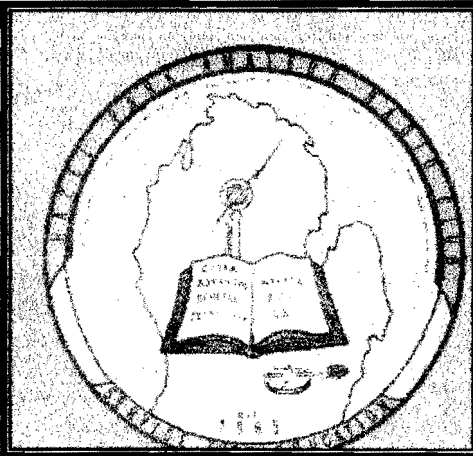


The Zero Beat



The President's Monthly QRM

It is official: the 2001 Hazel Park Swap and Shop will be on January 21, 2001. I like the sound of the year 2001 as opposed to the year of 2000. It just seems to sound better. Last month, we talked about this year's upcoming JOTA on October 21. It will be at Camp Rotary, which is on 29 Mile Road west of North Avenue. In the past, there has been a lot of activity coupled with a lot of fun. This year should be a lot of fun, too. If you can come, see Tom N8TMQ- he is heading up this activity. Oh! Free food will be provided.

November is Sweepstakes month. As in the past, the club will pay for pins and cups for those who earn them. Look in *QST* or on the ARRL Internet site for the details. You must submit you logs on disk or on the Internet. Logs must be in the proper format, or they won't be counted. You will also need to give the club a summary sheet so we can get your cups and pins. Please note that if two or more hams work together, we will get pins and cups for all.

Remember that you can work together on the highest license class held within your group. So you Techs that want to work sweepstakes, find someone with a General or better to team up with. This will get you a good taste of the low bands.

Last testing secession Tony KB8RCB upgraded to General and Don W8PDI upgraded to Extra. That's a start for possible team members. Josh Winter, the young fellow at the last meeting, got his Tech as KC8PMQ. So did Henry Silvino, KC8PMP. They may be looking for someone to work with.

October, 2000

This month's topic will be on radio control and amateur radio frequencies. This disappointed Murray, as he wanted to do his hand puppets. If you have any ideas about speakers, please let us know.

Tom, KC8MCO wants to make a good impression as the donut man. He said there may be something different this time. You will have to come to the meeting to find out. Remember, be there and bring a friend.

73 de Phil AA8KR

Meeting Minutes September 13, 2000

Meeting called to order at 7:35 PM by Phil, AA8KR. Introductions were made including the President's lovely Daughter, N8WIQ. Fifty two members registered for the ARRL door prize which was won by John, KD1IX.

The featured speaker was George Race, WB8BGY, our ARRL Division Director, who spoke about what's new at the League. Two major topics were presented. The first was Amateur Radio Education Project (AREP) a.k.a. "The Big Project". The goal is to put ham radio into 600 middle schools across the country in three years. Second was the National Certification Program. This program will enable amateurs to earn credentials in emergency communications. Future certificate programs will be developed in topic areas such as equipment repair, CW, and others. George encouraged those interested to visit <http://www.arrl.org> for more information.

The donut ceremony was held from 8:30 to 9:05 PM. We were favored by and unanimously accepted an exemplary treasurer's report from Bruck, AB8CI.

Other topics discussed in the business meeting were:

- HPARC Swap moved to January 21, 2001, the fourth Sunday
- The Sunday night net, 9:00 PM on the DART, needs more participation
- Don't forget the CW net Tuesday nights at 8:00 PM on 28.128 MHz
- The October program will be on radio controlled electric airplanes ... non tower-supported antennas will be on tap for November
- Set aside October 21 to work with the Scouts in Macomb county. Tom N8TMQ to have more details next meeting

The meeting was formally adjourned at 9:20 PM.

Respectfully submitted,
Steve, KF8KS, Secretary

Need a Little Help With That Extra Class Test?

Too much $Z(x) = ty^4 \wedge 2 / gu R?$ Well, there is a way through it, a class that covers the theory and simplifies the math to pictures, graphs and lined paper. Who should attend? Anyone that is: interested and willing to stick it out for 3 weeks, wanting to get an understanding of the theory, willing to beyond...., wanting to get on those other segments of the bands.

