

April 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

MONTHLY MEETING:
Marquette Co. Health Department
Lower Level, Negaunee Township
Date: **May 4, 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.



FROM THE PRESIDENT

As you may be aware, the ARRL has declared 2023 as the Year of the Volunteer. HARA has many requests each year for our members to volunteer for community events, emergency operations, and to help with our organization. We need **your** help and are asking you to volunteer when the need arises. Many of our members are giving their time and talent each year, but many times it is a small group of members who carry much of the load. After so many years, these folks are starting to burn out. Please consider volunteering to help not only working community events but also helping HARA with such things as the Swap and Shop, Field Day, and our social events such as the summer picnic and annual Christmas party. It's time to volunteer.

73, Lou, KG8NK

V.E. TESTING:

June 3, 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.

June 2023 – Storm Spotter Training provided by the National Weather Service.

The Business

HIAWATHA AMATEUR RADIO ASSOCIATION Monthly Meeting April 6, 2023

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

President Lou KG8NK opened the meeting at 19:00 with introductions and a reminder that the club will be selling more of the equipment from the clubhouse.

Agenda:

The agenda was updated to add an item under Old Business: UP Ham Directory and five items under New Business: Swap, Picnic, Field Day, Bike Race, Generator. A motion to approve the meeting agenda was made by Rich, N8GBA, seconded by Don, N8HDT. Approved.

Secretary's report:

Motion to approve the March meeting minutes as published in the Standing Wave was made by Lee, KD8BJK, seconded by Bill, KE8KCA. Approved.

Treasurer's Report:

Treasurer's Report for April was presented to the members by Mike, KD8JIR. Motion to approve by Fred, KD8JIP, seconded by Steve KE8HEP. Approved.

Correspondence:

New correspondence included two membership renewals, a bank statement, information on the 2023 Foundation Grant and information on the Special Education millage.

Committee Reports:

Repeaters:

Greg, KI8AF reported that Echolink and IRLP are still down. We are waiting on Paul KB0P to purchase a Raspberry PI.

ARES/RACES:

No report. Jim, N8NAV is traveling out of the area.

Old Business:

A Last call for the UP Ham Directories was made. If you didn't get your order in at the meeting, you can order them directly. They should be out at the end of May or early June.

New Business:

- Swap: The Swap will be held in September this year. A Committee chairperson and committee members are needed to organize the event.
- Picnic: The club picnic will be in August. A Committee chairperson and committee members are needed to organize the event.
- Field Day: Field Day will be at the West Branch Township hall again this year.
- Upcoming Events:
Ore to Shore - August 12.
Marquette Marathon - September 2.
If you are interested in volunteering for either event, contact Eric N8RRZ.
- Generator: Tom and Don will be helping Lou get the generators back in working order.

Motion to adjourn at 19:18 by Dave, KD8DRF, seconded by Scott, WU8H. Approved.

Approved Program:

Don N8HDT gave an informative presentation on Digital Radio.

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.
- Newberry Swap – June 10, 2023. Luce Co. Fairgrounds.



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!

N8NAV – On the Road Again!

This year's "winter escape" took three members of the Belles Family to Yuma, Arizona. But as they say, half the fun is getting there! One of the items on my bucket list was to explore at least a portion of famous Route 66. If you recall the words to Nat King Cole's song, the highway starts in Chicago. But since I'm not a fan of big cities, we began our odyssey a bit further down the road.



Coco and I at one of the many Route 66 museums.



Eat your hearts out Mars mission!



Hanging out with my friend Tow-Mater.



The Midpoint Café really is halfway and has great pie!



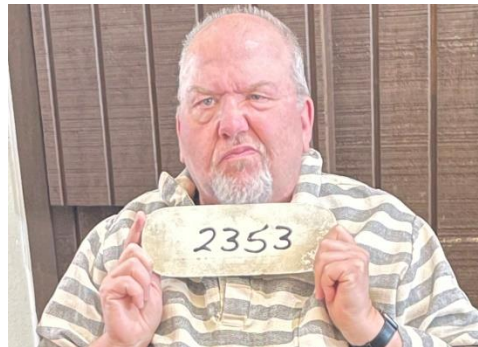
For fans of the Eagles hit, *Take It Easy* the famous corner in Winslow, Arizona.



The last Route 66 stop in Arizona.



If you wonder what happened to the London Bridge, they moved it to Arizona!



Unfortunately, I spent some time in the Yuma Territorial Prison, undoubtedly for some radio-related misconduct.



