

September 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: **October 5, 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 this is my last report as president, I wanted to give you a brief history of my Ham Radio journey thus far. I got involved with Ham Radio around 1993 when several of my hunting buddies wanted to be able to communicate with each other during deer season. (CB radio was not working.) Shortly after this I became interested in other adventures within this amazing hobby and got my General, Advanced, and Extra licenses. I bought an HF radio and started my large collection of Ham Radio gear (and it keeps growing). About 22 plus years ago I joined HARA, and for the past 17-18 years, I have held the position of president.

I have enjoyed my time serving as your president and feel that I am leaving the leadership role satisfied with the job I did. I have many good memories of this time and the friendships that were formed. Let the Ham Radio journey continue.

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 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
September 7, 2023

Attending: President – Lou, KG8NK; VP – Greg, KI8AF; Treasurer – Mike, KD8JIR, Secretary – Scott, WU8H, 14 additional members, and 1 guest.

President's Comments: President Lou KG8NK opened the meeting at 19:00 with a history of his activities with the club and introductions.

Agenda: Three items were added:

- HARA Swap was added under Old Business.
- 2024 Club Officer elections was added under New Business.
- Lake Superior Performance Rally (LSPR) was added under New Business.

A motion to approve the meeting agenda was made by Fred, KD8JIP, seconded by Rich, N8GBA. Approved.

Secretary's report: No secretary's report as the picnic was held in August in place of the regular membership meeting.

Treasurer's Report: Treasurer's Reports for June and July were handed out at the picnic. The August report was presented to the members by Mike, KD8JIR. Motion to approve all 3 reports made by Rich, N8GBA, seconded by Dave, KD8DRF. Approved.

Correspondence: New correspondence included Sands Township Rental Deposit refund checks and bank statements.

Committee Reports:

Repeaters:

Greg, KI8AF reported that the 146.64 (Gwinn) repeater is "deaf" (transmits but doesn't receive.) The cans on that repeater may need tuning. The .91 repeater is also currently down.

ARES/RACES:

- The Ore to shore and Marquette Marathon events went well. The Ore to Shore had over 2,500 riders and the marathon had 300+ runners.
- October is SET (Simulated Emergency Test) month. The scenario, suggested by Marquette Co. Emergency Manager Brian Hummel, will be a wildfire somewhere in the county. Jim, N8NAV will be sending out additional information.
- If you work any of the events, please make sure to send in your hours (including commute time) so you get credit. Jim has to submit his ARES report to Lansing by 10th of the month, so he would like your hours by the 5th or 6th so he has time to compile them.
- Contact Jim, N8NAV for more information on anything ARES related.

Old Business:

- The HARA Swap & Shop is September 16th at the Negaunee Township Hall from 9:00 am to 1:00 pm. Volunteers are still needed. If you are willing to help, let Greg, KI8AF know. Setup will be held on Friday evening at 6:30 pm. Vendor and volunteer access will begin at 8:00 am on Saturday. Doors open to the general public at 9:00 am. There will be no sales prior to 9:00 am. See additional information elsewhere in the newsletter.

New Business:

- Officer Election: The following people are currently nominated for the October Club Officer election:
 - President - Tom Perry, KE8TPT
 - Vice President - Brad Mattson, KE8TPS
 - Treasurer – Mike Beltz, KD8JIR has agreed to continue as treasurer
 - Secretary - Scott Machalk, WU8H has agreed to continue as secretary but will likely be moving to the Keweenaw in the next year or 2 so would like to find a replacement.

Additional nominations and voting will take place at the October meeting.

- LSPR: Tom Nelson, N0GQA, the Communications Director for the Lake Superior Performance Rally (LSPR) gave an overview of the need for volunteers for the upcoming rally on October 13th-14th. He is in immediate need for four (4) Ham operators during Saturday, October 14, from approximately noon to 6pm.

Because of the terrain, a VHF mobile with a large antenna would be useful. If you are interested in volunteering, you can visit the volunteer section of the LSPR web site <https://www.lsprorally.com/>

Adjourn:

Motion to adjourn at 19:44 by Scott, WU8H, seconded by Tom, KE8TPT . Approved.

Presentation:

Dave, W7DEG, gave an informative presentation on AllStar Digital Mode. More information can be found on the video: <https://www.youtube.com/watch?v=iCZsMFrVJIM>.

Minutes submitted by Scott WU8H

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, Mgt. 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 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!

Comings and Goings 2023

The below pictures are just a sampling of what our club members have been up to recently. If you have photos to share, please send them to me at n8nav1@charter.net.