The fall session will consist of three 2.5 hour classes on Wednesday evenings, 10/18/00 through 11/1/00, 7:00 to 9:30 PM. This is a first-come, first-served (maximum 10), and there is no charge for the fall session. Future classes will be offered in the winter and spring as needed.

Location is TBD, either in Madison Heights or Troy. Contact KC8NWH, Ken: Ken@controlledpwr.com or

(248) 588-4321 (after 1800Hr) to enroll or for more information.

Phase 3D Set for Halloween Launch

The next-generation Phase 3D Amateur Radio satellite is set for launch on Halloween! The launch agency Arianespace said that in addition to Phase 3D, an Ariane 5 rocket would attempt to orbit the PAS 1R communications satellite and two other payloads, STRV 1C and STRV 1D, on Tuesday, October 31. The launch will take place at the European Spaceport in Kourou, French Guiana.

AMSAT-Germany Executive Vice President Peter Guelzow, DB2OS, who's heading up the launch campaign, was a bit more tentative about the launch date. He called October 31 "the start of the launch window" and said it was the earliest date on which the launch could take place.

AMSAT officials were encouraged by the successful September 14 Ariane 5 launch that placed two communication satellites in orbit. A launch using an older generation Ariane-4 rocket is scheduled for October 7.

Guelzow reports launch preparations for the October 31 Ariane 507 Phase 3D flight officially got under way September 18 in Kourou and are proceeding "on target." Guelzow is pinch-hitting for Phase 3D Project Leader Karl Meinzer, DJ4ZC, who was unable to make the trip.

AMSAT News Service says the RUDAK computer team, the RF team and members of the electronics team from AMSAT-NA already have completed their work and returned home. Electronics team members from Europe this week were wrapping up their tasks and preparing to leave. Five of the six bays around the satellite's circumference have been secured for the final time; the sixth bay has been prepared to load fuel. Thermal blanket additions have also been completed. Final tests have been made on several detectors--such as the sun sensor--and the solar cells were being mounted on the satellite and will be connected to the battery chargers.

Once everything is ready, the rocket and the satellite payload packages it will carry will be integrated in the Spaceport's Final Assembly Building.

Guelzow reminded operators planning to use Phase 3D after launch that it could be a few months after launch before Phase 3D is ready for routine operation. The actual time depends on several factors including orbital parameters and the work needed to nudge P3D into its final elliptical orbit. Guelzow said that satellite operators worldwide "can rest assured that every effort will be made to initiate operations at the first possible opportunity consistent with flight operations."

The launch team has established a Web site that includes photographs of the team preparing the satellite. It's at <http://www.amsat.org/launch>. For more information about Phase 3D, visit the AMSAT-NA Web site, <http://www.amsat.org>. *From the ARRL Letter*

IARU Monitors Seek Reports on Unlicensed Operation

In an effort better to document the extent of unlicensed operation on Amateur Radio frequencies--particularly 10 meters--the International Amateur Radio Union Region 2 Monitoring System is surveying member societies about the extent of the problem. The ARRL is soliciting reports from US hams to supplement its response to the survey.

"At the peak of the sunspot cycle, CB-like operations become more and more apparent on the highest HF band," says Brennan Price, N4QX, administrator of the ARRL Monitoring System.

Price says that on September 28 alone, the ARRL received three reports of such activity on 10 meters. "John Hennessee, N1KB, and I took turns monitoring at headquarters station W1NF and noted 12 such stations in about 15 minutes of listening time--all using AM between 28.0 and 28.1 MHz," he reports.

In order to provide statistical backing for ARRL's survey response,

Price is soliciting reception reports from amateurs for the two-week period October 1 to October 14. Observations should include date and time in UTC, frequency, mode of the transmission, language (if known), and any notes that might assist in identifying the source. Observations should also be limited to amateur frequencies, focusing on 10 and 12 meters.

Price emphasized that operations on the so-called "freeband" between 10 meters and the 11 meter Citizens' Band are not a topic of this survey.

Price urged monitors to use caution before documenting a transmission as probably unlicensed. "Most countries do not mandate a segregation of voice and digital modes, as the US does," he pointed out. "A phone transmission between 28.0 and 28.3 MHz is not necessarily illegal in the country where that transmission occurs, and if valid amateur call signs can be made out, the transmission should not be reported." Price notes, however, that lower sideband and AM transmissions between 28.0 and 28.1 MHz usually are unlicensed "and may be treated with suspicion."