The Center of the World is in southern California, or so they think.



Part of a Titan II ICBM in the silo at the museum outside of Tucson, AZ.



A dischage antenna outside of the Titan Museum.

HIGH FREQUENCY DISCHAGE ANTENNA

BECAUSE OF ITS SIZE THIS 76-FOOT-HIGH ANTENNA WAS LOCATED OUTSIDE THE MAIN COMPOUND.

THE DISCHAGE TAKES ITS NAME FROM THE DISK-LIKE CONFIGURATION OF METAL POLES AT THE VERY TOP, AND THE CAGE LIKE MAIN BODY OF THE ANTENNA.

THE HIGH FREQUENCY (HF) BAND IT USED (3-30 MHz) IS MORE COMMONLY KNOWN AS SHORTWAVE RADIO.

THE DISCHAGE WAS A SOFT ANTENNA, MEANING THAT IT WAS NOT EXPECTED TO SURVIVE A NEARBY NUCLEAR DETONATION. IF, HOWEVER, IT DID SURVIVE THE ANTENNA PROVIDED THE CREW WITH WORLD-WIDE COMMUNICATION.

THIS ANTENNA IS STILL FUNCTIONAL AND IS OFTEN USED BY VISITING AMATEUR RADIO OPERATORS.

A sign explaining the use of the dischage antenna. Note the last sentence. My HF gear was unfortunately already packed away.



An obelisk marking the site of the first atomic bomb test near White Sands, NM.



I did actually have a shack at our house in Yuma.



My Buddipole antenna in our backyard.

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.

UP Ham Directory

Greg advises that he is no longer taking pre-orders for the UP Ham Directory. If you haven't paid him, the cost is \$5 and you can pick them up at a club meeting or from Greg, KI8AF. He will notify us when they are available.



News

from the desk of N8NAV



Earlier this month we made it home from our 7,400+ mile trip to Arizona and back (see photos elsewhere). It was a great trip and we saw a lot, but it's always good to get home. Thanks to Lou, Greg, Dave and Fred for looking after things in my absence! I did take some radio equipment and I was able to make a contact with Greg on the 10-meter net one Friday.

On the road we ran into some nasty weather. There were wind storms (74 mph gusts) in Oklahoma and Texas that made even our relatively low profile vehicle difficult to steer. On our way home, we were about 20 miles from one of the tornados that hit Missouri. I kept a close eye on the dark and low-hanging clouds, but fortunately saw no rotation. This is a good lead-in to mentioning our annual Skywarn Storm Spotter training which will be coming up soon, so stay tuned.

I have been notified by the Section Emergency Coordinator that the State wants to hold an emergency exercise on June 3, 2023. I don't have any other details at the moment. I am contemplating holding a local emergency drill prior to that. I have some ideas for a scenario rattling around in my head. As soon as I can commit them to paper and work out the kinks, I will be putting the word out to the ARES group.

This is the time of year when UP weather can present challenges. Last week we were in shorts and tee shirts. This week we are back to snow. Some of the counties, including Marquette, are under emergencies for flooding. Stay aware and keep your radios charged and handy. As the scouts say, Be Prepared!

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. Michigan Section News April 2023:

- It does appear that spring is here. Here in Coldwater a few days ago we had our first thunder and lightning of the season. This suggests that we revisit the need for good grounding practices and methods to ensure that our antenna leads are properly grounded whenever we are not actively using them. Truly, an ounce of prevention is worth a pound (or more) of cure.
- Our section Public Information Official Ralph, AA8RK has sent a request to the Governor asking that the week of Field Day be declared as Amateur Radio Week in the State of Michigan. I understand that the Governor's Office has agreed to move forward with the proclamation, and we should have our hands on it in the coming days. We will make copies available for clubs to use in their FD materials.
- Our Michigan Section State Governmental Liaison Ed Hude, WA8QJE is actively working closely with the Michigan Legislature who are working on a Distracted Driving law. As you might expect, if left to the Legislators, amateur radio operators that have and use mobile radio gear could easily find themselves on the wrong side of the law. This pending new law needs to ensure that Amateur Radio operator's rights to use our equipment in our vehicles while driving are not infringed.
- In addition to the Distracted Driving issue, Ed is working on a problem that affects many amateur repeaters in the northern area of the lower peninsula and in the upper peninsula. This problem comes from the Forest Service who have in the past allowed amateur repeaters to utilize some of their towers on which to install repeaters that are used for public safety and training purposes. These repeater clubs and owners have been told that they will soon be charged a very significant fee to remain on the Forest Service towers, Clubs and individual repeater owners have begun pulling their equipment off the towers because they cannot afford the high fees. Our position is that amateur radio repeaters are there as a Public Safety entity and owners should not have to pay exorbitant charges to help the public.

