Zero Beat

March 2021

General Meeting
Second Wednesday
7:30 pm On Zoom

Club Officers

President   Joe WB8ADX

joeraznik@gmail.com

1st. VP   Jim K8ABZ

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2nd. VP   Aaron W8VIP

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Secretary   Reuven KB3EHW

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Treasurer   Bob N8REL

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Parliamentarian Marvin N8HZM
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Director   Bill N8QVS

n8qvs@arrl.net

The President's QTX

It is that time of year again, the days are getting longer, the weather warmer, election season is upon us, the Banquet might very well be just around the corner and Field Day planning has officially gotten underway now that John—AA8UU has received a permit for Scout Park.

With enough coronavirus vaccines predicted to be available to inoculate every adult in the nation by the end of May, the possibility of being able to have a banquet this year is becoming more of a reality with each passing day. However, the final decision remains with the membership as we will need to sell at least 50 tickets to make the banquet financially viable. It would be an event worth attending seeing as it would be our very first face-to-face club event in over a year and a great way to celebrate with our fellow club members the end of the most challenging year in the club's history.

As we look forward to returning to a more normal lifestyle, now's a good time to take a moment and thank those volunteers who kept our club running during this unprecedented challenge. First and foremost, Bob—N8REL who established the "Corona at Homa" Net providing a crucial opportunity for members to stay in touch during those very early days of uncertainty and giving us a daily respite from the eerie events unfolding around us.

Also providing key support for the "Corona at Homa" Net from behind the scenes was John AA8UU who selflessly worked to keep an ailing repeater on the air so we could enjoy a few reassuring moments as we answered trivia questions complements of Joe KE4ZYQ.

In addition, was the exceptional team of Sunday Night Net Control Operators Bob N8REL, Lee KD8TBC, John W8TOY and Mike K8WU who ran the net without missing a beat. Our Sunday Night Net remains the most popular club event that not only kept us in touch with each other before and during the pandemic but will continue to do so as we "Check-In" with each other during this weekly over-the-air tradition.

Let's not forget the club's distinguished monthly newsletter "The Zero Beat". It's publisher Rick KB5OO is perhaps one of the club's most self-motivated members and through his efforts the newsletter dating back to the 1970's has made the club's meeting minutes, breaking news and technical articles available for us to read during those long hours of home confinement.

Also, we extend a special thanks to Jerry W9NPI for being at the helm of our licenses upgrade classes and the dedicated instructors Bob N8REL, Hugh KE8BED, Wes AC8JF, Marv K8HZM, John AA8UU and Joe WB8ADX, who make up the team of instructors for the Technician, General and Extra Class courses after having to quickly adapt from face-to-face instruction to a new and unfamiliar Zoom platform.

Looking forward to the immediate future, club elections are on the horizon. The most significant thing you can do for the club is to nominate a fellow member or run for one of the club's elected positions. Anyone can do this, there's no lock on any position so give it some thought. At least two officer positions will be open this year and it's always great to have new ideas from people with fresh perspectives. Most positions don't take too much of a time commitment, maybe only a couple of hours a month. The rewards are great and it's satisfying to be able to help guide the club get back on track after this unprecedented year of isolation.

In addition, there's something to keep everyone busy by becoming involved with one of the 15 Volunteer Positions. That's what makes this club great, a lot of good people pitching in to get things done. Be it VE testing, contest mentoring, working on the club's Website or helping out at the Swap Meet, it's a terrific way to continue a tradition that's been ongoing for over 50 years.

By the way, have you visited the club web site lately? It's a good place to keep up to date on club activities. The newly formed HPARC Media Group consisting of Hugh KE8BED, Mike K8WU, Rick KB5OO, John AA8UU, John W8TOY & Joe WB8ADX is doing a first-rate job and it would be encouraging for this team of hardworking volunteers to see the site's visitor count increase as a result of their dedication. If there's something you see that needs updating or perhaps a new page that might be of interest, they would be happy to hear your input and suggestions.

Best of 73,
Joe WB8ADX

HPARC Nets

HPARC Official Sunday Night 2-meter Phone Net

Every Sunday a 9:00 Pm local time on the DART repeater, 146.64 (PL 1 00), catch up on club news and information, and just to keep in touch. All amateurs are welcome to check in.

ARPSC Thursday Night 2-meter phone net

Every Thursday at 8:00 PM on the W8OAK repeater, 146.90 (PL 100).

Siren Test

The annual siren test program will start again on Saturday, March 6th. Marsha, N8FE will probably be calling or emailing members for volunteers.

2020-02-10 HAPRC general meeting on zoom

Meeting called to order 7:30pm by Joe WB8ADX

Pledge of allegiance

Introduced Jason KC5HWB of Ham Radio 2.0

Winter field day results posted, Mike WD8S was the top scorer.

Marsha N8FE announced the Siren tests. Not skipping April this year. Will have 2 in March because of Severe Weather Awareness week. Contact N8FE@arrl.net to help with testing.