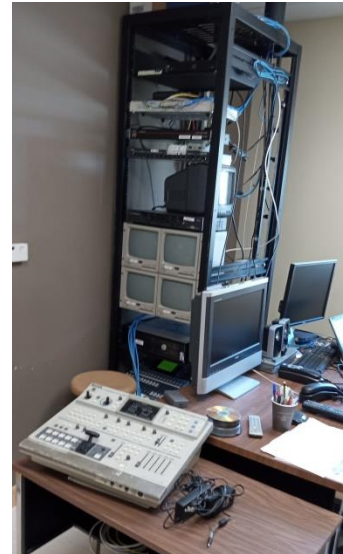
On August 12th, HARA Hams provided communications for the Ore to Shore Mountain Bike Epic. Over 2,500 riders participated in the various rides!



On September 2nd I had the privilege of working an aid station for the Marquette Marathon and enjoying the company of the NMU Men's Soccer team during the morning.



In the afternoon, an enthusiastic group from the NMU Women's Lacrosse team took over!



Recently, Dave, KD8DRF, and his lovely wife, Alma, embarked on a trip to the “other side” (Canada). During their trip they had an opportunity to visit the Atikokan (Ontario) Emergency Center. VA3EOA is a Winlink RMS server site.

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>.

I recently received the following unsolicited email regarding the upcoming ARRL Director election (Ed.):

The election for ARRL Great Lakes board director is this fall. We have two candidates - Scott Yonally, N8SY, and Michael Kalter, W8CI. Their websites are <https://n8sy.com/> and <https://www.w8ci.net/>. If you want to post that in the newsletter, that would be great. I am not sure how ARRL intends to do the voting, but I assume they will send members something in the mail.

73,
Dan - NC8R



News

from the desk of N8NAV



For the past couple of months I have been mentioning the upcoming annual ARRL-sponsored Simulated Emergency Test (SET) which is usually held in October. Our Marquette County Emergency Manager, Brian Hummel, has given us a “real world” scenario to work with and your local ARES leadership is working out the details. **ARES members, keep an eye on your email account that I have on file!**

I want to (again) reiterate an ongoing request. As you can see from the photos elsewhere in this issue, our local Hams are **VERY** active in public service events. If you are an ARES member, the time you spend supporting these activities counts toward the volunteer hours that I record each month in my monthly report to Lansing. I have to have this report to them usually by the 10th of the month. So in order for you to get credit for your hard work, PLEASE drop me an email (n8nav1@charter.net) by – say – the 5th of the month (I usually need a couple of days to compile the information). Give me the name of the activity and the number of hours, including drive time, that you spent on assignment. If I need clarification, I will ask. And while on the subject, the same goes for any sort of radio-related training that you attend. If you are unsure of what counts, send it to me anyway.

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 Michigan Section News:

With fall (and winter) fast approaching, now is the time to take a serious look at your antenna systems to make upgrades and/or repairs as needed. We have all spent time standing in the snow repairing that wire antenna that came down in the winter's first storm. Those repairs, while necessary, are much easier to do while the weather is above freezing. Of course, you may subscribe to the old-timer's theory that "The best antennas go up in the worst weather."

Fall is also a good time to fine tune your local club's plans for the fall and winter. Many clubs have special holiday activities that help bring the membership closer together, strengthening the bonds of friendship among fellow amateurs. Cold weather is good planning weather.....

That wraps it up for this month. My challenge for you this month is to try something new. Learn a new skill, operate a new mode, try a different approach to an old activity, make a new friend, help a fellow ham, encourage a ham to join the ARRL, and find a way to make a difference!

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

2. More news from Larry, WB8R:

Subject: Two Exciting Upcoming Scientific Events

From the North New Jersey PIC:

October 14, 2023, and April 8, 2024, will bring both an annular and then a total solar eclipse. These celestial events will be followed widely by hams because of the sudden and dynamic changes that occur in the ionosphere during an eclipse. While much is known about ionospheric propagation, much is still to be learned. And these will be the last two solar eclipses in North America for nearly 20 years.

ARRL is partnering with HamSCI – the Ham Radio Science Citizen Investigation to encourage amateurs to get on the air and operate as part of the The HamSCI Festivals of Eclipse Ionospheric Science. Propagation experiments will include the Solar Eclipse QSO Party using CW, FT4/8, SSB and other digital modes and The Gladstone Signal Spotting Challenge (GSSC) using CW, WSPR and FST4W modes. The October 14th event will run from 1200-2200 UTC and amateurs may operate on any band and any mode from 6-160 meters (except the WARC bands.) All the details may be found at www.hamsci.org/eclipse.

