

The Zero Beat

THIS MEETING

Nov. 12, 2008 7:30 P.M. (socializing begins at 7) Hoover Elementary 23720 Hoover Ave. Hazel Park 48030

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SURINAME PRESENTATION

Our Friends from SEMDXA Hank, K8DD and Stan, AC8W will share their experience during their trip to the Republic of Suriname for the 2008 ARRL DX CW contest this past February. They put on a great show so don't miss it.

Besides the presentation we will have our usual fun and friends socializing so hope to see you there and bring a friend. Map is on the last page.

PRESIDENT'S QRM

November already which means it's Sweepstakes month and the holiday season is almost here. We have also been seeing more openings on the ten and fifteen meter bands.

The December meeting will be the holiday party and John K8UP will be the chair. The board voted to provide pizza for the meeting. Everyone is also encouraged to bring something to show and tell, like a rig or something interesting.

This is November Sweepstakes month. This has been a club tradition. If you make 100 contacts the club buys you a sweepstakes pin. If you work 100 contacts in both the CW and SSB sweepstakes the clubs buys both pins. If you have a clean sweep the club will also buy you the mug. This year is the 75th running of the contest so the ARRL is also awarding a Clean Sweep whisk broom if you work all 80 ARRL/RAC Sections for a clean sweep.

The pins and cups are awarded at our annual banquet. So, when you complete the contest(s) turn in a copy of your cover sheet to Dave. K8TRF our Second Vice

President and he will see that you receive your awards. Make sure your application lists Hazel Park ARC as your ARRL affiliated club.

Yes, the November Sweepstakes is a contest. Why would you participate? Well besides the glorious awards, it is a good introduction to contesting. If you don't have your Worked All States or 5 band Worked All States award, this is a good way to contact the states you need. It is a very good way to work all the states in a single weekend. Contesting improves our operating skills. You also learn something about radio propagation. The contest is fun because everyone wants to work you for the points. Some operator's just work the contest for the States and Canadian provinces they need. Some work the contest to see how many points they can get or to see if they can better their own score from last year. It's a good way to compare your station to others. If you work the CW contest in addition to working states you need, you will find that your CW speed will also increase.

(Continued on page 2)

OFFICERS & VOLUNTEERS

- **President**: Murray Scott KE8UM@arrl.net
- 1st VP: Jim Poehlman K8ABZ@arrl.net 248-398-0086
- 2nd VP: Dave K8TRF 248 280-0385 k8trf@arrl.net
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- Technical Coordinator: Murray Scott KE8UM@arrl.net
- VE Testing: Dee Flint N8UZE <u>n8uze@arrl.net</u>
- Contest Mentors:
 Mike WD8S
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 Gerry K8GT
 k8gt@arrl.net
- Sunday Net: Bill Ketel N8QVS 248-544-2452 wketel2@wowway.com
- Jackets/Shirts: Terrill K8MAR 248 528-3624
- 50/50 & Donuts: Rey Bora
- Field Day:
- Banquet:

NETS

Oakland County Amateur Radio Public Service Corp (ARPSC)

Every Thursday @ 8 pm on 146.900 MHZ/100pl. Hospital Radio Net on <u>last</u> Thursday of each month during the net. (W80AK-3 will run packet on 147.56 MHz for those wanting to practice and test their equipment) <u>www.qsl.net/w80ak</u>

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.

NTS Traffic Nets

the Southeast Michigan National Traffic System (NTS) net Normally held every night at 10:15 PM local time on 145.33. Net manager is Diane, WI8K.

Rocking Chair Net

You don't have to be confined to a rocking chair to check in! A friendly group meets on 145.630 MHz simplex (FM phone) at 8:00 PM local time, weekdays + some Saturdays. Net control is usually Bill, N8QVS, or Bill, KB8NIH, both of whom are located in Royal Oak.

Wolverine Net

The 75 Meter Wolverine Net meets on 3935 KHz (LSB phone) daily at 7:00 PM local time with pre-net starting at about 6:30 PM. The nets start a half hour earlier in winter. You can get details from Joe, K8JRE joecuchetti@comcast.net or Ed, W8EDE ed@ellisgen.com.

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!

QRM. . .

(Continued from page 1)

The CW Sweepstakes is the first full weekend of November (November 1-3, 2008). The Phone Sweepstakes is the third full weekend of November (November 15-17, 2008).

