

October 2022

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: **November 3, 2022**
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

With the weather starting to change it's time for me to catch-up with ham radio projects including repairing several radios, furthering my Morse code ability and getting all of the features of Ham Radio Deluxe (HRD) working correctly. I also cannot wait to get back in my wood shop and start wood turning again.

During our HARA meetings we are going to try keeping the business part short and have programs and demos that would peak your interest. We would also like to hear from you – ham radio interests, projects, as examples. Your HARA officers will do their best to bring energy and enthusiasm at each meeting.

73, Lou, KG8NK

V.E. TESTING:

December 10, 2022, 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 October 6, 2022

Attending: President - Lou KG8NK; VP - Greg KI8AF; Treasurer - Mike KD8JIR, Secretary - Scott WU8H, 9 additional members and 1 guest.

President Lou KG8NK opened the meeting at 19:00 with introductions. He also reminded members that if the local schools are closed on a meeting day, they should watch their emails for a possible meeting cancellation.

A motion to approve the meeting agenda was made by Ralph N8XHG, seconded by Dave K8DRF. Approved.

Secretary's report:

The Secretary's Report was approved as it appeared in the Standing Wave.

Treasurer's Report:

Motion to approve the Treasurer's Report for September by Dave K8DRF, seconded by Bill KC8EWD. Approved.

Correspondence:

- 1 Member application.
- 1 notice of a correction needed on our Corporate Filing application. Addressed.

Committee Reports:

Repeaters:

- The .82 repeater has been repaired thanks to the hard work of a small crew of people (see article later in the newsletter – Ed.). The crew encountered a few different problems which led to replacing of connectors and about 30 feet of coax.
- All other repeaters appear to be functional.

ARES/RACES:

- Our ARES group participated in the ARRL-sponsored SET (Simulated Emergency Test) on October 1st. and the State AUXCOMM SET on October 8th. Specifics of our participation are contained in Jim's article later in the newsletter - Ed. WELL DONE to all participants!
- The first Friday in December (December 3) is Skywarn Recognition Day. More information will be forthcoming as the date gets closer.
- If you are interested in becoming an ARES member, contact Jim.

Old Business:

- None.

New Business:

HARA Swap:

- Fred, KD8JIP, is organizing the volunteers for the HARA swap which is on October 22. One more volunteer to act as a runner would be helpful. Contact Fred if you are willing to help.
- Setup will happen on Friday, October 21 at 6:00 pm at the Negaunee Township Hall.
- Club members will start arriving at 7:30 am the day of the Swap. This time is allotted for vendors to set up. **The Swap officially opens at 9:00 am. There will be NO sales prior to that time!**
- So far we have 23 tables (8 are club tables). If you are interested in a table, contact Fred.

Club Officer Elections:

- The current club officers agreed to serve for another year. There being no nominations from the floor, the current officers were re-elected:
President – Lou, KG8NK
Vice President – Greg, KI8AF
Treasurer – Mike, KD8JIR
Secretary – Scot, WU8H
- Marquette County Emergency Manager Brian Hummel briefed the group on the RAVE system. RAVE can send text and email notifications of impending events (ARES call outs, club meetings, etc.) The system is free to registered users. Jim, N8NAV, will work with Brian to establish RAVE accounts for our group

Upcoming Events:

- Lake Superior Performance Rally (LSPR) - October 14-15.

Motion to adjourn at 19:39 by Dave, K8DRF, seconded by Jim, N8NAV. Approved.

Program:

Greg, KI8AF, and Fred, KD8JIP gave an informative presentation on Digital Radio (DMR, D-Star, etc.).

Minutes submitted by Scott WU8H

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



Left side: Judi, KE8LRW, John ex-N8RSE, Jim, N8NAV, Dave, KD8DRF (hiding), Greg KI8AF
Right side: Don, N8HDT, Tom, KC8OND, Bill, KD8ZEG, David KE8PND, Fred, KD8JIP

Happenings!

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

- HARA Swap & Shop – October 22, 2022 at the Negaunee Township Hall. Contact Fred, KD8JIP.
- Green Bay Mike & Key Club Ham Cram & Exam – November 12, 2022. See the flyer on page 9.

146.82 Repeater - The Final Chapter?

After three trips to the site, the group of Lou, KG8NK, John, N8JI, Greg, KI8AF and sometimes Jim, N8NAV may have had a “eureka” moment! Cables – inside and out – were cut and spliced, connectors were replaced and then replaced again until the UHF link was restored. By the reports received so far, everything with the .82 seems to be functioning correctly – for now...



Lou, KG8NK, Greg, KI8AF and John, N8JI confer.



John prepares a replacement coax connector.



And crimping the new connector into place.



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. We meet on **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 Newsletter Submissions

Some things to keep in mind when submitting items to be published in the Standing Wave:

1. We always prefer photos 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!
3. Please submit written material in MS Word format.

Club Challenge

Stay tuned to this space for the next challenge.

Your thoughts and ideas are always appreciated.
You can send them to a Club officer or me.



