

March 2020



The Standing Wave

The monthly newsletter of the Hiawatha Amateur Radio Association of Marquette, Michigan. Comments and suggestions can be sent to the club at P.O. Box 1183, Marquette, MI 49855 or to the editor at n8nav1@charter.net Club info, membership, dues, etc. can be found on our website at www.qsl.net/k8lod

MONTHLY MEETING: Marquette County Health Department Bldg., Lower Level, Negaunee Township.
Date: **March 5, 2020**
Time: 7:00 PM

CLUB OFFICERS, 2020

Pres. Lou Gembolis KG8NK
VP: Greg Hanson KI8AF
Treas. Mike Beltz KD8JIR
Sec. Lee Rowe KD8BJC
Board Members:
Fred Mouser KD8JIP (Past Pres.)
Steve Novotny KE8HEP
Dave Thomas KD8DRF

STANDING WAVE

Editor, Jim Belles N8NAV
Distribution, Greg KI8AF

REPEATERS

With the proliferation of local and regional repeaters, it is no longer feasible to list them individually. However there is an extensive list – and map – contained in the HARA website at www.qsl.net/k8lod.

FROM THE PRESIDENT



March weather started with a beautiful weekend. Sheree and I snowshoed into the cabin on Sunday to check on roofs and other things. I hope that I will be able to walk by the end of this week – wow, not in shape!

Changing our meetings to be more demonstrations and programs seems to be working as the attendance at the last two meetings was over 30. We are going to strive to have programs that will keep the interest and attendance up for each meeting. We have the largest membership of any ham club in the UP with a wealth of knowledge of Ham Radio that could be shared with us all.

There are many aspects of Ham Radio including special interest groups, CW, AM, SSB, FM, VHF, UHF, microwave, contesting, DXing, public service, ARES, RACES, repeaters, fox hunting, RTTY, Packet, APRS, Satellite, SDR, D-star, DMR, kit building, field day, Elmering just to name a few things in our great hobby. If there is interest in any of the above modes, we can have programs that would give you a start in a new adventure in your hobby.

Lou KG8NK

Late Breaking QST

Due to the restrictions placed on public gatherings imposed by Governor Whitmer, the Friday luncheons are suspended until further notice. The April HARA club meeting is also canceled. Be Well!

V.E. TESTING:

../.. **Marquette: 8:30am eastern time, (arrive by 8:00am)**
Marquette County Health Dept. Bldg.,
U.S. 41 just east of the Michigan State Police Post.
You MUST preregister at least by the Tuesday evening
preceding the Saturday test date. Contact Rich N8GBA
at 249-3837, n8gba@att.net or Greg KI8AF 225-1594,
ki8af@arrrl.net.

Please arrive one-half hour early for test sessions to give time to process applications. Testing applicants should bring the following items with them: Two pieces of I.D. one being a photo I.D., Original license and one clear copy of their license if applicable, Completed form 605 (one will be provided if you don't have one), pencils, calculator and the test fee of \$15.00. Please have the correct fee as examiners do not carry change. *Please contact the individual(s) listed to confirm date(s), location(s), etc.*

Note: Other clubs in the area may offer license testing. For a listing you can go to the ARRL website at arrrl.org. Click on *Licensing, Education, Training*, then *Getting Licensed*, and then *Find An Exam Session*. You can search by zip code or other criteria.

HARA's Monthly Meeting Programs

Future: Greg KI8AF, Antenna Analyzers, Antenna Tuners and Dummy Loads

NOTE: The above is a partial list of upcoming programs. The Club is always looking for Ham Radio-related programs of interest to the membership. If you have something in mind, please contact VP Greg Hanson @ ki8af@arrrl.net.

QST QST QST

To: All ARRL Membership in Michigan Section
From: Michigan Section Staff

Friday, March 13th, 2020

On Thursday, March 12th we learned of more cases of COVID 19 in Michigan. Michigan Governor Gretchen Whitmer has declared a State of Emergency in Michigan and passed down an advisement to cancel or postpone meetings, gatherings or events with 100 attendees or larger. Emergency Preparedness training is being postponed throughout the country, including all National Weather Service SKYWARN classes. This is a rapidly changing situation requiring patient thought and good judgment.

At this time we are not dissuading or advising local ARRL affiliated clubs or ARES corps to cancel or postpone any activities. We are encouraging vulnerable members to use extra caution and judgment when going out in public. Vulnerable population is described by the Centers for Disease Control (CDC) as "55 years old or older, history of cardiac or lung disease, diabetes or any medical history that would leave your immune system compromised".

The Michigan State Emergency Operations Center has asked if you do cancel to use the following template:

In accordance with Gov. Gretchen Whitmer and the Michigan Department of Health and Human Services' recommendations designed to help prevent the spread of Coronavirus Disease 2019 (COVID-19), we will be canceling/postponing _____.

I want to thank my Section Emergency Coordinator and ARES Field Leadership for their leadership throughout this difficult time.