The projector has been received and was used at our last meeting. The board has come up with guidelines for its use and care. If you have been holding back wanting to do a presentation now is a good time to get started. It has also been suggested that members with special projects or interests comment on them and their progress at meetings, you could give a short progress report at every meeting. So if you are into satellite operation, ATV (amateur television), D-Star, Digital, DXpedition or any other interesting subject let us know so you can share it with the club.

Dave has another good program planned for the November meeting so you won't want to miss it. Everyone loved the last DXpedition program and this one should be no exception. Don't miss it.

See you at the meeting, Saturday morning breakfast and on the Sunday net. Keep having fun with your radios.

Murray, KE8UM

VOLUNTEERS NEEDED.

No experience required. On the job training offered.

Nomination Committee Chair — help find a slate for elections.

Banquet Chairman—plan the June Banquet. Previous chairman offers sage advise if needed.

Field Day Chairman—organize Field Day for last weekend in June. This is a major radio activity for the club. John K8UP is available to give you guidance.

HAZEL PARK AMATEUR RADIO CLUB,

MINUTES OF OCTOBER 2008 MEETING

Meeting Called to order at 7:32 PM by KE8UM. Present were officers KE8UM President, K8TRF 2nd Vice-President, KC8WPW Director, WD8S Parliamentarian, and XX members.

Speaker

7:36PM: Tom Hagen, NE9Y, gave a fine presentation about McMath-Hulbert Solar Observatory (MHO) and Radio. Tom states that MHO is looking for volunteers for various projects at the observatory and anyone interested should contact Dave K8TRF or Mike WD8S from HPARC.

8:13 - 8:37 PM: A coffee & donuts break

Minutes

Secretary W9NPI was not present, so minutes were not reviewed or approved per KE8UM. K8TRF acted as Secretary for this meeting.

Treasurer's Report

Treasurer K8UP was not present, so there was no treasurer's report.

VE Test Session

Dee N8UZE stated there were 4 candidates for VE testing. One went from no license to General Class; One upgraded from Tech to General; One upgraded from General to Extra; and Jerry W9NPI upgraded from Advanced to Extra. All achieved what they had hoped. Special congratulations go to Jerry W9NPI for his upgrade and successful completion of K8UP's Extra Class class.

Projector

The new projector was successfully used for the first time. We need to procure an extension cord and power strip for future operation as well as a good carrying case. Guidelines for use are being developed by the Board.

Reports

Sunday Night Net

KE8UM Called for Volunteers for the Sunday Night Net and directed interested members to the sign-up sheet. He cautioned those that are interested that they must have a 2M rig.

Coffee

KE8UM raised awareness of the donations for the donuts.

Ouestionnaire

KE8UM called for more members to complete and forward the Club Questionnaire so we can improve our Club Activities and Programming. Only 10 received thus far.

Licensing Classes

KC8WPW stated that a Technician class is coming up in Southfield Twp. in January, 2009. There may also be a class in Farmington Hills, but that is not firmed up yet.

Swap

WD8S encouraged members to take some flyers and ask electronic stores to display them.

50:50 Drawing

Jim AB8JR won the drawing. \$44 total was taken in and given to KE8UM in the Treasurer's absence.

Club Jackets

Terry, K8MAR needs to see K8UP for the club credit card.

New Member

Tony Goldof (sp?) submitted his Application and Dues. His membership to HPARC was approved by acclamation.

Prizes at Club Meetings

KE8UM advised that the prize drawing will be at the end of the regular meeting and before the formal conclusion of the meeting.

Upcoming Events

KE8UM mentioned the ARRL Michigan State Convention on Oct. 12, 2008 ant that WAS and DXCC cards could be checked there; USECA Swap on Oct. 26, 2008; and HPARC Swap January 18, 2009.

Fund Raising

KE8UM brought up the possibility of club members selling Metro Books as a means to raise funds for the club. There was not much positive reaction so the idea was tabled for the time being.

Free Press Marathon

KE8UM received an email seeking amateur radio participation in the upcoming Free Press Marathon. KA8SPW is in charge and interested members are to contact KE8UM for details.

Prize Drawing

Phil N8UUS won the 2M rig.

Programming

This was not mentioned. Hank K8DD and Stan AC8W will do a program on their recent DXpedition to Surinam.

(Continued on page 4)

MINUTES (CONT.)

(Continued from page 3)

Other

AA8OZ asked about club-owned Technician books. KC8WPW stated that he has two of them at home. Paul brought a guest and was apparently asking for his interest. \$26 was collected in the Coffee/Donuts donation jar and was given to KE8UM in the Treasurer's absence.

