

**March 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](mailto:n8nav1@charter.net) Club info, membership, dues, etc. can be found on our website at [www.qsl.net/k8lod](http://www.qsl.net/k8lod)*

**MONTHLY MEETING:**  
**Marquette Co. Health Department**  
**Lower Level, Negaunee Township**  
**Date: April 6, 2023**  
**Time: 7:00 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](http://www.qsl.net/k8lod).**



## **FROM THE PRESIDENT**

It appears that we will have to vacate our space at the Marquette County Health Department by early summer. Greg (KI8AF) and I have started to downsize ham equipment that the club no longer needs and are looking for another storage area (perhaps using our current storage location).

Ten meters should open up for worldwide QSO's as band conditions keep improving. Ten meters can be used by Techs who have HF privileges. **You are all invited to participate in the HARA 10-meter Health & Welfare net (see particulars below) – Ed.**

The future of our hobby is very dependent upon encouraging potential new hams to join HARA. We should strive to provide activities that are of interest to new hams including helping them obtain higher licenses.

**73, Lou, KG8NK**

## V.E. TESTING:

**Stay Tuned** *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](mailto:n8gba@att.net) or Greg KI8AF at [ki8af@arrl.net](mailto: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](http://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](mailto:ki8af@arrl.net).

## The Business

### HIAWATHA AMATEUR RADIO ASSOCIATION Monthly Meeting March 2, 2023

Attending: President – Lou, KG8NK; VP – Greg, KI8AF; Treasurer – Mike, KD8JIR, Secretary – Scott, WU8H, 13 additional members and five guests.

President Lou, KG8NK, opened the meeting at 19:00 with introductions.

#### Agenda:

Approved as presented.

#### Secretary's report:

Motion to approve the February meeting minutes as published in the Standing Wave was made by Scott, WU8H, seconded by Fred, KD8JIP. Approved.

#### Treasurer's Report:

Treasurer's Report for February was presented to the members by Mike, KD8JIR. Motion to approve by Rich, N8GBA, seconded by Don, N8HDT. Approved.

## **Correspondence:**

New correspondence included five membership renewals, one payment for the directory and bank statements.

## **Committee Reports:**

### Repeaters:

Greg, KI8AF, reported that Echolink and IRLP are still down. Paul, KB0P, is working on a solution.

### ARES/RACES:

No report as Jim, N8NAV, is traveling.

## **Old Business:**

None.

## **New Business:**

- Lou, KG8NK, reiterated the need for Mentors.
- Testing is coming up on March 11. See the website for more information.
- The Health Department needs the room currently being used by the club for the relocation of the 911 Call Center. Our meetings will eventually move to the new Marquette Co. EOC, where we will also have a small area for our radio equipment. The area is much smaller than our current space which drives the necessity to sell off some of the equipment in our current room. These items will be available to view after the meeting. If any items are left over, we will repeat the process at the next meeting.
- Once the weather warms up, Lou, KG8NK, will need help getting the generators running. They both need new batteries. Don, N8HDT, mentioned that he might have two batteries that the club could use for the purpose.
- The Dayton Hamvention is coming up. Confirmation is needed for anyone interested in going. Contact Greg, KI8AF, if interested.

Motion to adjourn at 19:16 by Scott WU8H, seconded by Greg KI8AF. Approved.

## **Approved Program:**

- Bruce, KG8YT, gave an informative presentation on the Elecraft AX-1 antenna.
- Scott, WU8H, gave a presentation on the Raspberry Pi.

Minutes submitted by Scott, WU8H.

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



Left side: Dave, WD8PAK, Judi, KE8LRW, Pam, KD8KMN, Joe, AJ8MH, Don, N8HDT, Greg KI8AF  
Right side: Bill, KC8EWD, Dave, KD8DRF, Tom, KC8OND (hiding), Bill, KD8ZEG, Jim, N8NAV, Fred, KD8JIP

**Happenings!**

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

- Cadillac Swap – May 6, 2023 – See information in Parting Thoughts.
- Hamvention @ Greene Co. Fairgrounds – May 19-21, 2023. Contact Greg, KI8AF or Don, N8HDT.
- Green Bay Hamfest – June 3, 2023. See flyer later in this newsletter for details.



