

Hiawatha Amateur Radio Association of Marquette County
"ARRL Affiliated Since June 7, 1933"

July 2025

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 or 381, 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:
HARA Monthly Meeting
Summer Picnic
Sands Township Hall
Date: August 7, 2025
Start: 5:30 PM (Social gathering)

CLUB OFFICERS for 2025
Pres: Tom Perry KE8TPT
VP: Brad Mattson KE8TPS
Treas: Mike Beltz KD8JIR
Sec/EC: Scott Machalk WU8H
Board Members:
Lou Gembolis KG8NK (Past Pres.)
Jim Belles, N8NAV (Retired 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

Update for those of you who don't attend the monthly HARA meetings (to see what you are missing). The new backup .27 repeater has been installed in the rack at the tower site. We need to redo some coax cables and some other minor modification to get it 100% operational. The .82 repeater got hit by lightning a while back and took out the VXR-7000 repeater. Our spare DR-1X repeater was put into service temporarily. It is not currently linked to the .27.

We need help to install our radio antennas at the new Marquette County EOC. We need a "younger" body to climb up in the rafters to fish the coax through the wall. By younger I mean less than the 60-70+ year old guys who have already signed up to help. You need to be nimble! The whole project should only take a few hours, IF we can get a climber. If you can help out contact, Scott, WU8H, Greg, KI8AF or Tom KE8TPT. We can work around your schedule.

There is an opportunity to help out with ham radio communications at the Iron Mule car rally based out of Felch on Aug 22-23, 2025. If interested, contact Tom, KE8TPT.

The August meeting will be held as usual as a picnic at the Sands Township Hall. Bring a dish to pass. Peace.

73 Tom KE8TPT KE8TPT@gmail.com

V.E. TESTING:

Stay tuned! *Marquette: 8:30am eastern time, (arrive by 8:00am) Marquette County Health Department conference room, located in the basement. The Health Dept. is located on 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@arrrl.net.

There are new procedures for license testing recently implemented. Please see Greg's memo at the end of this newsletter for specific guidelines.

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

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 Brad Mattson @ barbarajaquesestavez@braxmail.net

The Business

HIAWATHA AMATEUR RADIO ASSOCIATION

July 10, 2025

The regular monthly meeting of the Hiawatha Amateur Radio Association was held on Thursday July 10, 2025 at 7:00 pm at the Marquette County EOC, the President being in the chair and the Secretary being present.

In attendance were Tom KE8TPT - President, Brad KE8TPS - Vice President, Mike KD8JIR - Treasurer, Scott WU8H - Secretary, 8 additional members and 3 guests. A quorum was met.

The meeting minutes of the June meeting, as published in the Standing Wave, were approved.

ARES/RACES:

- Jim, N8NAV announced the results of the October 2024 ARRL-sponsored Simulated Emergency Test (SET). As published in the July issue of QST, Marquette County took 4th place in Michigan and 1st place in the UP! Nice work everyone!
- Scott, WU8H was officially named ARES EC for Marquette County effective July 10.

Repeater Committee:

The following updates were reported:

- 146.82/Ely Township - Tom, KE8TPT, Brandon, N8PUM and Gary, KD8OXD made a site visit along with Al, W8FYZ, (NMU key holder). The repeater was struck by lightning. The spare DR-1X was put into service until the VXR-7000 can be repaired. It is not linked to the .27 at this time.
- 147.27/Negaunee - Tom, KE8TPT, Greg, KI8AF and Scott, WU8H installed the system in the rack at the tower site. We need to make a return trip with some small bits of material, i.e. coax, power strip, ground wire, etc, to get it up and running. So far so good.



A couple of shots of the “new and improved” .27 repeater.

New Business:

- A motion was made to reimburse Tom, KE8TPT, for \$151.45 and Scott, WU8H for \$94.84 for expenses related to installation of the 147.27 backup repeater. Motion passed.

The meeting adjourned at 7:29 pm.

Scott Machalk, WU8H, Secretary

Presentation:

Pat, W8PTZ, gave an informative presentation on APRS.

Special Note from President Tom

As currently available, the below is a listing of Program Presentations:

Looking for presentations!

Special Note from Treasurer Mike

The Marquette Post Office was/is going through a renovation. The HARA club post office box has changed from 1183 to 381. Post office officials have assured Mike that either number will get the mail to him.

Friday Lunch is back!