2. Dale's Tales - April 2023:

- The sudden and tragic loss of Michigan Section Manager Les Butler W8MSP stunned us all and now our thoughts go out to Karen KB8AKC in this very trying time. Les was a familiar visitor at Michigan hamfests and meetings, both as Section Manager and as a very active QSL Card Checker. His enthusiasm, smile and eagerness to assist and promote amateur radio and ARRL will leave a huge void in our lives.
- ARRL Members take note, Headquarters will be conducting a membership survey the entire month of May to determine your input about how our membership can be bundled. Rising costs in every category of our operation (and life) affect how we continue to support our members. Interestingly, we have some options for how we can support membership with digital, vs printed publications as they are included as part of membership. Your direct input regarding some of these options is needed and valued in this survey, look for the survey to appear on the arrl.org web page in early May.
- The Great Lakes Division will once again have a booth at Hamvention inside the ARRL area, just like last year. We are asking everyone to bring a QSL Card with them to post on the Division's Brag Board. We were overwhelmed last year with the amount of great QSL Cards that we got. This year we are making sure that you know well in advance so that we can have even more cards on display. And, we WILL have a much larger Brag Board to display all the great cards we get! Be sure to stop by... and don't forget to bring your QSL card with you to post!

3. Ham Bootcamp May 13th:

The Nashua Area Radio Society will be holding an online Ham Bootcamp on Saturday May 13th from 10:00 am to 6:00 pm Eastern Time.

Ham Bootcamp is a program to help new, inactive, and prospective hams gain the skills and information that they need to Get on The Air. It is open to any interested Ham or Prospective Ham in the US and Canada and there is no charge to attendees.

The morning session is geared toward operating on the VHF/UHF bands:

- Putting together a Station for Repeaters - How to pick an HT or Mobile Radio and an Antenna
- Radio Programming Tutorial
- Making Contacts and Joining a Repeater Net
- Getting Started with Amateur Radio Satellites
- Getting started with Fox Hunting

The afternoon session is geared toward operating on the HF Bands:

- Putting together an HF Station for SSB, CW, and Digital
- Picking and putting up an HF Antenna, Feedlines, and Grounds
- Operating on the HF bands using SSB Voice
- Getting started with WSJT-X and FT8 Digital

There will also be breakout sessions where attendee can choose one of the following topics:

- Learning CW
- Intro to EmComm
- Finding DX, Logging and QSLing
- Portable Operating

... and more! Registration is now open for the May 13th session. You can get more information about Ham Bootcamp, including a link to register at n1fd.org/bootcamp If you have any questions, you can contact us at bootcamp@n1fd.org. Registration is required to receive the link to the web conference.

4. From Paul, KBOP:



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

Great Commercial Vendors 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.

-and-

Wolf River Coils offering a wide variety of products for mobile,
portable, and base station needs.

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!

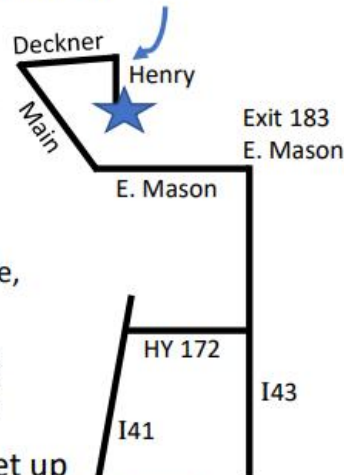
- ✓ Food available on site
- ✓ 50/50 Raffle
- ✓ "Bucket Drawings"*
- ✓ Great Door Prizes*
- ✓ Meet our ARRL Section Manager
- ✓ Commercial Vendors
- ✓ Trunk Sales/Tailgating
- ✓ FCC License Testing (Contact ks9wi@new.rr.com to schedule NLT June 1)

TALK-IN: 147.120 PL 107.2

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,
Ham Radio Outlet, ARRL, and Easy Way Ham Books!*



Sponsored by the Green Bay Mike & Key Club

5.

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>

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. Club info, membership, dues, etc. can be found on our website at www.qsl.net/k8lod. Annual membership dues can be sent to the above address directly.