If you have any questions or know of a club that would be interested in having a presentation to learn more about the science around the events, please contact the HamSCI Public Relations Officer, Ed Efczak WX2R at pressrelations@hamsci.org. Ed is also the PIC for the ARRL Northern New Jersey section. Help your local hams to save the dates...get on the air...and send in a log. Help be a part of science! 73, Ed - Ed Efczak Public Information Coordinator American Radio Relay League Northern New Jersey Section 802-282-6700

3. And one last one from Section Manager Larry:

Please take a look at the enclosed link to the Federalist Papers article about ham radio and preppers. This might be useful in a campaign to encourage interested folks to investigate ham radio and how it could be useful to them.

<https://na01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fthefederalist.com%2F2023%2F08%2F30%2Fpart-social-media-and-part-preppers-paradise-ham-radio-is-the-perfect-hobby%2F&data=05%7C01%7C%7Ca0a8b7014e33460d6d7708dbaaaf38988%7C84df9e7fe9f640afb435aaaaaaaaaaaa%7C1%7C0%7C638291735187960870%7CUnknown%7CTWFpbGZsb3d8eyJWIjoiMC4wLjAwMDAiLCJQIjoiV2luMzIiLCJBTiI6IklhaWwiLCJXVCi6Mn0%3D%7C3000%7C%7C%7C&sdata=y1zIFS3yuVMEGKsMiEeSCN7sz80Njn6UVuleCjIqh4%3D&reserved=0>

Thanks to ED Hude, WA8QJE (ARRL MI Government Liaison) for bringing this to my attention.

Have a good weekend and stay safe!

4. From the September edition of Dale's (WA8EFK) Tales:

I think we all can agree that the weather for 2023 has been literally unbelievable. All three Sections of the Great Lakes Division, Kentucky, Michigan and Ohio have faced flooding, tornadoes, ice storms, severe heat, drought almost without precedent. Reports of Amateur Radio support for local Emergency Management, the National Weather Service, Red Cross, Salvation Army and a host of other Non-government agencies have been very favorable. We have faced disaster after disaster in the past year and are meeting these challenges. A lot of thanks goes out to ARES and NTS teams for providing needed communications during these events and in the interim, taking the necessary time to train and learn about how our served agency partners operate and what their communications needs really are. Jumping into the fray with a radio on your hip just does not cut it anymore, (if it ever did). More and more we find ourselves using the standardized forms the agencies are using, and insuring consistent and reliable message delivery.

There are many more people who deserve thanks for their often unsung efforts. The operators, the technologists, the DXers, the Contesters and the rag chewers immediately come to mind. The Contesters and DXers put our equipment to the real test, pushing the envelope, working through QRM and QRN and showing us all how to improve on these skills. And the people on the technical and development side are likewise giving us new modes and equipment based upon the experience of those operating under critical conditions. Let's not forget the goodwill efforts of many DXpeditioners who demonstrate ham radio to many areas of the globe, help them form new amateur radio clubs and even provide them with their first equipment from the DXpedition. Even the casual operators, the rag chewers, play an important part in keeping ham radio viable as an important community resource. One has to feel proud and honored just to be even a small part of this wonderful adventure called Amateur Radio.

5. From Vice Director Scott, N8SY:

There's a new ARRL video that helps members navigate our digital magazines. This video is helping our members get more out of their digital magazine experience. ARRL members all have digital access to four high quality magazines: QST, On The Air, QEX, and NCJ. If you have questions or concerns about how to get the most out of the digital editions, this new video on the ARRLHQ YouTube channel will help walk you through it. The video, hosted by Jherica Goodgame, KI5HTA, explores many features including switching between magazines, saving to PDF, searching for content, bookmarks, and zooming in to content. It covers the web browser version, as well as the Android and iOS applications. If you download the ARRL Magazines app for Android or iOS, ARRL will send a notification to your device when a new edition is available for reading. The video may be viewed at the following link: <https://youtu.be/vmZflC2IUIs>



6. From our very own Greg, KI8AF:

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

The Hiawatha Amateur Radio Association Swap & Shop is on **Saturday September 16th** at the Negaunee Township Hall on M-35 just south of the U.S. Hwy 41 and M-35 intersection.. We will be setting up the sales table on Friday evening September 15th starting at 6:30 PM. If you are in the area and would like to set up your table in advance please feel welcome to do so on Friday evening.