ARRL Executive Vice President David Sumner, K1ZZ, said he believes the best short-term solution is for amateurs to get on the air and use their frequencies. "Illegal operation on 10 meters declines on a contest weekend," Sumner says. "If that volume of stations would operate more often, perhaps these intruders would look elsewhere for an open frequency."

E-mail reports to Brennan Price at N4QX@arrl.org. All reports will be acknowledged, and respondents will receive a summary of the survey results via return e-mail. *From the ARRL Letter*

HPARC DART Net Control List-2000

The following club members have generously volunteered to host the HPARC Sunday Night Net on the DART 146.64 repeater. All nets are on Sunday evenings at 9:00 PM local time. If you are scheduled to be a Net Control,

but are unable to meet your commitment, please contact our Net Manager, Bill, N8QVS as soon as possible, in order that he can arrange for a substitute.

- Oct. 08-- AA8UU, John (#1661)
- Oct. 15-- AA8TK, Evan (#1662)
- Oct. 22-- KC8MPQ, Sean (#1663)
- Oct. 29-- W8WQ, Bruce (#1664)
- Nov. 05-- N8HFM, Bill (#1665)
- Nov. 12-- N8QVS, Bill (#1666)
- Nov. 19-- AA8TK, Evan (#1667)
- Nov. 26-- N8TMQ, Tom (#1668)
- Dec. 03-- AA8UU, John (#1669)
- Dec. 10-- AA8TK, Evan (#1670)
- Dec. 17-- KC8MPQ, Sean (#1671)
- Dec. 24-- W8WQ, Bruce (#1672)

Important State Issue May Affect Hams This November

As the November Election comes ever nearer, we must look carefully at a proposal on the November Ballot. Proposal 2, the so-called Local Rule issue, is an amendment to the State Constitution which could have serious implications to amateurs in Michigan.

Originally a reaction of large-city mayors to the state's invalidation of local residency laws, Proposal 2 is a fairly dangerous piece of legislation which would require a 2/3 supermajority in both Houses of the Legislature on any law which would override local authority, such as zoning laws. How does this affect us? If Michigan were to pass a state law recognizing the federal PRB-1 antenna guidelines set forth by the FCC a number of years ago, this proposal would make such a law almost impossible to pass.

It is difficult enough to get a simple majority to agree on Amateur Radio-related issues as our laws currently read. Don't make it impossible! Be sure to make your voice heard by voting **NO** on Proposal 2. *The Editor*

HPARC 2001 Swap and Shop Date Set for January

Be sure to mark your calendars for Sunday, January 21 2001. This is the

date for our club's annual Swap and Shop, our largest source of income for the year. As always, this event is a huge undertaking, and will require the participation of as many members as possible to make the event work.

Swap Chair, Tom WC9F, will be circulating sign-up sheets for volunteers beginning with this month's meeting. We will need help with setup, tear-down, parking, publicity and a host of other tasks. If you think you might be able to help your club on this extremely important and fun event, please contact Tom at a meeting soon. As with all club volunteers, you can find ways to contact us on the club web site. Check the site at <http://www.qsl.net/w8hp>. You can also e-mail Tom directly at the following address: tkrausnick@home.com.

Regularly Scheduled HPARC Events and Gatherings

Don't forget these weekly HPARC events:

Friday Breakfast at the Ram's Horn, 31253 Woodward in Royal Oak, North of 13 Mile Road. Begins at 7:15 AM.

Saturday Breakfast at Jimi's in Royal Oak, 714 S. Washington. Begins at 9:30 AM.

Sunday HPARC NET on the DART Repeater 146.64 - 100 Hz. 9:00 PM. Net Manager N8QVS

Tuesday Medium Speed Code Practice 8 PM, 28.128 MHz.

Is Your Membership About To Expire?

Be sure to check the expiration date on your *Zero Beat* mailing label. This date shows how much longer your membership has to run, and also shows the end date for club mailings. If it is time to renew, please come to the next HPARC club meeting and renew your membership.

As a reminder, membership is now \$10 per year. If more than two members live at the same mailing address, you can take advantage of the economical Family Plan, which covers all members in the

same household for \$25. We regret that we had to raise the rates, but printing and postage cost increases forced this change in membership rates. This is still one of the best values in Ham Radio in this area!

Hazel Park Amateur Radio Club, Inc.
PO Box 368
Hazel Park, Michigan 48030

Please visit our web site:

[HTTP://WWW.QSL.NET/W8HP](http://www.qsl.net/w8hp)

Check Mailing Label: Is your membership about to expire?

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