

**March 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: **March 6, 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**

Hamfest & Swap

Sponsor: CCRAA & KCRA

Date: April 26<sup>th</sup>, 2014

Time: 0900 – 1500hrs

Location: Chassell VFW Post 6507  
42103 Wilson Memorial Dr., Chassell, MI

Talk-in Freq: 146.880 PL-tone 100

Admission: \$2 and 12 and younger “Free”

Door Prizes

Tables: \$10

Dealers/Vendors set-up 0800hrs

POC: Howard Klann(KD8ABP)

906-337-0234

[ccraaclub@gmail.com](mailto:ccraaclub@gmail.com)

## **Dayton Hamvention 2014**

Tell everyone that wants to go to DAYTON that they should send me \$20.00 to be registered. They need to send it now and I would like to have it here by the end of March..... They can call me at 486-8697 and also E-Mail me at [dawson41.charter.net](mailto:dawson41.charter.net)

Thank you, Lane WD8PAJ

## 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).

04/12 **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 Amplitude modulation (AM) (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 March go to: Eric N8TEV, Marty K8PEK, John W8BP, Jack N8JRN, Justin WQ8L, and Joe AJ8MH.

**HIAWATHA AMATEUR RADIO ASSOCIATION**  
**JAN. 02, 2014 MINUTES**

Officers present were – Vice-Pres Bruce Carlson N9MDE, Secretary Mike Beltz KD8JIR, and Treasurer Lucille Scotti KD8PTE. President Fred Mouser KD8JIP was excused.

**Meeting was called to order** at 7:35 pm by Vice-Pres Bruce Carlson N9MDE. A motion to approve the agenda made by Bill KC8EWD and supported by Mike KE8IL. The motion passed.

**Introductions and Attendance** – The Club had 13 members and 0 guest in attendance.

**Secretary's Report** – The November's minutes were handed out at the December's Christmas party. There was no business at the December's meeting therefore no minutes. A motion to accept the November minutes was made by Rich N8GBA and seconded by Mike KE8IL. The motion passed.

**Treasurer's Report** – Treasure Lucille KD8PTE gave the treasure's report for November and December. A motion to accept the report was made by Bill KC8EWD and seconded by Norm W8NWD. The motion passed.

**Correspondence** – 2 pieces of correspondence were received. One from the State Lottery, the other from and insurance company wishing HARA to switch to them. We will stay with ARRL insurance.

**Committee Reports –**

**Repeaters/Tech.** – Paul KB0P was not present. No report was given.

**Ares/Races/Aux-Com** – Rich N8GBA / Lou KG8NC stated there were no updates to report.

**PR** – No one was present to give a report. HARA info has been in the Marquette Monthly and on the TV bulletin board. Information still needs to get into the Mining Journal and radio stations.

**Old Business –**

**Christmas Party** – 28 people were able to make it to the party. It was a smaller turnout than usual because of the bad weather and slippery driving conditions. We did have good food and a fun time.

**Testing results from Dec.** – Rich N8GBA stated we had 1 person upgrade to extra. Thanks to those who volunteer their time to help us advance in amateur radio.

**Facebook update** – Bruce N9MDE reported that the HARA Facebook page should be up and running by the weekend. Check it out.

**New Business –**

**Sled Dog Race update** – Paul KB0P was not in attendance. He has been very busy at work and needs members to become involved. Lou KG8NC reported that the race is Feb. 14 and starts at 7:01pm. Midnight run starts ½ hour after the last team leaves. It goes to Chatham turns around and comes back to Marquette. The course has changed and we need to verify its location for the check points. YMCA is the headquarters. We need to check out the Y for antenna location etc.. We need to help Paul KB0P so VOLUNTEER.

**Swap & Shop (Feb. 1)** - Rich N8GBA stated most tables are sold. We need stuff for HARA's table. Also tickets need to be sold. Money and unsold tickets need to be turned in to Rich N8GBA **before** Feb. 1

**Program Suggestions** – Bruce N9MDE needs ideas and a volunteer or two to put on after meeting programs.

**Noquemanon Ski Race** – Rich N8GBA needs at least 20 volunteers to help at 8 check points. There should be 2 people (minimum) per check point plus people at headquarters on Jan.25.

**EC still needed** – See Lou KG8NC. It is an appointed State ARRL position for Marquette County.

**Field Day** – Bruce N9MDE is looking for ideas for a good location to hold Field Day at little or no cost to the club.

**50/50 drawing** – Congratulations to Bill KC8EWD

**End of Meeting** – Motion to conclude the meeting at 8:36 was made by Bruce KH6IK and seconded by Mike KE8IL.

**Post Meeting Program** – *Near Vertical Incident Skywave (NVIS)* by Bruce N9MDE. If you weren't at the meeting you missed an interesting program. February program is supposed to be HF.



