the dispatch. The engineer repeated his cry. "Dispatch, we have an emergency, if anyone cares." After a few minutes the dispatcher finally replied and asked the nature of the emergency.

"The train went into emergency braking as soon as we applied the dynamic brake. The conductor is now walking the train to check for derailed wheels or kinked air brake hoses," the engineer replied." Both the engineer and dispatcher wondered if the rear of the train had cleared the tunnel. Those of us on the deck of the Tunnel Inn knew the

answer was yes, but we had no way to tell them.

Eventually, we saw the conductor appear at the back of the train, and report that he found nothing wrong via his handheld radio. The engineer relayed this to the dispatcher. "OK, have him check for cargo shipping containers in the ditch", said the dispatcher, who by this time, I pictured as a twenty-something blonde. The dispatcher mentioned she was sending a couple of helper engines along side the stricken train to check for problems. The dispatcher gave the helpers an order to head west on track 2 and come along side the stricken train, "but don't hit the conductor, who is walking back to the engine", she helpfully added.

The helpers eventually came out of the tunnel, and went along side of the stricken train. They also gave the conductor a ride back to the locomotives. The crew figured out the train would come out of emergency braking if they disabled dynamic braking and relied on traditional air-brakes. Dynamic braking uses the locomotive's electric motors as generators, directing the resulting electrical energy into massive resistors on the roof. This saves wear on the wheels and brake pads. The crew concluded the MTBA locomotive was the problem, and cursed it.

Without radios, we wouldn't have had any idea what was going on. With our scanners, we could hear dispatch, the locomotive, and the conductor's HT.

Initially, Mike's scanner picked up the signals much better than my ICOM T-90, which surprised me. A quick look at the specifications for my T-90 gave me one hint. The sensitivity in the 2M ham band was .15µV. Outside the ham band in the railroad band, it was .4µV. I thought this was the main problem until Mike loaned me an antenna tuned for the railroad bands. My radio was now as sensitive as his. If you like listening to specific bands with a wideband radio, consider acquiring an antenna tuned for that band.

#### Meeting of the Minds - The AWA Conference

The conference opened Tuesday evening August 17 with a presentation by John Dilks, K2TQN. John writes the Vintage Radio column for QST. He discussed Don Mix, who was an amateur radio operator on the Macmillan Expedition to the North Pole in 1923. Not all of his assignments

## N8FH TRAVELING WAVES (CONT.)



Steve N8FH with John Dilks, K2TQN, author of the QST monthly "Old Radio" column (Photo taken in front of the flea market).

Ultrasonic Cleaner I showed during my last Heathkit presentation?

Friday's presentations included the world's longest underwater telegraphy cable, from British Columbia in Canada to New Zealand. Due to propagation delays, the cable was only capable of a few characters per minute until better receiving instruments became available.

The keynote speaker at the annual banquet was Carole Perry, W2MGP, who created a program to teach amateur radio to students. She

*(Continued from page 7)*

were radio related. He was required to hunt for food with the rest of the members. Walrus meat was a rare delicacy. Later that evening we were treated to an interesting Sci-Fi movie called Collasus: The Forbin Project. It was about a pair of computers, one US, the other Russian, who demanded to communicate with each other, or blow up the world.

Wednesday morning saw the beginning of the Larry Babcock auction, which continued into the evening. Larry had a large antique radio collection, and became a SK recently. It was estimated the auction brought in about \$80,000 for his family. Wednesday closed with a pizza party and live band.

The Flea Market opened at Thursday at 6am (gag!), and kept going until Saturday noon.

Tom Perrera, W1TP, MC'd the "Key & Telegraph Seminar" later that day. Tom is the man with the great telegraph key and Enigma machine display at Dayton every year. He is a retired professor, and a very entertaining speaker. Enigma machines were used by the German Navy to code submarine messages. Check out his extensive website at <http://tomperera.com/>

Archeologist Morgan Blanchard told us of the excavation of early Alaskan wireless sites. He tried explaining to students that the dates of the newspapers were archeologically important, therefore they must dig them out of the frozen latrine. For some reason, this didn't sound like fun to them.