News

from the desk of N8NAV



As I have mentioned in the past, October is a busy month for ARES and emergency communications! The annual ARRL-sponsored Simulated Emergency Test (SET) was held during the first weekend (1-2) of the month. Our Marquette County ARES group participated on the 1st by conducting a phone-in/call-in exercise. Marquette Co. Emergency Manager Brian Hummel started things off by contacting me and activating our ARES phone tree. All ARES members were called and those who actually answered their phones were asked if they were willing to deploy. Fourteen of 17 members on the list were contacted (a live person answered). Of those, 10 indicated that they were willing and able to deploy. Those 10 were asked to check-in on the K8LOD 147.27 repeater with Lucille, KD8PTE, who was acting as Net Control. Once that was accomplished, members were dismissed – with thanks – and the exercise terminated. For the finale, those that are Winlink-capable were asked to send me a Winlink Check-in message. The results of our effort were duly passed to the ARRL. The stations contacted included **N8NAV**, **KG8NK**, **KI8AF**, **KD8DRF**, **KD8JIP**, **W7DEG**, **N8GBA**, **N8HDT**, **KC8OND**, **KD8PTE**, **KE8LRX**, **KE8PND**, **KD8QIR** and **KE8OFD**. Those calls highlighted indicated they could deploy.

The State decided to hold their version of the SET – something that they called the Statewide AUXCOMM Exercise – the following weekend on October 8th. For this exercise I decided to expand on our earlier efforts. So in addition to the phone-in/call-in portion, this time those who indicated that they were willing to deploy were actually given assignments. Again, county Emergency Manager Brian Hummel started the exercise and acted as the Incident Commander with me in tow (we operated mobile from my vehicle). Two teams were organized with Fred, KD8JIP, as leader of the Marquette team (meeting at Marquette Mtn.) and Lou, KG8NK, leader of the county team (meeting at the Al Quaal Pavilion). During the call-in portion, ARES members were instructed as to which team to report. Once they did, they were handed envelopes that contained their individual assignments. These ranged from Marquette City Police and Fire, Duke Lifepoint and Bell Hospitals, a shelter at Lakeview Arena and the National Weather Service office. Once on assignment, operators were instructed to check-in with Net Control (Dave, KD8DRF), on the K8LOD 147.27 repeater. We also simulated a repeater outage by having members QSY to our Marquette Co. simplex frequency of 147.44 MHz and check-in with Net Control, (Greg, KI8AF). During the exercise, contact was made with ARES members in Alger and Luce counties via the linked repeater network. There was even a message sent from USNORTHCOM Operations via Winlink that was initially sent to Greg from Alger Co. Finally once the “boots on the ground” part of the exercise concluded, I was able to make SSB contact with the State EOC in Lansing on 40 meters. Since there is ALWAYS paperwork, I sent my three “after action” ICS-213 messages to Lansing via VARA HF Winlink. So as you can see, we packed a lot of activity into this exercise! Marquette Co. ARES members who participated include N8NAV, KG8NK, KI8AF, KD8DRF, KD8JIP, W7DEG, N8HDT, KE8PND, KC8EWD and KD8PTE. Again THANKS and WELL DONE to all!

The fall SET(s) usually concludes the formal exercises for the year. As temperatures cool we Yoopers start thinking about our next challenge – winter snowfall, driving hazards and power outages. So I will end my missive this month with my usual recruiting message. If you are not currently an ARES member, we are always looking for new 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. I also usually bring paper applications to the HARA events.

73 de Jim, N8NAV

Buy, Sell, or Trade

Please advise when items have been bought or sold.

Ryan, N8RY, has the following for sale:

1. Ameritron AL-1500 linear amplifier (pre-MFJ)
2. Yaesu FT-1000mp MKV Field (built in pwr supply)
3. Yaesu FT-920 (HF+6M)

If interested, or for more information, contact Ryan at n8ry@chartermi.net.

HARA Swap & Shop News

Hiawatha Amateur Radio Association of Marquette County

Swap & Shop Saturday October 22, 2022

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.

Here is only a small sample of what will be on our club table.



Contact Fred KD8JIP at fmouser@gmail.com for information or tables.

Parting Thoughts



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

“History Doesn’t Repeat Itself, but It Often Rhymes” – Mark Twain

The 11th Operation Able Archer '83 will be held on 22 Oct 2022 at 1200 hrs UTC thru 23 Oct 2022 at 1700 hrs UTC. Ray KA3EKH has once again secured a historic Cold War site. The operation will be from Fort Miles, Lewes, DE. Fort Miles is the home of a cold war home of Naval Facility Lewes (NAVFAC Lewes), a [Sound Surveillance System \(SOSUS\)](#) shore terminal.

Operation will be on 29.65 mc FM, 51.00 mc FM, 75 & 40, 20,18,10 meters USB, RTTY at 7087mc on COLD WAR military radio equipment. The callsign for this event is W3A.

A significant amount of resources and additional information is available on the web page www.ablearcher83.com. There has been some extra information added to the page. (remember to hit refresh F5). There will be some live streams from the site available on Facebook, <https://www.facebook.com/groups/AblerArcher83>. From the QRZ.com website

2. Many of you already know that our very own Paul, KB0P, has moved to the Big City of Green Bay, WI. What you may not know is that Paul is President of Green Bay’s Mike & Key Club! He sent along the below flyer for their upcoming event.