Adiournment

Move to adjourn: KE8UM; Second: *Passed Unanimously* Meeting was adjourned at 8:57 PM

Respectfully submitted, Dave Benham, K8TRF Interim Secretary, HPARC

ED N8HTT SK

November 1, 2008 marked the passing of the spirit of Ed Gassman, N8HTT. Ed was a member of MRRC, a sometimes contester and always great guy. He is survived by his wife Linda, their four children and their families.

Ed was an avid Honor Roll DXer and manager of the 8th area QSL bureau for many years. He played a major roll in developing the area packet cluster on 2 meters.

Ed was a career restaurant inspector for the City of Columbus health department. He had the distinction of inspecting the original Wendy's restaurant in downtown Columbus. In response to a question from Dave Thomas, Founder, about his opinion of the likely success of the enterprise Ed said he didn't think it would work. Mr. Thomas invited Ed to the tenth anniversary celebration and asked for an update of his opinion. They were great friends and developed a continuing relationship.

When Ed learned of his fatal illness he gave his towers and antennae to local hams who would put them to good use. They are up and running. He lives on.

TALK TO THE WORLD
via our IRLP node
Instructions at www.hparc.org
On the DART tab

EXAM FEE INCREASE

On November 6, The ARRL VEC announced that as of January 1, 2009, the fee to take an ARRL Volunteer Examiner (VE)-administered Amateur Radio license exam will increase by \$1, from \$14 to \$15. According to ARRL VEC Manager Maria Somma, AB1FM, ARRL VE teams may retain up to \$7 of this fee to directly reimburse their teams' out-of-pocket examination expenses; currently, VE teams keep \$6. This is the first time in four years that the examination fee has been adjusted.

Somma said that the FCC allows VECs to collect an examination reimbursement fee from each candidate who takes one or more exam elements. "VEs and VECs may be reimbursed by examinees for out-of-pocket expenses incurred in preparing, processing, administering or coordinating an examination for an amateur operator license (FCC Rule §97.527)," she said. "These exam fees help the VEC recover its costs of providing its services."

Somma said that every examinee at each ARRL coordinated examination session is charged the same fee in accordance with the annually established fee schedule: "Any person sitting for an exam, or having a new license or upgrade processed at a test sessions, must pay the exam fee applicable for the calendar year. The ARRL VEC's exam fee for calendar year 2009 is \$15. Each time a candidate pays one exam fee, they are entitled to take tests for Elements 2, 3 and 4 as needed, up to all three elements under the single exam fee. Each time an examinee retakes an exam element (assuming the VE Team has different exam design available), another exam fee is charged."

Collected exclusively to offset expenses that are directly incurred in administering the VE program, VE teams may elect to keep a prescribed portion of each exam fee. "All out-of-pocket reimbursable expenses shall be necessary and prudent, and must relate to the examination process in some way," Somma said. "VECs and VEs are expected to use good business judgment with respect to reimbursement amounts. The examination reimbursement fee cannot be used to offset non-session related costs and must be kept separate from other accounts."

CQ DX . . .

Listen

By: Dan KB6NU 2008/10/27 http://kb6nu.com/

Yogi Berra is reputed to have said, "You can observe a lot by just looking." Well, to paraphrase that wise old man, "You can hear a lot by just listening."

Let me give you an example. Sometimes, when I'm tuning around, I'll pick up a copy of QST or World Radio, that's lying on the desk. I was just doing that a minute ago and almost missed a DX QSO.

As I tuned to 7024, I heard WA3RLP calling CQ. He was kind of weak, and I almost continued tuning around, but for some reason, I decided to leave it right there. The station didn't get a reply to his CQ, so he started again. This time, I really listened and got a surprise. It wasn't WA3RLP at all. Instead it was RA3RLP! I had to call him a couple of times, but he stuck with me and we had a nice QSO.

So, the moral of the story, I guess, is to put down the magazine and really listen to what's on the radio. Who knows what I've been missing all these years. You can really hear a lot if you just listen.

Propagation info available

For information concerning radio propagation, see the ARRL Technical Information Service web page at, http://www.arrl.org/tis/info/propagation.html.

For a detailed explanation of the numbers used in this bulletin, see http://www.arrl.org/tis/info/k9la-prop.html.

An archive of past propagation bulletins is at http://www.arrl.org/w1aw/prop/.

Monthly propagation charts between four USA regions and twelve overseas locations are at http://www.arrl.org/qst/propcharts/.