Skywarn training is all virtual; NWS skywarn page has a training schedule.

Jerry W9NPI- Still getting a good response to the classes, 28+ people in the technician class. Didn't have enough VEs to do online testing, so sticking with recommending hamstudy.org sessions online.

Joe- Thank you to our Volunteers, shown on screen.

Bulletin board- Ten Tec radio still for sale.

Jim K8ABZ on the election process, W8TOY will be chair again, we need to agree on forms and process. Also on distribution on the roster, we need to clarify to whom it gets distributed.

Lastly club property- if it is added or removed we must update our database.

Hazel Park Amateur Radio Club, P.O. Box 358, Hazel Park, MI 48030

Further discussion of availability of the roster. Jay WB8SBI - will discuss at the board meeting. AD8M-Board meeting open? Joe- Yes. Reuven- I can send a query about the board meeting and will send the link to anybody who would like to attend.

Meeting adjourned 9:15pm --

Reuven Gevaryahu

HPARC Secretary

Appalachian Trail Hike

I was planning to do this last year at the same time but delayed a year due to the "pandemic". Here is my latest update.

I plan to thru-hike the entire Appalachian Trail in 2021 It is 2,193 miles long. I'll be walking and back-packing the entire route from Georgia to Maine and sleeping in a small tent along the way.

I'll be starting the trail on March 21, 2021. You can follow me by subscribing to my YouTube channel JLDRDOTCOM (https://www.youtube.com/user/jldrdotcom) and I also have a private Facebook group called JLDRDOTCOM that you can request access to. I will be posting updates there as well once I'm on the trail. I also have an Instagram account with the same name JLDRDOTCOM that I will try to update as well.

Please spread the word to other people who you think might be interested. I need all the support I can get! Maybe share it with the club in the Zero Beat?

Thanks and 73's,
John Loose
KD1IX

RESISTANCE IS NOT FUTILE

IT IS VOLTAGE DIVIDED BY CURRENT

Volunteer Positions

Definitions

- Long Path -- The direction you are told to aim your antenna, to work a rare DX station, as suggested by the other fellows in the pileup.

- Element Spacing -- A critical antenna design factor which is optimized to place the tunable traps on a beam as far out of reach as possible, from the tower.

- Diversity Effect -- A property in which the quad-type antenna far excels over the yagi-type antenna. It relates to the number of directions an antenna can collapse into, under heavy winds.

- Selective Fading -- A quirk of propagation, whereby a signal arrives at a distant point by multi-path, and where the different signal components arrive with varying phase relationships. This causes the signal to be "cancelled out" at some points. This wonderful effect helps eliminate some of the QRM from distant DX stations when you are trying to copy the pileup.

- "Off the back of the Antenna" -- A technique used by more experienced DX-ers, where the antenna is pointed away from the station being contacted. This creates a challenge similar to running QRP.

- QRP -- Restricting final input power to the transmitter to anything less than 500 watts, on 20 meters.

- Speech Processor -- A "state of the art" device which permits one to communicate with as many others at the same time as possible. However, beginner operators need to learn how to use one properly, to expand the signal beyond a narrow, 3 KHz bandwidth.

- "IMOKINCALLBK" -- An expression used in a CW QSO, to say: "you send me your QSL card first, turkey, and then I'll send you mine".

- IRC -- An economic instrument, administered by the Postal Service, to control the balance-of-trade deficit.

- Parasitic Element -- A person who takes lists for DX-stations.

- LISTS -- A method of making DX contacts, where some self-appointed person takes a list "on the air" (aka: his buddies on 2-meters) of people who wish to "work" a person in some DX location. This makes it easy for hams who do not have the patience or time to learn real DX skills to get a quick, easy contact. In fact, if you can't hear the actual report from the foreign station, the list-controller will often help ("...OK, there, WB6xxx, did you hear Jose give you a '59' signal report?").

www.WEBSDR.org

Would you like to listen to the bands wherever you go? If you have access to a browser and the internet, WEBSDR is there. It is also useful to listen to your own signal at various locations. This system gives you access to software defined radios (SDR) all around the world. These are receivers only, no transmissions.

This is the page displayed after you've selected which SDR radio to use. It's quite similar to various digital mode displays.

The system uses SDR radios provided by various clubs and individuals from around the world. It is also popular among shortwave listeners, (SWL).

Go to WEBSDR.org, the landing page has a lot of information about the system and the various radios used.

I like to use the Filters to narrow my search. Select the geographic location and band you want then activate the SDR radio you want to use by clicking the link under the column **Location and URL.**

The actual SDR radio page is then shown. Now you may need to specify the frequency and mode to operate the SDR radio. Sometimes Chrome has problems starting and you may need to click the START Chrome button. I use an old computer and this is not a problem. You should now hear the radio on the computer speakers. The radio signal is designated by the yellow filter symbol along the band marks.

John Teagardin

AA8UU

If we were to select the most intelligent, imaginative, energetic, and emotionally stable third of mankind, all races would be present.

Franz Boas

BrainyQuote