Green Bay Mike & Key Club
Providing amateur radio service to the Northeastern Wisconsin community since 1939.
www.K9EAM.org k9eam@yahoo.com

**HAM CRAM
& EXAM**
Technician Amateur Radio License
SATURDAY, NOVEMBER 12, 2022
9AM – 3PM Ham Cram Study Session
(Final Study for the FCC Technician Amateur Radio Operator License)
Pre-study is required.
Please RSVP To: rje.w9obb@gmail.com
Gehl-Mulva Science Center
Room: 4092 (Tower Room)
St. Norbert College
Reid Street, DePere, WI

NOTE: To prepare for the Technician Class exam, you must study one of the available study guides that are available prior to class. For example: "The ARRL HAM Radio License Manual" ISBN: 978-1-62595-155-7 ~\$30 www.arrl.org or Amazon

Other suggested study material:

Study Guides listed from most detailed to basic. (Order one from your favorite bookstore.)	Technician Class: 2022-2026 FCC Element 2 Radio License Preparation Gordon West ISBN: 978-0945053019 ~\$30.00
	No-Nonsense Technician Class License Study Guide Dan Romanchik ISBN: 979-8839783249 ~\$22.00
	2022-2026 Amateur Radio Technician Question Pool & FCC Rules Shane Godmere ISBN: 979-8832833627 \$10.00 (ON AMAZON)

3PM Exam Session Immediately Following the Ham Cram Class
(New and Upgrade, --all license levels)
There is a \$15 ARRL License Exam Fee payable at the time of exam.
Upon successfully passing the Technician exam, you will receive an email from the FCC with instructions on how to pay the \$35 license fee for your Technician class license.
Bring: 1 Photo or 2 other legal ID, FCC FRN (or SSN), Calculator, Pencils/Pens.
For More Details See: <http://www.arrl.org/what-to-bring-to-an-exam-session>

FREE Technician Class / Study Session

Walk-ins welcome!

3. From Great Lakes Division Vice Director, Scott, N8SY:

I've got a new item to tell you about from our EC&FS Committee, this time it affects all ARRL Affiliated Clubs. In the past your annual club update to the ARRL was always due no later than your anniversary date. If you are a Special Service Club (SSC) the same held true, but it only renewed once every 2 years, making it all that much harder for everyone to remember when to update their records. So, in order to make things easier to do and to remember, all ARRL Affiliated Clubs will renew their Annual Report on January 1 of each year, starting in 2023, thus eliminating the need to remember the anniversary date. It will just come due by the first of each year. Now, to make it easier for the Special Service Clubs on their renewal we did the same thing. The renewal date will be on January 01 of each year. Since SSCs were originally a 2-year renewal, we changed that as well. It's now going to be a 1-year renewal starting on January 1, 2024. To make it even easier for clubs to update their records, the forms to update your club records are getting a makeover so that they will be much easier to complete as well. If things go as planned, (keep your fingers crossed) they will also automatically email you once you've completed the forms to let you know that they have gotten submitted!

4. From the September 20, 2022 edition of ARRL Club News:

Crossband Activation of Battleship Iowa's NEPM Scheduled in Memory of Pearl Harbor

As the representative of the National Museum of the Surface Navy at Battleship Iowa Museum in San Pedro, Los Angeles, California, the Battleship Iowa Amateur Radio Association (BIARA) will honor the sailors and ships previously homeported in San Pedro who were attacked on December 7, 1941, with special crossband activations of NEPM, the active duty call sign for the Battleship USS *Iowa*, on December 6 and 7, 2022.

When Pearl Harbor was attacked on December 7, 1941, seven of the battleships formerly homeported in San Pedro Bay were not present. Eight Pacific fleet battleships (USS *Arizona*, USS *California*, USS *Maryland*, USS *Nevada*, USS *Oklahoma*, USS *Tennessee*, USS *West Virginia*, and USS *Pennsylvania*) were at Pearl Harbor and absorbed the brunt of the Japanese attack. Of these eight ships, three sank, one capsized, and four suffered varying degrees of damage.

With authority from the Navy and Marine Corps Spectrum Office Southwest, we will transmit using the *Iowa's* NEPM call sign on assigned military frequencies and listen for calls from the amateur radio community in their adjacent bands. NEPM will transmit on 14.375 MHz, 18.170 MHz, and/or 21.460 MHz on J3E upper sideband and/or A1A CW. The operator will advise listeners as to where they are listening. Amateur participants are reminded not to transmit on the NEPM military frequencies. Operations on both days are expected to be from 1500 to 2400 UTC. QSL procedures can be found at <https://biara.org>. For specific questions in advance of the operation, contact w6hb@biara.org. Thanks to BIARA for this story.



Editor's Note – As a person who thoroughly enjoys chasing military radio stations during the Armed Forces Day crossband exercise in May and museum ships during the Museum Ship weekend in June, I can heartily recommend this event. Have fun!

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 is usually net control, although she has recently been experiencing some radio problems and Dave, W7DEG, has stepped in to help!

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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