VK finally opened up

Propagation has been so bad for so long that I thought I'd never make it a contact to VKland. Suddenly today while tuning around I heard 3 Aussies. The pileups were overwhelming on my end. I can imagine what they were for them. I only was able to get through to Rick VK2ZF in Berry NSW. That is just west of Sidney. Turns out he is originally from Florida. It's great to make a new friend and he said when John and I go back to OZ to stop on by visit and that sounds like a great plan. Marsha N8FE

CONTEST CORNER

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

November 2008

	6	Thu	10 meter NAC - CW/SSB/FM/Digi
	8-9	Sat	Worked All Europe DX-Contest - RTTY
	8-9	Sat	Japan International DX Contest - Phone
	8-9	Sat	OK/OM DX Contest - CW
	8-9	Sat	Kentucky QSO Party - CW/SSB
	8-10	Sat	CQ-WE Contest - All
	15-17	Sat	ARRL Sweepstakes - SSB
	15-16	Sat	RSGB 1.8 MHz Contest - CW
	19	Wed	MOON Contest - CW/Digi/SSB
	20	Thu	NAQCC Straight Key/Bug Sprint - CW
	21	Fri	YO International PSK31 Contest - PSK31
	22-23	Sat	ARRL International EME Competition - All
	22-23	Sat	LZ DX Contest - CW/SSB
	29-30	Sat	CQ WW DX Contest - CW

ARRL Sweepstakes SSB

The great thing about Sweepstakes is that you can enjoy working other US and Canadian hams at whatever pace you feel comfortable. This is a contest and you will hear true contesters on the air. However, if you are not a contester but want to just get on and see who you can get for an hour or so, then go for it!

One of the popular techniques is "Search and pounce". This will not give you many contacts but if you are looking for particular states, then you might get them. The problem with this technique is that you could spend a lot of time in the chair and only get a few states.

However if you "run" by calling CQ and just racking up the contacts, you'll be surprised how many states you'll get and you may get that state you were looking for.

If you are looking for a state on a particular band, then make sure to be on during that band opening. And remember just because you don't hear anyone on 10 or 15 that band could still be open.

If you don't have HF gear then find a buddy and work together. John and I will be on as N8FE and hope to work you.

Marsha N8FE

"DITTERS" ON 40 METERS

Silent since the summer of 2000, "ditters" have been heard once again

http://www.arrl.org/news/stories/2000/07/28/2/ on 40 meters by hams in North Carolina. According to ARRL Field and Regulatory Correspondent Chuck Skolaut, K0BOG, hams in that state contacted him on October 22 complaining of hearing a continuous string of "dits" on 7.0574 MHz. "We informed the FCC HFDFing station of the situation and asked if they could locate the approximate area of the 'dits' so we could get this resolved as soon as possible," Skolaut said. "They responded promptly and said it was coming from Westerville, a town just north of Columbus, Ohio."

laut called on ARRL Ohio Section Official Observer Coordinator Rick Swain, KK80 for assistance. Swain immediately alerted his team of Official Observers (OO) to check out the situation. "Neither I nor the OOs could hear the transmitter," Swain said in his report. "In a telephone conversation with one of the OOs near the target area, he suddenly stated that he could hear it, but that the signal was at the noise level, about S2 to S3. At just about the same time, I could hear it as well at my location [about 50 miles from the target area] – just above the noise level

Once the general location had been pinpointed, Sko-

Swain also placed a call to Assistant Section Manager Bill Carpenter, AA8EY. "Bill lives within the target area. I briefed him on the situation and he went right to his station," Swain said. "Bill checked the frequency and told me he was hearing [the 'dits'] at about S9. He said he thought he might know who it could be and that would make some calls."

- for about five or ten seconds, then it disappeared."

Around 7:30 AM on October 23, Swain checked the frequency and found no signal. "I assumed that either Bill had found the transmitter or the owner came home, found it transmitting and turned it off," he said.

"Later that morning, Bill sent me an e-mail saying that the signal was back on and about S7. I called Bill's house and left a message telling him I was on my way to Westerville to track down the signal. If he wanted to ride along with me while I looked for it, he was more than welcome to come." Skolaut said the signal was also heard in Newington that day.

When Swain arrived in Westerville, he had a list of the

names and addresses of 172 licensees in the area, as well as a general idea of where the signal should be, based on the data from the FCC's HFDFing station. He also had his HF radio, an all-band screwdriver antenna, a GPS receiver and a VHF radio for information and directions.