**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!

## 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](http://www.dxmarathon.com).

## UP Ham Directory

It has been several years since a U.P. Directory has been published but it is now in the works to publish a new and updated directory. This is a small list of what will be in this 6 1/2" X 8 1/2 " spiral bound booklet:

- A comprehensive listing of Hams in the U.P.
- U.P. coordinated 2m and 70m repeaters and their parameters.
- U.P. clubs.
- VHF and HF nets as well as Michigan Section Traffic Nets.
- A list of Silent Keys.

Would you like a copy? Expected delivery date is May or June. They would be mailed to our club and from there they would be distributed. The cost is only \$5 if you pick them up at a club meeting or from Greg KI8AF. If you wish to have it mailed to you then the cost would be \$7. This is an incredibly reasonable deal! NO need to pay now, but **I'm putting together a list of those wishing to purchase a copy.** Contact me at ([ki8af@arrl.net](mailto:ki8af@arrl.net)) by the end of March 2023 if you want a copy. After that it might be too late to order. If you want to pay now send a check to HARA for \$5 or \$7 and mark it for U.P. Directory or you can pay Greg directly if you bump into him.



## News

from the desk of N8NAV



I certainly don't want to make anyone feel bad, but as I type this month's ARES input I am sitting at our VRBO in Yuma, AZ – where it is currently 81F. We have been playing tourist since we arrived, so I've not had much opportunity for radio. I did bring along my Field Day rig (Yaesu FT-891) and antenna (Buddipole). And I did manage to check into the Friday night 10-meter net. Greg wasn't strong, but he was readable. There is a local 2-meter net that meets weekdays at 9:00 am that I am hoping to check into if/when our pace slows a bit. I have been checking my Winlink account fairly regularly in an effort to keep up with local UP happenings. Other than continuing bouts of snow, things appear relatively quiet.



One of the last things that I did before leaving home was attend the monthly EC phone conference. A topic of discussion was the upcoming spring exercise. Specifically:

- Date/time
- Scenario (blizzard, tornado, dam breach, plane crash, etc.)
- Local, regional, or statewide (or a combination)
- Frequencies/Modes (2 meter, HF, Winlink, etc.)

So I would like for you to think about these items and come up with some ideas for YOUR spring exercise. I will be back in the area in early April and we will discuss further at that time. If you have thoughts/ideas beforehand, please pass them along to one of the Assistant ECs – Greg, KI8AF, Dave, KD8DRF, or Fred, KD8JIP.

We are always looking for new ARES members. If interested, you can download an application from the ARRL website, [www.arrl.org/ares](http://www.arrl.org/ares) and email it to me at [n8nav1@charter.net](mailto: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.**

Josh, K8FI, is looking for HF radios under \$400. If you can help, contact Josh at:

[Josh1938@protonmail.com](mailto:Josh1938@protonmail.com).

### **Parting Thoughts**

1. From the January Michigan Section Report:

- GET INVOLVED

Work all the W1AW/X stations during the year for WAS. Gather points by contacting ARRL volunteers on the air. All members are worth points check the link. Look for me, I'll be on the air too.

[https://www.arrl.org/files/file/VOTA%20-%20Volunteers%20On%20The%20Air/VOTA\\_2023\\_Points\\_v5\\_2.pdf](https://www.arrl.org/files/file/VOTA%20-%20Volunteers%20On%20The%20Air/VOTA_2023_Points_v5_2.pdf)

- ARRL MICHIGAN YOUTH SERVICES

YACHT stands for Young Amateurs Communication Team the Co-Founder Ed Engleman KG8CX informs me of the following. YACHT consists of young hams from ages 9 to the upper teens. We have an informal Echo Link chat session every weekend at 8 PM EST and a very popular youth net on Saturday evening same time

slot on #954283. We also have HF opportunities for those who have a General or Extra license. The YL SSB System has a youth net on 14.332 on Saturday 3 PM EST with 5 of the youth ham members as net control. One of the youth hams KE0ZNV runs a YACHT youth net on Sat. at 6PM EST at or around 14.327 PM EST depending on QRM.