Thursday evening concluded with the Moonlight Restoration Seminar. We learned about brass plating and ultrasonic cleaning. How many of you remember the Heathkit

also provided a very funny and entertaining video presented to her by NASA astronauts with some less-than-scientific experiments and bloopers taped on one of the space shuttle missions. Videos included astronauts playing with a yo-yo, and a paddle ball (yes, they do work in zero G!). Bloopers included what happens when an astronaut tries sleeping through an orbit-adjusting rocket burn, and eating various types of foods not intended for zero gravity.

I've left out many other events including an around-the-clock book fair, Ladies Luncheon, additional presentations, and an Old Equipment Contest. Consider attending this extraordinary event next year. It's held every August near Rochester NY. Check their website at

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



One of the contest entries in the amateur radio category. This is an 80 Meter Regen built from a 1933 QST article.

## F R E E P M A R A T H O N

ARO's have been helping the marathon for over 20 years and proven their value time and time again. Last year presented special challenges that were admirably handled by our volunteers. In fact, the situations were handled so well that the Marathon Committee has asked if we could find even more ARO's to place around the course to ensure the safety of our participants. Ideally we need at least 80 volunteers. FYI, the Boston Marathon uses over 250 operators.

*What:* Detroit Marathon consists of 2 separate race courses and one combined course. The 5 K fun run and the full Marathon. The Marathon course has 3 separate races held at the same time consisting of a 10 K race, a half Marathon of 13.1 Miles and a full Marathon of 26.2 Miles.

*Where:* The Detroit Free Press Marathon is run through the streets of Detroit, Michigan and Windsor, Ontario, Canada. This race is unique because it crosses an international border twice, it enters Canada using the Ambassador Bridge over the Detroit River and re-enters the United States using the Windsor - Detroit Tunnel under the Detroit River. The only certified UNDERWATER mile in the racing community.

*When:* Sunday, October 17, 2010 starting at 0713 hrs. Volunteers are asked to be in position by 0600.

*Why:* To help provide for the safety and fun of over 20,000 Marathon Runners. Many of the full Marathon runners are striving to qualify for the Boston Marathon which requires a certain time to be run for qualification.

*Who:* ANY licensed Amateur Radio Operator authorized to transmit in the US or Canada. You must supply your own, WORKING, 2 meter radio (handheld). We will supply a Hi Vis Ball Cap for identification and possibly other apparel (yours to keep).

*How:* Go to the Freep website - [WWW.FreepMarathon.Com](http://WWW.FreepMarathon.Com) and click the volunteer link. Scroll down to Sunday Volunteers and click the link for Radio operators along the course. You MUST include your call sign on the comments

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

**09/11/2010**

### GRAHamfest

Location: Wyoming, MI

Sponsor: Grand Rapids Amateur Radio Association

<http://www.grahamfest.org>

**09/19/2010**

Adrian Amateur Radio Club

38th Annual Hamfest and Computer Show

Event Starts at 8:00 AM

Talk-In: 145.370 - 85.4 pl

Tickets are \$5.00

Will be having VE Testing

More Information can be found at [WWW.W8TOE.com](http://WWW.W8TOE.com)

**10/16/2010**

### Great Lakeshore Super Swap

Location: Holland, MI

Sponsor: Holland ARC

<http://hollandarc.org>

section in order to be contacted. Also list any special considerations for your participation (medical problems, need to be near porta-potties, etc.)

*Special requests:* We have a need for approximately 10 bicycle mobile capable hams. These riders must be able to ride a 26.2 mile course, at an average pace of 12 MPH, without stopping. Riders must be able to use their radios while mobile. We prefer headsets with handlebar mounted PTT's. Helmets are Required and must be worn. Recumbent bikes while great are not an advantage during a Marathon. Recumbents too closely resemble the hand cycle (disabled) rider participants and so cannot be used.

Feel free to contact me at [KD8GVM@ARRL.Net](mailto:KD8GVM@ARRL.Net)

Or you can contact Shanon Herron at

[KA8SPW@ARRL.NET](mailto:KA8SPW@ARRL.NET)

Thank You

Kevin Gilday KD8GVM

Shanon Herron KA8SPW

Ham Radio Director/Net Control Chair

Detroit Free Press Marathon

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**2010 DATES**

- October 14
- 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?