(meet in the back room at Big Boy at 11:00 am)



Left side: Marge (XYL of Bill, KE8KCA), Fred, KD8JIP, Rich, N8GBA, Bill, KD8ZEG, Joe, AJ8MH, Greg, KI8AF
Right side: Bill, KE8KCA, Lou, KG8NK, Judi, KE8LRW, Sheri, KD8EDS, Mike, KD8JIR, Bill, KD8ZMJ, Dave, KD8DRF

Happenings!

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

- Delta Co. Swap, August 2, 2025, American Legion, Rapid River.
- HARA Summer Picnic, August 7, 2025, Sands Township Hall.
- Ore to Shore Mountain Bike Epic, August 9, 2025, Marquette area.
- Marquette Marathon, August 30, 2025, Marquette.



HARA 10-meter Net

Some years 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. The group meets on **28.396** (+/- QRM) 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

Parks on the Air (POTA)

Ongoing

For details, see their website at:

www.parksontheair.com.

Field Day 2025

Unfortunately, I was otherwise engaged (recovering from surgery) on Saturday, June 28th. So I was unable to participate with the Field Day crew at the West Branch Township Hall. I understand that a good time was had by all, as the following pictures indicate. Photo credits received from multiple sources!



Fancy advertisement!



A well erected dipole.



Interesting cooking method.



War, or sea, stories?



Some nice equipment!



Bruce, KG8YT focused on CW.



Greg, KI8AF to Bruce, "I didn't quite get that".



Show & Tell.



Bill, KE8KCA hard at work.



News

from the desk of N8NAV



At the time of my June article, I had not yet perused the July issue of QST which, according the content – is largely dedicated to Public Service. Accordingly most of this month’s musings will be quoted from that issue, so here we go:

Pages 61 through 63 are an article entitled *A Case for Standardizing EmComm Training* by John Minard, W5JXN and J.M. Rowe, N5XFW. I will quote from the wrap-up: “Many hams are already trained through the ARES program and have successfully served their communities for decades. Ultimately, it is up to the served agencies and organizations to determine what certifications they require for volunteers. The training ARES provides is similar to the AUXCOMM program in many ways, including tasks associated with what is expected of AUXCs and ACMS. ARES also provides an organizational structure through the national, district, Section, and local levels that helps coordinate hams and resources during times of need.

ARES has always been a solid foundation of EmComm, (**E**mergency **C**ommunications – Ed.) upon which a successful AUXCOMM program can be built. The basic requirements to be an ARES volunteer are easy enough to fulfill through having an amateur radio license and a heart of service, and they pair well with AUXCOMM training. However, AUXCOMM is designed to work with an ICS organization.

This makes the prerequisite Federal Emergency Management Agency Independent Study courses, which ARES recommends, a requirement for AUXCOMM training. Many operators are surprised to learn that AUXCOMM does not teach operational techniques and technical skills, but how to function within a standardized ICS organization. Having the AUXCOMM certification tells served agencies from the start that the volunteer communicators have the requisite skills.

Hams have longed played a critical role in EmComm, but the lack of standardized training and protocols has hindered their effectiveness in disaster response. By incorporating the PACE* communication model and integrating with ICS and AUXCOMM, we can enhance amateur radio’s coordination, reliability and efficiency during emergencies. Standardizing training will equip operators with the necessary skills and ensure seamless integration into the broader incident management framework.”

* In a nutshell, PACE is a separate form that the EC completes usually prior to an exercise or event listing the **P**rimary, **A**lternate, **C**ontingency and **E**mergency frequencies and/or modes that will be utilized.

The above reinforces what I have been advocating for months (years?). The days of just showing up to an emergency with an HT and no prior training/experience are pretty much over. In order to be truly effective in providing meaningful communications support, we hams – and I include myself in this statement – have to obtain exposure

In October 2024, the Marquette Co. ARES group participated in the ARRL-sponsored Simulated Emergency Test (SET). As you can see from the snapshot, we placed 4th overall in Michigan and 1st among District 8 (UP counties)! Well Done to all who participated!

This will be my final article in this space, although I may pop up elsewhere from time to time. Scott, WU8H has replaced me as Marquette Co. ARES Emergency Coordinator effective July 10. It has been a true honor and privilege to have been your EC for the past five years! I am sure that you will show Scott that same level of dedication. We are always looking for new ARES members. If interested, contact Scott at smachalk@gmail.com.

