

July 2023

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

ANNUAL HARA PICNIC:
Sands Township Hall
M-553 Adjacent to Cross Roads
Date: August 3, 2023
Time: Gathering: 5:30 PM
Dinner: 6:00 PM

CLUB OFFICERS, 2023
Pres. Lou Gembolis KG8NK
VP: Greg Hanson KI8AF
Treas. Mike Beltz KD8JIR
Sec. Scott Machalk WU8H
Board Members:
Fred Mouser KD8JIP (Past Pres.)
Jim Belles, N8NAV (EC)
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

A guest editorial from the ARES EC:

I am now going to step up on my soapbox for a minute. The election of club officers is coming up soon. Several of the current club leadership have been serving for MANY years and are ready to move on to other endeavors. Remember, one of the beauties of Ham Radio is there is something for everyone. And public service, while infinitely honorable, is just one facet of our great hobby. It is time for some new blood – and new ideas – in the HARA leadership. And since the club is an integral supporter of the ARES group, the same can be said for it also. I recently made a plea for assistance in comprehending new communications modes which are finding their way into the realm of AuxComm (**A**uxiliary **C**ommunications). So please consider stepping up into one of the leadership positions. No one is asking you to be an expert right out of the gate. There is plenty of assistance available. ‘nuff said!

73, Jim, N8NAV

V.E. TESTING:

September 9, 2023 *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 at ki8af@arrl.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. **You must have an FRN and provide a valid email address.** *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 arrl.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

NOTE: 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@arrl.net.

The Business

HIAWATHA AMATEUR RADIO ASSOCIATION Monthly Meeting

No club meeting in July. Have a Happy and Safe Independence Day!



Friday Lunch is back!
(meet in the back room at Big Boy at 11:00 am)



Front row: Brad, KE8TPS, Dave, WD8PAK, Bruce, KH6IK, Judi, KE8LRW, Jim, N8NAV, Lou, KG8NK, Dave, KD8DRF
Back row: Brian, Mqt. Co. EM, Marge (XYL of Bill), Bill, KE8KCA, Fred, KD8JIP, Troy, KE8MMF, Sam (XYL of Troy), Don, N8HDT, Greg, KI8AF

Happenings!

The following is a list of local events that, as of press time, are happening:

- HARA Annual Picnic – August 3, 2023. Sands Township Hall. Social hour @ 5:30, dinner @ 6:00 pm.
- Delta County (DCARS) Hamfest - August 5, 2023 @ the American Legion Hall in Rapid River.
- Ore to Shore Mountain Bike Epic – August 12, 2023. Stay tuned for details.
- Marquette Marathon – September 2, 2023. Stay tuned for details.
- HARA (Regular) Club Meeting - September 7, 2023 @ Marquette Co. Health Department.
- HARA Swap & Shop – September 16, 2023 @ Negaunee Township Hall (see flyer below).



HARA 10-meter Net

Some months ago, the club established a weekly get-together on 10 meters. The original intent was to give those Hams with a Technician-class license a chance to gain experience on HF SSB. Since that time, it has grown into a combination rag-chew, Health & Welfare and generally an old-fashioned good time! We continue to have a good showing of “regulars” and visitors! With the Cycle 25 (hopefully) increase in propagation, 10 meters appears to be hopping. 28.400 MHz is a calling frequency, so we have decided to move our net to **28.396** on Friday nights at 7:00 pm local time. Net control is usually Greg, KI8AF. Because it is a local net, you don’t need to run much power or have a big antenna installation to be heard. So finish your Friday fish fry early and join us on 10 meters! We look forward to hearing you!

Field Day 2023

Photos courtesy of Fred, KD8JIP & Jim, N8NAV



Lou, KG8NK & Greg, KI8AF in the foreground with Jim, N8NAV, Dave, KD8DRF, Brad, KE8TPS and Gary, KI8DG in the background.



Jim's, N8NAV, compact SSB station complete with Buddipole antenna.



Greg, KI8AF, copying CW while Gary, KI8DJ and Fred, KD8JIP supervise.



Bill, KE8KCA and Mike, KD8JIR work on antenna matching.



Dave, KD8DRF and Scott, WU8H deep in discussion.



