

ZERO BEAT

HAZEL PARK AMATEUR RADIO CLUB NEWSLETTER

MARCH ISSUE

FEBRUARY 28, 1994

Club Officers

President : Don - AA8EG
Vice President : Phil - AA8KR
Secretary : Paula - KB8OEK
Treasurer : Dave - K8TRF
Parliamentarian : Jerry - N8UUF
Board Member : Frank - AA8JN
Board Member : Steve - KF8KS

The Prez Sez:

It looks like the SAREX project with Ealy School is still on track. The project is growing by leaps and bounds so any additional help would be appreciated. The launch is scheduled for April 7. We don't know the exact date and time yet, but I'll try to keep you informed.

In keeping with that, I'm looking forward to the March 9th meeting where the presentation will be on satellite communications. The fellows giving it, John & Steve are knowledgeable and experienced in this field.

Thinking back to when I first got licensed in 1957, we didn't have satellites, or transistor rigs, or solid state rectifiers. Heck, even the diode detector in my receiver was a tube! A computer was a collection of 6 foot racks filling a 100,000 square foot building. It's better now!

73's
de AA8EG -Don

FEBRUARY MEETING MINUTES

Began 7:43 p.m.
Introductions.

Program on lightning by Bill N8WHD.
Intermission 8:30 p.m.
Resume 8:49.
Motion made by N8UUF to accept the

minutes into the meeting. 2nd by K8DZT. Passed. Motion made by WD8R to accept the Treasurer's report in the meeting. 2nd by KE8QT. Passed. Motion made to accept the new budget as printed by K8DZT. 2nd by N8UUF. Passed.

Mike, WD8S, presented what the major changes were in the by-laws. If you would like a copy, please contact Mike. It will be voted on at the March meeting.

Jackets are still being sold. If you would like one, contact Mike, WD8S.

Phil AA8KR has an over abundance of coax available to him. If you would be interested in getting some, please contact him.

Motion made to adjourn by K8DZT. 2nd by N8UUS. Passed.

Adjourn 9:07 p.m.

FROM THE LAB...

Antenna Notes

With Spring just around the corner, our thoughts turn to antennas, their design and installation.

We at the lab have been working on more cost effective antenna designs.

We feel that "hard drawn" or "copper clad" antenna wire is far too expensive. We feel that regular copper household wire is fine. It has the additional benefit of stretching. The longer the antenna is up, the lower its resonant frequency. Hopefully, you will be ready to upgrade by the time it's resonant in the Extra portion of the band.

Transmission line is another area of high costs. The cheapest coax will cost 15-20 cents per foot. We favor zip cord which is readily available at the local hardware for a fraction of that cost. Instead of a shield and

a puny 20 gauge center conductor, you get two hefty 14 gauge conductors. The impedance is a little strange, but that's what they make tuners for.

In regard to dielectric losses, you should still be able to get 5 or 6 watts to your antenna. If you run full legal power, you will be able to get 75-90 watts to the antenna and the transmission line will be self de-icing.

Installation of dipoles is critical. Try to pick dead branches in the trees. Less moisture=less loss. Don't worry if the branch will support your weight. The branch will let you know. If, indeed, you hear a loud "CRAACK", scream on the way down. It could make you a lot of money on "America's Funniest Videos".

When installing verticals, don't put in a radical system. They're messy, expensive and don't seem to do much. Plus, there's nothing worse than trying to extricate on 80 meter radial from the blade of a rotary mower.

73
The ol' Lid
Porky Conekshun

CONSTITUTION - BYLAWS

At the February meeting the bylaws committee presented the re-worked of the Constitution and Bylaws and made it available, in writing, to the membership. At the March meeting there will be a vote on the proposed re-work. Thanks to the help of Frank NR8D, Phil N8UUS and the Board of the Hazel Park Amateur Radio Club.

Mike Van Buren WD8S

JACKETS----JACKETS-----JACKETS

Hazel Park A.R. C. will pay \$10.00 towards the total price of the club jacket.

Jackets are available in a Quilt lining or aannel lining. Average cost, with your name and call on the jacket, is \$37.00 and the club pays \$10.00 of that. Larger sizes are more. If interested in a jacket, see Mike WD8S at the March meeting to place your order.

The following is a letter received from the National Multiple Sclerosis Society dated February 16, 1994.---

Dear Amateur Radio Operator:

Thank you for your past support of the MS Society and our various fund raising events. Your knowledge, skill and enthusiasm helped make every event safe, successful and fun.

Again this year we are recruiting HAMS for the MS Walk for Multiple Sclerosis to be held in Metro Detroit on Sunday April 10, 1994. We have four routes this year, Birmingham, Grosse Pointe, Dearborn and Monroe. There are openings on all four routes and we need approximately 20 operators per route.

If you would like to help out, please contact Millie Conway at the MS Society at (810) 350-0020 ext. 218.

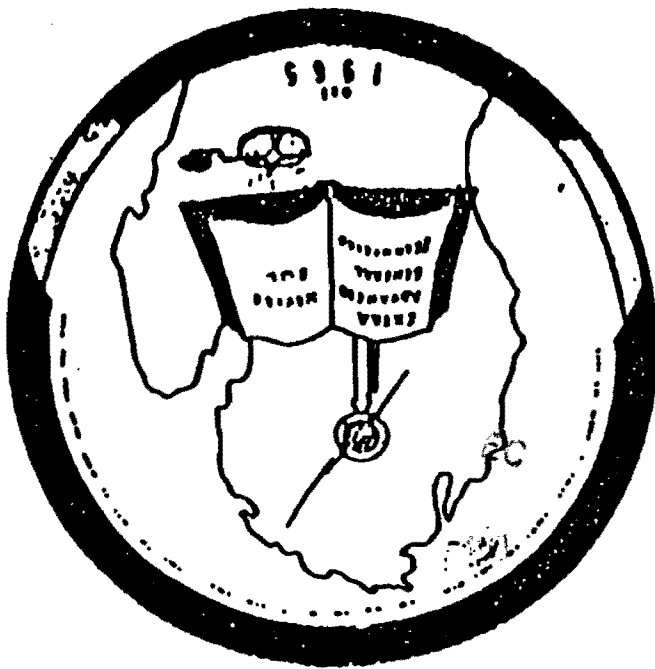
We are looking forward to a great event and to sharing it with you.

P.S. I am seeking a coordinator for Birmingham. Please call Mollie Conway if you can be of assistance in this area.

Sincerely,
Mollie Conway
Campaign Manager

MARCH 9TH MEETING

Don't forget the next meeting. It is Wednesday, March 9th at 7:30 pm. There will be a vote on the proposed changes to the constitution and bylaws of the club. Also the program on satellite communications sounds very interesting. Hope to see you all at this meeting.



OXFBM



The Hazel Park A.R.C.
P.O. Box 368
Hazel Park, MI 48030