As amateur radio operators we believe in the principles of planning ahead and ensuring not only our community is prepared for the worst case scenario, but primarily our families are as well. We will get through this as a Section, as a hobby and as Michiganders.

Stay safe, stay healthy and 73!

James Kvochick, K8JK
Michigan Section Manager

2020 Dayton/Xenia Hamvention Canceled

Bulletin from Dayton ARA

The Hamvention Executive Committee has been monitoring the COVID19 pandemic. We have worked very closely with our local and state health Departments.

It is with a very heavy heart the Hamvention Executive Committee has decided to cancel Hamvention for this year.

This decision is extremely difficult for us but with around two months until the Great Gathering we felt this action necessary.

More specific details regarding the closure will soon be posted. (SEE DARA WEB PAGES)

Thank you for your understanding in this time of International Crisis.

Jack Gerbs
General Chairman HV2020

The Business

**Hiawatha Amateur Radio Association
Thursday, March 5, 2020**

Due to hazardous travel conditions as a result of the late season winter storm, the monthly meeting was canceled.

The April club meeting has been canceled due to restrictions imposed by the State of Michigan.

30th Annual UP 200 Sled Dog Race



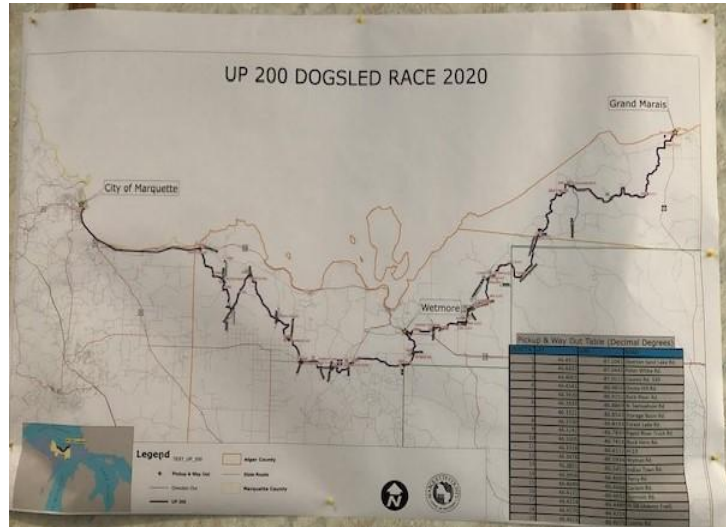
Greg and Fred installing HQ antennas.



Paul was the inside antenna guy.



Dave and Fred did a great job at HQ.



The course ran 240 miles along the Big Lake.

A Note About Photo Submissions

A couple of things to keep in mind when submitting photos to be published in the Standing Wave:

1. We always prefer shots of Hams in action over those just depicting random people or scenery.
2. We'd love to include captions to go along with the photo. So please identify the individual Ham(s) as well as the activity. THANKS!

Spring Forward

By the time you read this, we will have switched to Daylight Savings Time (March 8th). Hopefully, you set your clocks forward and have recovered from that hour of sleep that you lost! The one nice thing about the time change is that Coordinated Universal Time (GMT, Zulu, etc.) remains the same.



News

As announced last month, a pre-exercise was held on Saturday, February 22nd from 1000 to 1200 local time. This pre-exercise was in preparation for a major Simulated Emergency Test (SET) to be held on Wednesday, April 15th 2020. **As of this writing, the April 15th SET has been postponed. (Ed.)**

The goal of this pre-exercise was for Hams to activate their County Emergency Operations Centers (EOC) and make contacts with other counties across District 8 (Upper Peninsula) as well as to the State EOC in Lansing. Our Marquette County EOC was unavailable, so the equipment in the National Weather Service (NWS) office was utilized. Operating frequencies included 2-meter simplex (146.52) as well as HF (3.932 and 7.232 kHz).

As a participant in this pre-exercise I can only offer my personal observations. Myself and three other stations (that I could hear) were able to contact K8LOD at the NWS office on 2-meters. It was a rough go, but I finally was able to contact K8LOD on 3.932 only, although I could hear them on 7.232. I was able to contact the Luce County EOC (W8NBY) on 3.932 with a 5/9 report. I also heard the Schoolcraft County EOC (N0ASW) and stations in Marquette, Alger and Delta Counties. I even copied a participant (N8LOU) from Midland, MI.

I have seen no official report on the February 22nd pre-exercise, so I do not know how the ARES officials rate its success. Again from my personal standpoint, I was fairly impressed with the performance of my somewhat skewed G5RV that has been hanging from my backyard trees for the past 15 years!

Our Marquette County ARES Emergency Coordinator, Lou, KG8NK, will have additional information regarding the upcoming exercises, so stay tuned!