WEBSITE <https://qsl.net/yacht-arc/home.html>

2. Our east coast correspondent, Pete, K8PT, offered the following:

### **13 Colonies Special Event**

Summer is fast approaching and that means it's time to gear up and make plans for the annual 13 Colonies Special Event, July 1 -7.

This will be the 15th year for the event. This year's theme will be signers of the Declaration of Independence. Each special event station from the 13 Colonies will feature a person from their state. Our friends in England and France will feature a key person related to that period of history. The WM3PEN QSL card will feature Benjamin Franklin.

Last year WM3PEN made over 12000 contacts during the week long event and we are looking to beat that. This is a fun and exciting challenge. Interested in participating as a WM3PEN operator? Contact [WA3PZO@aol.com](mailto:WA3PZO@aol.com).

### **Free Online Amateur Radio Operating Class Starts March 30**

Link to subjects covered by the class:

<https://groups.io/g/WM3PEN/message/1564>

3. From the March edition of Dale's Tales:

- December and January are traditionally light months for hamfests, so the arrival of March means a return to swaps and more socializing – post Covid. Some clubs have experienced venue losses, location and date changes and outright swap cancellations. For many clubs, hamfests are major revenue generators, allowing these groups to continue their many services to members and their communities. Please, let's all step up to assisting wherever possible, by helping at the swap, or most importantly, by attending.
- A note for ECs, ARRL Form 2 for EC reporting was planned for introduction at the end of February. The ARRL is in the process of updating its servers at HQ and in discussion with the Form 2 Developer and ARRL Director of Emergency Management Josh Johnston KE5MHV, it was an easy decision to not implement these two items at the same time. Once the server project is complete, ARRL HQ will roll out the on-line Form 2 for ECs to use in filing their monthly reports.
- A word about nets. Not an admonition, instead, sincere thanks. Truly we have a lot of nets operating these days. Traffic nets, emergency nets, weather nets, technical nets, social nets, mobile nets, club nets, DX nets, scientific nets, and a hundred others that come to mind. Please forgive me if I failed to mention your favorite. Each has a(n) NCS, most have a Net Manager and all have you and me as net participants.

Perhaps ranking right up there with amateur radio clubs, nets insure camaraderie among ham operators. The true unsung heroes to honor here are the NM and NCS who manage to keep their nets energized with up to date schedules, insuring the net is ready to roll on time with a net control station and fulfill its stated mission. At that same instant, the net is bringing together a wide range of interests from its participants, who can share for a brief moment, part of their operating experience. Our thanks go out to the gals and guys who work diligently in the background (and sometimes the foreground) to keep all of our nets operating.

By the way, I am sure we all can recall our first experience as an NCS, I certainly do (and to those of you who have not been an NCS or are about to give it a shot, remember we all went through it). I could not hold my pencil, the mike nearly dropped from my sweaty hand and my 21 year old voice was cracking like I was 13 again. But I got through it and few knew my plight. Now today and few years later, I can't find the pencil, the mike weighs too much to hold and my voice cracks because of those few years.

So now, as a net regular, I encourage you to help your net out a little, offer to take a time slot as net control and give your NCS a day off. Or volunteer to help your Net Manager do some scheduling. Above all enjoy the various nets we have, share some of the ideas, cross some of the barriers, steal the best ideas and continue to improve what we have. Give a really close listen to how the nets operate, see how an HF net may differ from a VHF net or how similar an ARES net may be to a NTS Traffic net. Check in to your local nets and don't miss out on State, Section and Regional HF nets as well.

#### 4. Sad news from several sources:

We are all still in a state of shock on the sudden passing of Les Butler, W8MSP. He was one of the rare breeds of individuals that volunteers to take on the role of Section Manager. His dedication will be missed by all of us at ARRL. His passing unfortunately leaves a big hole in the Michigan field organization. We are very fortunate to have someone to step in and fill the remainder of the current term. I am happy to appoint Larry Camp, WB8R, to serve out this term. Larry is a former Section Manager and well known in the Michigan Section.

Please join me and welcome Larry to this role. You can reach out to Larry at [WB8R@ARRL.Org](mailto:WB8R@ARRL.Org).