"I drove around the area checking the signal and noted that it was about S9 and climbing," Swain said. He and Carpenter met up and continued the search together. About 15 minutes later – with Swain driving and Carpenter giving directions – "we noted that the signal was 30 over S9 and Bill had me make a left turn at the next street, saying that there was an address on the list we should check out. We stopped at that address, but no luck."

Swain said he then injected 30 dB of attenuation and continued to drive in the same direction: "The signal was now reading 20 dB over S9 with the attenuator still on. We turned down the next street and the signal rose another 20 dB. I pulled into a parking lot and made a 360-degree turn as to determine the signal's direction. The turn indicated that we should proceed to a newly constructed housing area adjacent to the parking lot."

Swain and Carpenter then made their way over to the housing development and found that signal peaked. "Bill checked the list and found a ham lived on the street we were on, so we stopped and knocked on the door, but no one answered," Swain said. "We checked out the backyard and saw a 4-band trapped vertical antenna. We went next door and spoke to the neighbor and told him who we were and what we were trying to do."

With help from the neighbor, Swain contacted the ham at work and explained the situation. The ham told the neighbor how to get in the house and where they would find the transmitter. "We went in, found the transmitter in operation and turned it off," Swain said. "I noticed the ham had a large cat lounging near the transmitter and assumed the cat could have leaned up against the keyer paddle and started the transmitter. No other explanation could be possible without the owner hearing the transmit relay clicking."

When Swain and Carpenter left the house, they listened to the receiver and discovered the signal had disappeared.

"This was a great example of coordinated cooperation by

WINTER WIAW SCHEDULE

Morning Schedule:

Time Mode Days

1400 UTC (9 AM ET) CWs Wed, Fri

1400 UTC (9 AM ET) CWf Tue, Thu

Afternoon/Evening Schedule:

2100 UTC (4 PM ET) CWf Mon, Wed, Fri 2100 " **CWs** Tue, Thu 2200 " (5 PM ET) CWb Daily 2300 " (6 PM ET) RTTY Daily 0000 " (7 PM ET) CWs Mon, Wed, Fri 0000 " CWf Tue, Thu 0100 " (8 PM ET) CWb Daily 0200 " (9 PM ET) RTTY Daily 0245 " (9:45 PM ET) VOICE Daily 0300 " (10 PM ET) CWf Mon, Wed, Fri 0300 " CWs Tue. Thu 0400 " (11 PM ET) CWb Daily

Frequencies (MHz)

CW: 1.8175 3.5815 7.0475 14.0475 18.0975 21.0675 28.0675 147.555

RTTY: 3.5975 7.095 14.095 18.1025 21.095 28.095 147.555

VOICE: 1.855 3.990 7.290 14.290 18.160 21.390 28.590 147.555

Notes:

CWs = Morse Code practice (slow) = 5, 7.5, 10, 13 and 15 WPM

CWf = Morse Code practice (fast) = 35, 30, 25, 20, 15, 13 and 10 WPM

CWb = Morse Code Bulletins = 18 WPM CW frequencies include code practices, Qualifying Runs and CW bulletins.

RTTY = Teleprinter Bulletins = BAUDOT (45.45 baud) and AMTOR-FEC (100 Baud). ASCII (110 Baud) is sent only as time allows.

Code practice texts are from QST, and the source of each practice is given at the beginning of each practice and at the beginning of alternate speeds.

On Tuesdays and Fridays at 2330 UTC (6:30 PM ET),

Keplerian Elements for active amateur satellites are sent on the regular teleprinter frequencies.

A DX bulletin replaces or is added to the regular bulletins between 0100 UTC (8 PM ET) Thursdays and 0100 UTC (8 PM ET) Fridays.

In a communications emergency, monitor W1AW for special bulletins as follows: Voice on the hour, Teleprinter at 15 minutes past the hour, and CW on the half hour.

The W1AW Operating Schedule may also be found on page 100 in the November 2008 issue of QST or on the web at, http://www.arrl.org/w1aw.html.

FREE TECH CLASS

HPARC will be offering a **Technician License class at the Southfield Township offices** located on 13 mile west of
Southfield. The class will **start in January 2009** time and
date will follow. The test will be conducted on the last class
night. **The only cost for the class is for the study manual.**Students can buy the manual from the instructors the first
class night. The class will be **taught by Jeff, N8WR, and Rich, KC8WPW.** If you know anyone please have them contact us. Morse Code is not required.

