



The Zero Beat

General Meeting

Hoover Elementary 23720 Hoover Ave., Hazel Park, MI 48030

Our next general meeting is Wednesday, February 8, at 7:30 PM. . (socializing begins at 7) Our speaker will be Wes Faler, who is building a small satellite called Fluid & Reason Engine Test Satellite 1 or FRETSS1. According to Wes:

FRETSS1 is a TubeSat-style picosatellite flying in Summer 2012 at 310km altitude in a sun synchronous orbit. Its mission: test a new kind of ion engine, one designed for higher thrust and lower power than traditional designs. In this presentation, we'll show off the satellite under construction and discuss the mission, technologies, challenges, and opportunities for amateur radio tie ins. Wes will be bringing the satellite to the meeting, and is hoping to brainstorm features that might be added to the satellite before launch. Check out the FRETSS1 website at <http://frets1.wordpress.com/>.

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

Anyone wishing to join the club please go to the website www.hparc.org Fill out the membership form. Print it and bring it to the meeting with your dues.

President's QRM

It's February already and I have only had to use my snow shovel once this winter so far. Four more weeks it will be March and we can go fly a kite, with an antenna wire attached of course. It will be field day time before we know it. I wonder if we will have a 5/8 wave vertical antenna on 75 meters again?? It sure was fun that year.

Now is the time to start thinking about elections. I think four years as president is long enough. We need different people with fresh ideas. It's time to volunteer for the nominating committee; maybe I'll join it so I can't be reelected. The June Banquet will be here soon. This year we will sell tickets in advance and not at the door so buy them early as we have to pay for a minimum amount of plates.

The swap was a success this year with the tickets sold at least 200 over last year. Most were happy and said they would return next year. A big thank you is in order again to Walt, KD8LWC who managed it this year and his assistant Bernie, W8NBC who will take over next year. A big thank you also goes out to all the volunteers who helped make it a success.

I am writing this tired as I stayed up late last night working the CQ 160 meter contest. I used a different antenna this year and had better results including some DX. I will make more 160 meter antenna improvements this summer for next winter. Yes you can do it on a city lot. After 50 years as a ham I'm still learning and finding new things to do. So why don't you jump into some contests? Contests let you hone your operating skills and they are an easy way to obtain contacts you need. The serious contesters want your contacts. You don't need a lot of power or super antennas, you can still have fun.

Has anyone seen or built any of the new Heathkits yet? Have you built any other kits from other suppliers, if so bring them to the meetings and show them off? In fact bring anything radio related. If the XYL has or is getting her license bring her too!

If you have awards bring them to the meetings and show them off. Let people see them as this will increase interest.

Let's hear you on the HPARC net Sunday at 9PM at 146.640 MHz, The DART repeater.

Turn on those radios and make contacts, have fun!

Promote Ham Radio!

73

Murray, KE8UM

HPARC OFFICERS & VOLUNTEERS

HPARC OFFICERS

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 First Vice President: Jim [K8ABZ](#)
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*For a Club Roster please e-mail Jim [K8ABZ](#)

VOLUNTEERS

Public Information Officer: Jerry [W9NPI](#)
 Webmaster: Larry [K8MU](#)
 VUCC/WAS Awards Manager: Sean [K8KHZ](#)

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 Siren Testing Subnet: Marsha [N8FE](#)
 MS Walk: Phil [AA8KR](#)
 Oak Apple Run Royal Oak: Mike [WD8S](#)
 March of Dimes Walk: Jim [K8ABZ](#)
 Education Coordinator: Ron [WD8MNX](#)
 Field Day Chairman: John [AA8UU](#)

NETS

HPARC Sunday Night 2-meter FM 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.

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.

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

NTS Traffic Nets

The Southeast Michigan National Traffic System (NTS) net normally held every night at 10:15 PM local time on 146.76 MHz Repeater. New people are welcome.

SARS Tuesday Night Net

Southfield Emergency Management ARES group holds a weekly net every Tuesday night at 8 pm on 146.640 MHz (the DART repeater). All amateur radio operators are welcome. If you have traffic to pass but cannot make the 10:15 pm SEMTN net, you can check into this net and someone will get it passed to SEMTN.

02/19/2012

Sponsor: Livonia Amateur Radio Club

Location: Livonia Civic Park Seniors Center, 15218 Farmington Road , Livonia, MI

Website: <http://www.livoniaarc.com/Swap.htm> **Talk-In:** 145.35 (PL100) or 146.52Simp

Public Contact: Michael Rudzki , N8MR Phone: 734-941-5043 **Email:** k8uns@arrl.net

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



This is an early 1970's photo of the top of the WLDM tower showing the original "8 bay" Wincharger horizontal antenna, it's main and only antenna until 1961. Below that you see the "newer" Jampro 16 bay horizontal antenna which was put up in 1961, and Jampro 12 bay vertical antenna which was added in 1966. Mounted to the Wincharger is the receive antenna for the Detroit Area Repeater Team (DART) VHF repeater. The DART transmit antenna was mounted on the WEXL-AM/WOMC-FM tower in Ferndale. Several miles east of WLDM. A leased phone line linked the repeater sites. Proceeding down the hallway left past the utility room was the ladies room, and at the end of the hallway in the southeast corner of the building was the men's room. In the men's room sat an amateur radio (ham) repeater owned and operated by the Detroit Area Repeater Team (DART) who leased antenna space on the WLDM tower.