Great Lakes Division		
Michigan		
Wayne Co.	NK3H	233
Saginaw Co.	KCBYF	170
District 5	KDBRP	142
Marquette Co.	N8NAV	124
Muskegon Co.	KICOP	118
District 6	NSUKH	108
Emmet	WSNWO	107
Charlevoix Co.	WSNWO	105
Charlevoix Co.	WSNWO	105
Lapeer	KIPDC	66
Alcona Co.	KDBZYW	76
Delta Co.	NJUV	33
Groton Co.	NOBY	33

73, Jim, N8NAV

Buy, Sell, or Trade

Please advise when items have been bought or sold.



Bill, KD8ZMJ has an HF and 2-meter antenna system for sale. The HF side is a wire dipole (on the left) and the 2-meter (on the right) is from Comet. Bill is selling the antennas, masts and coax for \$150. **The equipment has all been taken down.**

Bill has moved. So if interested, contact Mike, KD8JIR at: mbeltz@tds.net.



Parting Thoughts

1. From the ARRL Great Lakes Division:

Subject: The Great Lakes Division Mid-Month Newsletter is ready for you to enjoy!

Hey Gang,

There's lots of great new information for you to read from the Section Managers as well as a few great articles that you just won't see anywhere else. So, grab your favorite beverage, a snack to munch on and relax around the pool and have a great read!!

https://arrl-greatlakes.org/glnews/2025/07-5-radio_waves.pdf

73,

Scott, N8SY

2. More from ARRL:

Michigan Section News July, 2025

Greetings to all who read this:

Summer is here and the first burst of hamfests in the Spring have been completed and the mid-summer swaps are few and far between. Obviously, the summer heat is a factor, plus it is prime family vacation time, Things pick up again in September and we will be busy up through mid- October and onto the season finale in early December.

ARRL Michigan Events

The hamfest season is in full swing in Michigan with a strong number of swaps organized and on the docket for 2025. Hamfests are a good barometer for determining several things: economic conditions, general attitude of the amateur population, and of course, the weather conditions always play a role in hamfest travels.

Here is the Michigan hamfest schedule as of this writing (w/callsign of ARRL Official planning to attend):

Jul 26, 2025 Blossomland Hamfest, Berrien Center. MI (TBD)

Aug 2, 2025 U.P. Hamfest, Rapid River, MI (TBD)

Sep 6, 2025 Grand Rapids Area Hamfest, Wyoming, MI (WB8R, K8TB)

Sep 13, 2025 OAARS Hamfest, West Branch MI (TBD)

Sep 13, 2025 GMARC Trunk Swap, Shelby Twp, MI (TBD)

Sep 14, 2025 Adrian Hamfest, Adrian, MI (WB8R)

Sep 20, 2025 Top of Michigan ARC Hamfest, Gaylord, MI (WB8R)

Oct 4, 2025 Kalamazoo ARC/SMART Vintage Electronics Expo (WB8R)

Oct 4, 2025 Copper Country Hamfest, Baraga, MI (TBD)

Oct 11, 2025 Muskegon Color Tour Hamfest, Muskegon, MI (WB8R)

Oct 19, 2025, USECA Hamfest, St. Clair Shores, MI (TBD)

Dec 7, 2025 LCARC ARC Hamfest, Troy, MI (WB8R)

That's it for now. Travel safely and I hope to see you at an event sometime this year. If you are attending any of the hamfests that I am scheduled to attend, be sure to stop by and say hello. And, as always, Stay Radioactive!

Best 73,

Larry WB8R

wb8r@arrl.org

517-617-4883

3. And more from the ARRL:

ARRL® Logbook of The World® Return to Service

Dear LoTW user,

ARRL The National Association for Amateur Radio® will return Logbook of The World® (LoTW®) to service at 10:00 AM EDT on Wednesday, July 2, 2025.

We are happy to be bringing the upgraded LoTW servers online, as we know radio amateurs around the world rely on LoTW to receive QSLs and apply for awards. The improvements we made will make no change in the visual appearance of LoTW but will provide enhanced performance and continued reliability of the system.

To those LoTW users who donated in response to my letter last week—thank you! Over \$4,000 was raised in this short time. But there's still work to be done and funding the ongoing operations of LoTW is critical.

If you are not a member of ARRL, please join! There's no better way to support LoTW. If you'd like to donate, there's still time for you to help! You can make your LoTW supporting gift of \$20, \$50, or more toward the [ARRL LoTW Fund](#) or visit www.arrl.org/donate to support the maintenance and expansion of LoTW.

Thank you, and very 73!

