

May 2014



## 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 [ki8af@arrl.net](mailto:ki8af@arrl.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 County Health Department Bldg., Lower Level, Negaunee Township.  
Date: **May 1, 2014**  
Time: 7:30 PM

### CLUB OFFICERS, 2014

Pres. Fred Mouser KD8JIP  
VP: Bruce Carlson N9MDE  
Sec. Mike Beltz KD8JIR  
Treas. Lucille Scotti KD8PTE  
Board Members:  
Ralph Watters N8HXG  
Lane Dawson WD8PAJ  
EC - vacant

### STANDING WAVE

Editor, Greg KI8AF  
Publishing, Lane WD8PAJ  
Distribution, Greg KI8AF

### REPEATERS

K8LOD, 147.270 / .870 with 100 Hz PL-Tone Marquette  
K8LOD, 146.910 / .310 Ishp.  
N8RRZ, 146.640 / .040 Gwinn with 100 Hz PL-tone  
K8LOD-3.144.390 APRS Digi Mqt  
KB0P, 146.820/.220 w/100 Hz Tone Ely Township

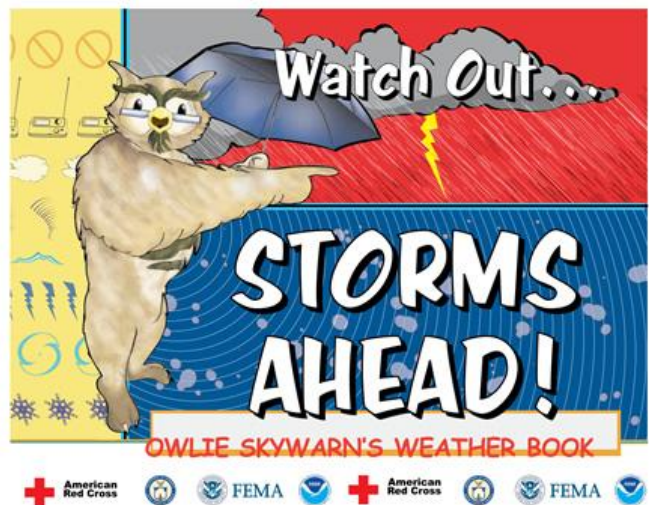
### WHAT'S NEXT FOR US

Dayton Hamvention

Field Day

## Don't Forget

Our annual **Severe Weather Spotter Training** will be conducted at our May 1<sup>st</sup> meeting. There is always something new presented, so make sure you attend.



## V.E. TESTING:

**03/09 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 225-1594, [ki8af@arrl.net](mailto:ki8af@arrl.net).**

??/? **Hancock:** 9:00am eastern time, ZION LUTHERAN CHURCH, 400 INGOT STREET, HANCOCK, MI  
Ingot Street is located across from the Quincy hill lookout, just north of Hancock...Contact: Glenn Ekdahl, WA8QNF at (906) 482-7743 if you have questions

11/06 **Iron Mountain:** 9:00am central time, (arrive by 8:30am)  
Dickinson County Library (conference room), contact Mark J. Lewis N8UKD (906) 776-1553, 412 Fairmount St. Kingsford, Mi 49802

??/? **Gladstone:** Delta County Amateur Radio Society Time: 10:00AM (Walk-ins welcome) Contact: Dave Palmgren - N8DP, [n8dp@dcars.org](mailto:n8dp@dcars.org), (906) 428-2271  
VEC: ARRL/VEC Location: Gladstone City Hall Main Meeting Room 1100 Delta Ave. Gladstone, MI 49837

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. *Please contact the individual(s) listed to confirm date(s), location(s), etc.*

## HARA's Monthly Meeting Programs

December 2013: Christmas Party

January 2014: Near Vertical Incidence Skywave (NVIS) antennas

February 2014: HF station setup and operation. Bruce N9MDE

March 2014: ARES and RACES. Lou KG8NK

April 2014: Repeater design, installation and setup. Paul KB0P

**May 2013: Storm Spotter Training: NWS staff**

June 2014: Field Day 28, 29

July 2014:

August 2014: Summer Picnic

September 2014:

October 2014:

November 2014: Winter Spotter Training. NWS staff

December 2014: Christmas Party

**Definition: What is.....Impedance-matching device?** (find the answer elsewhere in this edition of the *Standing Wave*)

## Birthday Wishes

The "Birthday Wishes" column is now back by request. If you notice an error or your birthday is missed please advise the editor. Birthday Wishes for the month of May go to: John N8RSE, LeRoy N8WQG, Rick W8LHT, Bob N8XAE, Paul KB0P, Jeremy KD8FPH, Delan KD8FPO, Mark KF8RV, and Peter KC8YTX.

## What's Your Favorite Ham Website?

Winding cables: <http://boingboing.net/2013/08/10/howto-over-under-cable-coiling.html>

Shortwave Radio: <http://www.bbc.com/news/magazine-24910397>

Buddies of the Caribbean: [http://www.youtube.com/watch?feature=player\\_detailpage&v=76cRBIXbLYI](http://www.youtube.com/watch?feature=player_detailpage&v=76cRBIXbLYI)

## On The Bands.....W1AW/\*

If you are doing any listening on the HF bands you can't help but hear all the W1AW/\* portable stations on the air. This would be a good time for you to Work All States (WAS) if you've never tried or had the opportunity. Try to do it on just one band or all bands it doesn't matter, just get on the air. Each state will be on the air twice with the second go around for each to start midyear so don't delay.



## What does this do? ..... DSP

Digital Signal Processing is a filtering process which frees you from installing many analog filters for each operating mode. Additionally, you can control the bandwidth, cancel the multiple jamming beat, and reduce the noise level using DSP filtering technology. There are many variables available here and differ for manufacturers and rig to rig so, you have to check out your owner/operating manual to get the most out of DSP.