For those with tables the doors will be open starting at 8:00 AM Saturday. General admission to the event will open at 9:00 AM. If you are working the event or have a table you can enter at 8:00 AM. **NO OTHERS WILL BE ALLOWED IN.** There **WILL NOT** be any sales prior to the doors opening at 9:00 AM.

General admission for all is \$5 plus \$6 per table. Table sales can be paid at the ticket sales desk in the front hall.

Also and as always help will be needed Contact Greg KI8AF at ki8af@arrl.net

Do you need a sales table? If so contact Greg KI8AF at ki8af@arrl.net



7. From our East Coast correspondent, Pete, K8PT:

A free, weekly, live, Amateur Radio Technician Class Licensing course on Zoom will begin on Thursday, Sept 7, and will run through Thursday, October 19 (7 sessions). The three-hour sessions will start at 6:30 PM Eastern Time. These are the classes that we have been holding for years sponsored by the National Electronics Museum. Please publicize this with anyone you know that you think would be interested. Those wishing to sign up should email me at roland.anders@comcast.net.

**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



On September 9th, members of the HARA VE team conducted a license exam. We are happy to report one new Technician has been added to our group! Pictured are Rich, N8GBA, Brad, KE8TPS, Greg, KI8AF, Scott, W8HU, and Thomas (call to be determined).

Factoids

1. Hamvention 2023 set an attendance record of 33,861 visitors!
2. The announcement for our 2023 HARA Swap & Shop was listed on page 86 of the September issue of QST magazine. Good job swap committee!

And finally, from our friends at FEMA:

Release Date:
August 3, 2023

Test Messages Will be Sent to All TVs, Radios and Cell Phones

WASHINGTON -- FEMA, in coordination with the Federal Communications Commission (FCC), will conduct a [nationwide test](#) of the [Emergency Alert System](#) (EAS) and [Wireless Emergency Alerts](#) (WEA) this fall.

The national test will consist of two portions, testing WEA and EAS capabilities. Both tests are scheduled to begin at approximately 2:20 p.m. ET on Wednesday, Oct. 4.

The WEA portion of the test will be directed to all consumer cell phones. This will be the third nationwide test, but the second test to all cellular devices. The test message will display in either English or in Spanish, depending on the language settings of the wireless handset.

The EAS portion of the test will be sent to radios and televisions. This will be the seventh nationwide EAS test.

FEMA and the FCC are coordinating with EAS participants, wireless providers, emergency managers and other stakeholders in preparation for this national test to minimize confusion and to maximize the public safety value of the test.

The purpose of the Oct. 4 test is to ensure that the systems continue to be effective means of warning the public about emergencies, particularly those on the national level. In case the Oct. 4 test is postponed due to widespread severe weather or other significant events, the back-up testing date is Oct. 11.

The WEA portion of the test will be initiated using [FEMA's Integrated Public Alert and Warning System \(IPAWS\)](#), a centralized internet-based system administered by FEMA that enables authorities to send authenticated emergency messages to the public through multiple communications networks. The WEA test will be administered via a code sent to cell phones.

This year the EAS message will be disseminated as a Common Alerting Protocol (CAP) message via the Integrated Public Alert and Warning System-Open Platform for Emergency Networks (IPAWS-OPEN).

All wireless phones should receive the message only once. The following can be expected from the nationwide WEA test:

- Beginning at approximately 2:20 p.m. ET, cell towers will broadcast the test for approximately 30 minutes. During this time, WEA-compatible wireless phones that are switched on, within range of an active cell tower, and whose wireless provider participates in WEA, should be capable of receiving the test message.
- For consumers, the message that appears on their phones will read: "THIS IS A TEST of the National Wireless Emergency Alert System. No action is needed."
- Phones with the main menu set to Spanish will display: "ESTA ES UNA PRUEBA del Sistema Nacional de Alerta de Emergencia. No se necesita acción."

WEA alerts are created and sent by authorized federal, state, local, tribal and territorial government agencies through IPAWS to participating wireless providers, which deliver the alerts to compatible handsets in geo-targeted areas. To help ensure that these alerts are accessible to the entire public, including people with disabilities, the alerts are accompanied by a unique tone and vibration.

Important information about the EAS test:

- The EAS portion of the test is scheduled to last approximately one minute and will be conducted with the participation of radio and television broadcasters, cable systems, satellite radio and television providers and wireline video providers.
- The test message will be similar to the regular monthly EAS test messages with which the public is familiar. It will state: "This is a nationwide test of the Emergency Alert System, issued by the Federal Emergency Management Agency, covering the United States from 14:20 to 14:50 hours ET. This is only a test. No action is required by the public."

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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