To register contact:

Jeff at N8WR@arrl.net or Rich at KC8WPW@arrl.net

NEW ONLINE TEST

Dan KB8NU wrote an article on his blog by Hamilton KD0FNR about a ham who has an online test practice for all levels. Thank you Dan for sharing this site.

One of the features that I agree is so cool, is that when you get a question wrong, you are offered the option to go to a link to where you can read about the subject.

Another is that you can chart the sections that you need help in so you can concentrate on them. What a great way to learn as you hone your test taking skills. The site is http://copaseticflow.blogspot.com/2003/03/amateur-radio-pages.html

HAZEL PARK AMATEUR RADIO CLUB, P.O. BOX 368, HAZEL PARK, MI 48030 www.hparc.org

AROUND TOWN . . .

7 Dec 2008 L'Anse Creuse Amateur Radio Club Swap

http://www.n8lc.org

Talk-In: 147.08 +600 (PL 100) Contact: Marty Folz, K8HVI

40360 Ryan Road

Sterling Heights, MI 48310
Phone: 586-268-0544
Email: k8hvi@arrl.net
L'Anse Creuse High School
38495 L'Anse Creuse Street

Mount Clemens, MI

18 Jan 2009 43rd Annual Hamfest

Hazel Park Amateur Radio Club

http://www.hparc.org

Talk-In: 146.640 (PL 100)

Contact: Mike Van Buren, WD8S

PO Box 368

Hazel Park, MI 48030

Phone: 248-399-7970 Email: wd8s@comcast.net

Hazel Park High School

Hazel Park, MI

WEBMASTER NEEDED

ATTENTION:

WEBMASTERS AND BLOGGERS

HPARC is looking for someone to take over the Webmaster position. The job requires basic knowledge of blogging and/or building web sites. A plus would be general HTML coding. Excellent grammar skills a must. Previous web building experience a plus.

Candidate would work with the Board, Zero Beat editor and PIO to make sure that web site is up-to-date.

Position is appointed by the club President Murray Scott KE8UM. If interested, email him at KE8UM@arrl.net

FISH AWARD #1 K5FF

The first Fred Fish Memorial Award (FFMA) plaque has been awarded posthumously to Fred Fish, W5FF (SK) The award was presented by West Gulf Division Director Coy Day, N5OK, to Fish's widow Lee Fish, K5FF, at the ARRL Forum at the Texoma Hamorama in Ardmore, Oklahoma on October 25.

The FFMA was created to honor Fred Fish, W5FF, a legendary VHF+ operator who became the first amateur to work and confirm all 488 Maidenhead grid squares on 6 meters in the 48 contiguous United States. According to ARRL Contest Branch Manager Sean Kutzko, KX9X, plaques bearing Fred Fish's likeness will be awarded to any amateur who can repeat Fred's accomplishment.

Several members of the Central States VHF Society (CSVHFS) were present for the ceremony; Fred and Lee were members of CSVHFS for many years.

"Lee was visibly moved when she saw the photo of her late husband on the plaque bearing his name," Kutzko said, "and her voice broke as she spoke out loud, realizing that 'when award number 2099 is presented, Fred's picture will still be on the plaque.' Lee also thanked the ARRL and the Amateur Radio community for recognizing her husband's contributions to Amateur Radio."

Both Lee and Fred were very active on the VHF bands, and earned Worked All States (WAS)

http://www.arrl.org/awards/was/ on 6 and 2 meters, as well as 222 and 432 MHz. Lee was the first person to get

well as 222 and 432 MHz. Lee was the first person to get DXCC on 6 meters; Fred was the second. Kutzko said that the couple is remembered as generous with their time to VHF newcomers.

More information on the Fred Fish Memorial Award, as well as other ARRL operating awards, can be found on the ARRL Awards Program portion of the ARRL Web site http://www.arrl.org/awards/.

FIELD DAY 2008 RESULTS

HPAC came in 28th out of all 3A operations. For overall score we were 169th. Had 1710 QSOs with a final scored of 5676. Total operators were 25 for the 3 radios and/or GOTA station.

NOVEMBER 2008 ZERO BEAT

Mark Your Calend

2008-9 DATES

December 10
January 14
February 11
March 11
April 8
May 13
June 10

TIME

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

PLACE

Hoover Elementary 23720 Hoover Ave. Hazel Park 48030



Locations: 1- Meeting 2- Swap 3- Picnic



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



We're on the Web

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

FIRST CLASS MAIL — Dated Material