Bruce, KG8YT and Bill, N8NRG doing a sterling job working QRP CW.

Field Day 2023 was held at the Sands Township Pavilion on Saturday, June 24th. It was well attended and a good time was had by all! I hope to see you next year. 73!

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!

Challenge

2023 CQ DX Marathon

January 1 – December 31, 2023

For details, see the DX Marathon website at www.dxmarathon.com.

Volunteers On The Air

January 1 – December 31, 2023

For details, see:

<https://www.arrl.org/volunteers-on-the-air>.



News

from the desk of N8NAV



The club's Field Day operation was held on Saturday, June 24th (**See photos elsewhere – Ed.**). As I mentioned previously, Field Day is not an emergency exercise per se. But it is an excellent opportunity to deploy our equipment away from our home stations and operate “in the field”. I, therefore, highly encourage you to be a participant in future events.

Our next big planned ARES event will be the annual ARRL-sponsored Simulated Emergency Test (SET), usually held in October. I will have more definitive information on this event as the date gets closer. If anyone has a scenario that they would like to try, please let me know.

We are always looking for new ARES members. If interested, you can download an application from the ARRL website, www.arrl.org/ares and email it to me at n8nav1@charter.net, or contact me and I will arrange to get an application to you.

Stay safe!

73 de Jim, N8NAV

Buy, Sell, or Trade

Please advise when items have been bought or sold.

HARA still has some equipment and furniture that must be sold prior to our move from the Health Department. If interested, contact Greg, KI8AF, at ki8af@arrl.net

Parting Thoughts

1. From the ARRL Section Manager:

Michigan Governor Whitmer has formally declared June 18-24, 2023 as Amateur Radio Week in the State of Michigan, While we have been able to capture the text of the proclamation, a copy of the actual document in PDF format is a bit elusive. Our MI Public Information Coordinator Ralph Katz, AA8RK is working to get us the PDF document that we can all use for publicity. Once we have it, we will send it out so that clubs can make use of the document in thier FD publicity.

June 18-24, 2023: Amateur Radio Week

June 18, 2023

WHEREAS, amateur radio operators are celebrating over a century of broadcasting; and,

WHEREAS, amateur radio has continued to build bridges between people, societies, and countries through the sharing of ideas and the fostering of friendship; and,

WHEREAS, amateur radio operators have provided countless hours of community service to other local organizations throughout these decades; and,

WHEREAS, the state also recognizes the services amateur radio provides to our many emergency response organizations, including local and government-served agencies; and,

WHEREAS, these amateur radio services are provided as a free service to the public; and,

WHEREAS, these same individuals have further demonstrated their commitment to public service by providing free radio communications for local parades, bike-a-thons, walk-a-thons, fairs, and other charitable events; and,

WHEREAS, the American Radio Relay League is the leading organization for Amateur Radio in the USA; and,

WHEREAS, the ARRL Amateur Radio Field Day exercise will take place on June 24 – 25, 2023, and is a 24-hour emergency preparedness exercise and demonstration of the Radio Amateurs' skills and readiness to provide self-supporting communication without further infrastructure being required;

NOW, THEREFORE, I, Gretchen Whitmer, governor of Michigan, do hereby proclaim June 18 – 24, 2023, as Amateur Radio Week in Michigan.

Governor

Watch for further information as it becomes available.

73,

Larry

Larry Camp, WB8R
Michigan ARRL Section Manager
wb8r@arrl.org
517-617-4883



2. From our very own Greg, KI8AF:

I know that summer isn't even here yet but please bear with me for a couple of minutes.

I know that in past years you had shown an interest in having a table or two at the **Hiawatha Amateur Radio Association's annual Swap & Shop**. And while our Swap & Shop won't be held until September 16th, 2023 I'm trying to get a jump on it.

No need to pay for it now as you can pay at the door. But could you please confirm that you'll need a table or two, or not sure yet, or unfortunately not this year. You can just reply to ki8af@arrl.net. If you know of a friend or fellow ham that would like a table would you please advise me.

Thanks and enjoy the upcoming summer!

3. Be sure and tell the HARA gang about our Upper Peninsula Hamfest on August 5th in Rapid River at the Legion Hall, same place as last year's event. Any questions, Al Augustyn is again in charge this year for any questions regarding our event.