Items of Interest

- Lucille provided the below information for those interested in giving satellite communications a try:

<http://www.arrl.org/shop/Amateur-Radio-Satellites-for-Beginners/>

- And from Greg:

With all the limitation that are occurring in regards to COVID-19 we have decided to **cancel the HARA regular meeting scheduled for April 2, 2020**. In all likelihood our access to the Marquette County Health Dept. building will probably be prohibited by that day.

On a brighter point we have reactivated the Hiawatha Amateur Radio Association Facebook page. The site is being visited more often and we encourage more to participate.

In the meantime we will try to keep in touch more often via emails and also the Facebook page.

Greg
KI8AF
HARA VP

PS: Several members have not renewed their membership for this year as of this date. If you need to find out if you've paid your membership dues for 2020 you can email Greg at ki8af@arrl.net

Parting Thoughts

Although a bit early in the season, Fred was anxious to pass along an article regarding Fox hunting. (Ed.)

What is ARDF?

Amateur Radio Direction Finding - An Exciting Amateur Radio Sport



ARDF - Amateur Radio Direction Finding - is an exciting branch of amateur radio activities, attracting people from youngsters and teenagers to experienced old timers and veterans. Participants of these events arrive to the spot announced by the organizer, dress the sport garments suitable for running and start in small groups to meet the direction finding adventure. Their task is to discover - by taking radio bearings - four or five hidden low power transmitters, located in a forest in adequate distance each from other. The discovery of hidden transmitter has to be confirmed by personal presence at the spot and punching the starting ticket. The winner of the event is an amateur who discovers, visits all prescribed transmitters and appears at finish line in a shortest possible time.

ARDF joins the amateur radio skills like construction of transmitters and receivers, knowledge of HF and VHF propagations phenomena, antenna patterns, evaluation of strength and quality of received signals (and basic knowledge of Morse code, too!) with orienteering skills like proper using of map and its symbols, usage of compass and taking bearings and azimuths, continuous knowledge of own position in the terrain (without using of GPS satellite equipment), and - last but not least - with physical fitness and ability to run a couple of kilometers in diversified terrain, mostly wooded.

But overall, ARDF is a pleasure of being in direct contact with nature, of breathing the fresh and unpolluted air, of joining with friends from different amateur radio clubs and societies. It is an unforgettable experience to meet - when running from one hidden transmitter to another - a deer family or lonely hare wondering who disturbs his quiet forest enclave. Tens and hundreds of ARDF events are organized every year by the local amateur radio clubs, amateur societies and on the highest level - by the International Amateur Radio Union

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Tens and hundreds of ARDF events are organized every year by the local amateur radio clubs, amateur societies and on the highest level - by the International Amateur Radio Union. ARDF is not only a joy for its enthusiasts. It

is a powerful tool for attracting people, especially youngsters, towards the amateur radio. Thousands of nowadays experienced transmitting amateurs have started their amateur radio activity as ARDF competitors.

- **Related Links:** [Amateur radio direction finding](#) on Wikipedia: More information, pictures, links, other languages.

Announcing the 2020 Michigan QSO Party

Just Have Some Fun!!!!

Chance to get on the air

**Single Op, Multi Op, Mobile, EOC
Be the station others want to work
Maybe activate a rare county?**

Excellent Club Activity

**Reason to get together as group
Join the fun in the "EOC" station category
Excellent Training opportunity!
Get new members on the air!
Friendly Competition**

Let's all help make Michigan "radio-active" on April 18-19!!!!

Get your local EOC on the air and show the emergency management team how amateur radio can benefit their efforts!!!

The 2020 Michigan QSO Party, sponsored by the Mad River Radio Club, is from 1600Z April 18 until 0400Z April 19.

Stations may operate the full 12 hours. Phone and CW on 80/40/20/15/10 meters. Single-op, multi-op, and mobile categories. Work stations once per band and mode. MI-to-MI QSOs allowed. Work portables and mobiles again as they change county, state or province. Exchange QSO number and location (county for MI stations, state/province or "DX" for others).

Suggested frequencies: CW-3545, 7045, 14045, 21045, 28045; Phone-3825, 7200, 14250, 21300, 28450. One point per phone QSO, two points per CW QSO. Count multipliers once per mode.

Multipliers are MI counties for all entries, plus states, provinces and "DX" for MI entries only. Final score is total QSO points times total multipliers.

Submit logs no later than 30 days after the contest. Electronic logs in Cabrillo format are submitted via the Log Submittal page on the MiQP web site <http://www.miqp.org/submitLogFileMiQP.html>. Mail paper logs with summary sheets to: Mad River Radio Club, c/o Dave Pruett, 2727 Harris Road, Ypsilanti, MI 48198.



That's a wrap for this month!

HARA membership New member or need to renew your membership? Dues can be mailed to the: Hiawatha Amateur Radio Association, P.O. Box 1183, Marquette, MI 49855. Dues annual rate structure: Single \$15.00, Family \$20.00, Associate \$10.00, Family associate \$15.00, Student \$7.50. More information and an application form is available at <http://www.qsl.net/k8lod/membership.html>

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