Thank you.

Mike Walters, W8ZY  
Field Services Manager  
ARRL

**Les was a familiar face at recent HARA Swaps. We join the rest of the Amateur Radio community in expressing our deepest sympathy. Ed.**

#### 5. From a US Navy group that I frequent:

##### **EV automakers are dropping AM Radio from the vehicles**

A news feed this morning indicated that many EV car makers are dropping AM radio from their vehicles BECAUSE ... the motors in the cars are causing too much interference (surprise, surprise, surprise). That might make amateur radio operators slightly disposed to avoid EV's until/unless they can come up with some sort of mitigation strategy. Of course, it would be not unusual for an amateur to actually mitigate the problem themselves.

Of the 20 automakers surveyed by Sen. Markey, eight — BMW, Ford, Mazda, Polestar, Rivian, Tesla, Volkswagen, and Volvo — have removed AM radio from their EVs.

- Ten others — Honda, Hyundai, Jaguar/Land Rover, Kia, Lucid, Mitsubishi, Nissan, Stellantis, Subaru, and Toyota — still have it.
- General Motors and Mercedes-Benz deferred to the alliance's response.

**The intrigue:** While the problem of radio band interference is broadly acknowledged, only a few carmakers have taken steps to mitigate it.



- Stellantis, parent of Chrysler and Jeep, for example, uses shielded high voltage cables and connectors to cut down on interference. It's also moving the radio receivers farther from the EV components in its next-generation infotainment systems.
- Volkswagen, on the other hand, said such solutions have a significant impact on the range and performance of its EVs, due to the extra weight.

Shielded cables cause range/performance issues because of the extra weight? Hmmm.


73,  
Bill Hickey - WA3H

6. Lucille, KD8PTE, found some information on split frequency operation:

<https://forums.qrz.com/index.php?threads/how-do-you-'work-split'-on-hf.850087/>




7. From Paul, KB0P: Personally, I like THIS picture – Ed!!!



## Green Bay Hamfest!!

**Saturday June 3, 2023**  
**from 8 'til Noon**  
 At the Our Saviour Lutheran Church  
 120 South Henry St  
 On Green Bay's East Side, just off Deckner Ave and Main Street



**Entrance tickets \$5 per person**

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**Featuring Tower Electronics**


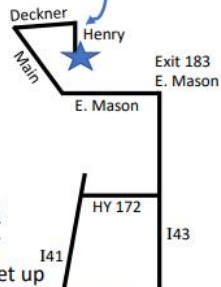
The Ham's dime store & wholesaler to the world since 1978! Specializing in Meters, Insulators, Coax Switches, Duplexers, MFJ Products & Coaxial Jumpers & Cables.

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Huge parking lot for trunk sales/tailgating, PLUS plenty of space indoors with tables available for only \$10 a piece! (Parking lot and facility open for set up at 6:00 AM)

**Be part of the fun!**

- ✓ Food available on site
- ✓ 50/50 Raffle
- ✓ Great Door Prizes\*
- ✓ Meet our ARRL Section Manager
- ✓ Commercial Vendors
- ✓ Trunk Sales/Tailgating
- ✓ FCC License Testing (Contact ks9wi@new.rr.com to schedule NLT June 1)





**TALK-IN: 147.120 PL 107.2**

➤ *This is a great opportunity to see old friends and find lots of electronics bargains.*

**Don't miss out!**

For more information and to reserve a table or parking lot sales space, contact Todd Clausen, W9GRB toddw9grb@gmail.com or 414-455-6374



\*Many thanks to Tower Electronics, DX Engineering, Bioenno Power, ARRL, and Easy Way Ham Books!

Sponsored by the Green Bay Mike & Key Club

8.

### Cadillac Swap

We would be grateful if you could share information regarding our May 6, 2023 hamfest with your members through your newsletter and website if possible. Feel free to use any or all of this flier:

<https://www.wexaukeearc.org/wp-content/uploads/2023/01/2023-Swap-Flyer.pdf>

Thanks, and vy best 73,

Lyn Cryderman, WA8UPB  
President, Wexaukee Amateur Radio Club

## 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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