Les Elder, WA8LE
Member of HARA , DCARS.

4. From a Navy Buddy:

You might recall that last year KPH broadcast in Morse Code and Teletype format a message encrypted using the notorious World War II German encryption device known as the ENIGMA machine. The response to that broadcast was so overwhelmingly positive that we are planning on doing this again. Now, here comes the MRHS Cryptography Department Manager, Kevin McGrath/KM with details!



ATTENTION ALL INTERCEPT OPERATORS!

Crypto Transmission from KPH

The MRHS in cooperation with our good friends at the [Cipher History Museum](#) will send a coded message in 5-letter groups via the facilities of coast station KPH on Saturday July 22, 2023. The message will be encrypted using the famous Enigma code machine.

The Enigma was the Germans' most sophisticated coding machine for securely transmitting command and control messages via radio communications in WWII. It was considered so secure that it was used to encipher the most top-secret of messages.

All KPH listeners are invited to try their hand at receiving and decrypting the message. Certificates will be awarded for proof of successful decode, first to decode, and use of original or replica hardware.

You say your Enigma code machine has gotten a bit rusty? No problem, MRHS has you covered! Software simulations exist for the Enigma code machine. [Click Here](#) for an easy-to-use Enigma simulator. It is web-based, so no download is necessary.

For additional information on the Enigma please see [Ralph Simpsons' Cipher Museum History](#) site.

Crypto broadcast date, time and formats

The crypto broadcast will commence at 2000Z (1300 Pacific) on 22 July 2023 on all KPH CW and RTTY frequencies (in kc): 426 (IF in service, after an announcement on 500), 6477.5, 8642.0, 12808.5, 17016.8, 22477.5 . Upon completion of the CW transmissions, the broadcast will be repeated on all KPH RTTY frequencies. The RTTY transmission will be 170cps shift Baudot, 45 baud. The frequencies are (in kc): 6324.5, 8427.0 and 12585.5

Further Information

Full details will be announced in two weeks on the [MRHS website](#) and a Special Bulletin to all newsletter subscribers. For more information, or questions about the KPH cipher broadcast send email to: crypto@radiomarine.org.



5. Ham Clock

Scott, WU8H has come up with a great use for a Raspberry Pi. Not being much of a computer person myself, I had no clue of the power and usefulness these little gems. Scott has certainly made a believer out of me! Anyway, Scott has offered to put together a presentation on Ham Clock. It will be held at the Marquette Co. Health Department (usual club meeting spot) on Saturday, July 22 @ 10:00 am. **There are limited spots remaining and the deadline to sign up is this Friday, July 14th.** If interested, you can contact Scott at smachalk@gmail.com.

6. Finally - speaking of help, our own Mike, KD8JIR was recently seen helping Ann, N1CDG with an antenna installation. Good Job Mike!



**Hiawatha Amateur Radio Association
of
Marquette County
Swap & Shop
Saturday September 16, 2023**

We are hoping that summer is close at hand and the end of summer is off in the distance but we'd like you to mark your calendar now for our annual Swap & Shop that has been moved to **September 16, 2023**. For ages we held this event in February but plans are to host it annually in the fall.

Other than that everything is the same. Location is the Negaunee Township Hall on M-35 just south of the U.S. Hwy 41 and M-35 intersection. Times are 0900 to 1300. We'll have lots of door prizes and a 50/50 drawing. Refreshments will be available.



Here is only a small sample of what will be on our club table. I realize it is scheduled down the road somewhat but **please mark your calendar now** so you don't miss it. **Please let your club members be aware of our up coming Swap & Shop.**

Also does anyone need a sales table at our event? Contact Greg KI8AF at ki8af@arrl.net

Local Weekly DMR Net

The weekly DMR net starts each Sunday evening at 6:30 pm local time and is finished by the start of the HARA Sunday evening net at 7:00 pm.

The DMR net meets on our local KB0P DMR repeater and/or the U.P. Michigan Talk Group. Lucille KD8PTE, and her assistants do a bang-up job as net control!

Repeater: 442.200 MHz receive/447.200 transmit

U.P. Michigan Talk Group: 31268



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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