David A. Minster, NA2AA
ARRL CEO

About Logbook of The World®

Logbook of The World® -- LoTW® -- is a web-accessed database and repository that enables you to submit electronic logs for amateur radio contacts (QSOs) and for confirmation (QSLs). Users can view submitted QSOs and resulting QSLs online. Radio amateurs can use LoTW to track their progress toward achievements and awards, such as The ARRL Worked All States Award, and amateur radio's premier award, DXCC®, in which membership is achieved by confirming on-the-air contacts with 100 countries. LoTW was introduced by ARRL in 2003. Today, over 2.1 billion QSO records have been entered into the system.

4. And one from Pete, K8PDC:

CQCQCQ: We have a great opportunity to offer a Tech class to members of your community that might be interested in participating in the great hobby of Amateur Radio!

Thanks to the Chippewa Club and Bob Sterner KB0BS for bringing this program to D8.

Please reach out and invite anyone interested to sign up.

73'
Pete/k8pdc
D8EC

5. And for the lighthouse lovers:

Eagle Harbor Lighthouse Special Event

The KCRA (Keweenaw Co. Repeater Assn.) will be operating K8L from the Eagle Harbor Lighthouse on Saturday August 16, 2025. We anticipate most activity will be on 40 and 20 Meters using FT-8 or phone.

Jeff W9GY

Jeffrey Stricker

6. Pam Kauppila, owner of Time Flies Quilt and Sew, of Negaunee Township, attended the meeting on July 10, 2025. She wanted to spread the word that she is seeking a qualified candidate to join her team as a Consumer Sewing Machine Repair Technician. This is a rewarding and long-lasting career opportunity specializing in mechanical and technical repair work. This position involves diagnosing, servicing, and repairing a variety of consumer-grade sewing machines to ensure optimal performance and customer satisfaction. Specialized training and mentoring is available to the right candidate.

Pam is the spouse of Rick Kauppila, W8LHT, and has her novice license that she earned over 40 years ago, KA8YEF. She professes to have never used it, but her husband has kept both licenses registered through the years.

Rick has been through many weeks of Bernina Certified Technician training in Aurora, IL, home of Bernina USA, and it currently Pam's lead technician. Bernina is headquartered in Steckborn, Switzerland, and is a family owned company that has been in business almost 135 years. They have a reputation of being the best in the industry. Time Flies Quilt and Sew is a Bernina Sewing Machine Dealership that serves the Upper Peninsula and Northern Wisconsin. The business was started in 2018 and offers all types of domestic sewing machines, sergers, and long arm quilting machines.

For more information on the position, Pam can be reached at the store, 906-401-0245. The business is located at 116 US Hwy 41E, Negaunee, MI 49866. Look for mile marker 125.

HARA'S Amateur Radio Licensing Testing Procedure

By Greg, KI8AF

1. Get an FRN

An FRN (FCC Registration Number) from the FCC is REQUIRED. If you already have an Amateur Radio license, your FRN will appear on your license.

You can register and receive your FRN directly from the FCC — Click on the following link and click on the REGISTER button – <https://apps.fcc.gov/coresWeb/>.

Click on this link for help obtaining a FRN https://apps.fcc.gov/cores/html/Register_New_FRN.htm

2. Registration:

Preregistration is REQUIRED. Go to <https://ham.study/sessions> to register for one of our upcoming exam sessions.

After successfully registering online, you should receive an email with your registration information, including your exam PIN. **Please bring your PIN to the exam session.**

You need to preregister at least by the Wednesday prior to our scheduled test session in order to test with HARA's VE testing team.

3. What to Bring to our Exam Session:

- * \$15.00 – CASH (bring exact payment as change might not be available), CHECKS are accepted. Youth examinees under age 18 the fee is \$5.00 for your initial license.
- * Your exam PIN – SEE ABOVE
- * Current copy of your Amateur Radio License (if licensed)
- * A Government Issued Photo ID – Driver's license, Passport, etc.
- * Minors without a Photo ID must bring another form of proper identification.
- * Cellphone to confirm receipt of CSCE once you pass exam(s).

4. FCC Application Fee

\$35.00 – Billed and payable directly to the FCC. This fee is in addition to the Exam Fee. You should receive an email directly from the FCC so watch for an email from them.

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

And of course, don't forget the Marquette Co. 2-meter Emergency Net @ 7:00 pm on the K8LOD (147.27, 100 Hz tone) repeater!



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 or 381, 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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