## PR.....Happenings

Our PR committee needs input from each of us if we expect them to do their part in getting the word out about our organization and amateur radio. Please contact a committee member well in advance of a happening. PR committee member is: Lane WD8PAJ [laned@chartermi.net](mailto:laned@chartermi.net) or 486-8697.

**Impedance-matching device:** A device that matches one impedance level to another. For example, it may match the impedance of an antenna system to the impedance of a transmitter or receiver. Amateurs also call such devices a Transmatch, impedance-matching network or antenna tuner.



**Think you had a bad winter. Here is a photo of ships stuck in Whitefish Bay.**



**Here are a couple of great photos.** Pete K8PT sent me the first one of JT1CO and in checking out his page or QRZ.com I found the second photo of the Mongolia's last Khan(King) Bogd Javzandamba Hutagt's radio operator in 1917. Pete has worked JT1CO (Choigonjav Chadraabal) several times and fortunately I've worked him once and have that QSO confirmed in LOTW.



**Hiawatha Amateur Radio Association of Marquette County**  
**03 April 2014 Meeting Minutes**

Officers present: President Fred Mouser KD8JIP, Vice-President Bruce Carlson N9MDE, and Treasurer Lucille Scotti KD8PTE.

Meeting was called to order by Fred KD8JIP at 7:30pm. There were 15 members and 4 guests.

Secretary's report: The March minutes were published in the *Standing Wave*. Motioned to accept the minutes as published by Ralph N8HXG, and seconded by Karl AC8MB. Motioned passed.

Treasurer's report: Lucille KD8PTE gave our financial report for March. Motion to accept made by Lou KG8NK and seconded by Bill KC8EWD. Motion passed.

Correspondence: Flyer received about Swap meet in Cadillac, Mi. on May 3<sup>rd</sup>. Also a notice was received from NMB that their Chocolay branch is closing.

Repeater/Tech: Paul KB0P reported that currently all repeaters are up and running.

ARES/RACES: Lou KG8NK reported that the Marquette EC position I still open and needs to be filled. He also mentioned that he's tried to step down twice from the DEC position. He'd be willing to stay on if his request to get the U.P. split up into at least two sections which would ease travel and training for all concerned. Dickenson County has a new EC.

Old business: Old business items were rolled into new business.

New business:

-A Field Day site has not been found yet and several of our members will check out some different locations for possible Field Day activities. The biggest hurdles for a couple of the sites are the cost involved or already reserved for another even.

-If you would like Lane WD8PAJ to purchase an advance entry ticket for the Dayton Hamvention you need to get in touch with him by 4/4/2014. Fred KD8JIP brought up the idea of maybe buying a few cheaper items at Dayton and trying to resell them at our Swap'n'Shop on our club tables. After further discussion their idea was put on the back burner.

-Fred KD8JIP, Bruce KH6IK, and Lane WD8PAJ met with Eric N8RRZ from NMU in regards to airing some PSA spots. Lane will be doing a TV spot on NMU TV as well as a spot or two on NMU's public radio. The group will also be checking with local commercial radio stations to possibly air some amateur radio PSA spots. NMU has a calendar of events which can list HARA activities such as our monthly meetings and VE test sessions.

-Bill KC8EWD reported that in earlier discussion about possible obtaining old NMS repeaters are actually transmitters and weigh about 700 lbs. Bill was informed that we couldn't use them and pass on our thanks to the crew at the NWS for thinking of us.

-Our visitors from the Delta County Amateur Radio Society (DCARS) passed around some photos of their RACES/ARES emergency communications trailer.

Congratulations to Lucille KD8PTE for winning the 50/50 drawing. Motion to adjourn at 8:08pm by Bill KC8EWD and seconded by Lou KG8NK. Motion approved.

Paul KB0P gave a great presentation on how repeaters operate and our linked repeater system.

Minutes recorded by Greg KI8AF

## For Sale

- \*Realistic 10 meter transceiver model HTX-100, 5-25 watts CW/SSB with documentation \$100
- \*Yaesu FT-2400 FM 2 meter transceiver with manual, mic and power leads \$50
- \*Radio shack scanner (hand held) PRO-70 50 channel with power adapter \$35
- \*Rigblaster Plus from West Mountain radio has CD and instruction manual has some connecting cables but not all. as is \$25
- \*Kantronics all mode TNC with cables – no documentation \$10
- \*Heil mic adapter 8-pin (I think the nomenclature is AD-1-K but not sure) \$5
- \*Kenwood TM-241 2 meter FM transceiver with Kenwood MC-44DM multi function direct entry microphone with manual \$100
- \*Micronta regulated 120 VAC to 12 volt VDC power supply, 2.5 amps \$10

More to follow as I clean out the shack..... If interested contact Pete-K8PT at [k8pt@arrl.net](mailto:k8pt@arrl.net) or cell 906-250-7722

The 4th annual **Luce Amateur Radio Society Hamfest** will be Saturday June 7, 2014 at the Pentland Township Hall; Newberry MI. Tower Electronics from Green Bay will once again be there with their massive traveling inventory of everything you could ever want. For more information, go to [www.w8nby.com](http://www.w8nby.com). Come one, come all to the biggest little hamfest around. Spread the word. It's always a good day to go to Newberry and visit Tahquamenon Country and now it just got better.

**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>

And that's a wrap for another month. Please if you have an article or something which you may think will be of interest to the club membership get it to me. Comments and suggestions are always welcome. 73 until next month, Greg KI8AF@arrl.net



*“Remember to look forward and be positive”*

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