Nokie 2014



Swap and Shop 2014



# U.P. 200 Photos

Dave KD8DRF and Jack N8JRN at HQ



Ron, Greg and Marge KD8AIL at Wetmore



# HIAWATHA AMATEUR RADIO ASSOCIATION

## FEB 06, 2014 MINUTES

Officers present were – President Fred Mouser KD8JIP, Vice-Pres Bruce Carlson N9MDE, Secretary Mike Beltz KD8JIR, and Treasurer Lucille Scotti KD8PTE.

**Meeting was called to order** at 7:30 pm by President Fred Mouser KD8JIP. A motion to approve the agenda made by Lou KG8NK and supported by Norm W8NWD. The motion passed.

**Introductions and Attendance** – The Club had 18 members and 1 guest in attendance.

**Secretary's Report** – The January's minutes were handed out at the meeting. A motion to accept the January's minutes as printed was made by Bill KC8EWD and seconded by Pete KC8YTX. The motion passed.

**Treasurer's Report** – Treasure Lucille KD8PTE gave the treasure's report for January. A motion to accept the report was made by Pete KC8YTX and seconded by Bill KC8EWD. The motion passed. Lucille KD8PTE also reviewed the income/expense sheet for the Shop and Swap. Those numbers will show up on next month's Treasure's report.

**Correspondence** – 2 pieces of correspondence were received. One was a card on the Ham Radio Starter's kit and another from AMCAB. (Pre-school enrollment)

### **Committee Reports –**

**Repeaters/Tech.** – Paul KB0P was not present. No report was given.

**Ares/Races/Aux-Com** – Lou KG8NC stated there were no updates to report.

**PR** – No one was present to give a report. Lane WD8PAJ is now working on Thursday nights and will not be able to make meetings. We still need to get our information out. WZMQ TV and Marquette Monthly have been running club info but we still need the Mining Journal and radio.

### **Old Business –**

**Noquemanon Race** – The race went well. There were some issues that will be addressed at the final wrap up Noquemanon race meeting in a few weeks

**Facebook Update** – Justin WQ8L (his new call sign) has it up and going. Check us out on Facebook.

**Swap and Shop** – Lucille KD0PTE gave the figures after her Treasure's report. The Swap went well. We do need more 'quality stuff' for our clubs table next year

### **New Business –**

**Sled Dog Race update** – Paul KB0P was not in attendance. Lou KG8NC reported that all spots have been filled with at least 1 person, BUT we should have at least 2. When Paul KB0P gets back in town he will get more information to everyone.

**Friday Night Net-** Greg KI8AF reported there are a few hams on the 10 meter at 7pm. The net is on 28.400 so all hams, including Techs, can enjoy a night of chewing the rag.

**Dayton Hamvention** – Contact Lane WD8PAJ for tickets and room reservations. ASAP

**Field Day** – Bruce N9MDE is looking for a good location. Ishpeming Twp. Hall/park has been suggested. Field Day is the last Saturday in June. Bill KC8EWD made motion to get the Ishpeming Township site. The motion was seconded by Greg KI8AF. Motion passed.

**Recruitment** – Ideas??? We need a few more hams to help at the events. Know anyone interested in amateur radio. Help them. Encourage them to get licensed.

**50/50 drawing** – Congratulations to Mark KF8RV.

**End of Meeting** – Motion to conclude the meeting at 8:35 was made by Lou KG8NK and seconded by Norm W8NWD.

**Post Meeting Program** – *HF Operation* by Bruce N9MDE.

# On The Bands

With the ARRL Centennial now in full swing and many W1AW/\* stations on the air it is a very good time to get in some type of HF activity. W1AW stations will be operating from every U.S. state and some territories. Likewise they'll be operating Phone/CW and different Digital modes. It's a great time to obtain a Worked All States Award (WAS). Many different operators from each state have designated time slots for operating so someone is on the air almost around the clock. Two different state are on the air for a week's time and in mid year the cycle will be repeated so if you have missed a state already don't worry, as there is still time to work it. It's easy, so get on the air.

## What does this do? ..... RIT/XIT

RIT (Receive Incremental Tuning) provides the ability to change your receive frequency without changing your transmit frequency. XIT (Transmit Incremental Tuning) is similar to RIT in that it provides the ability to change your transmit frequency without changing your receive frequency. Depending on your transceiver you may be able to change your RIT or XIT plus or minus 20 KHz in 10 Hz steps. To activate one or the other it usually is just a matter of a quick push of a button and then turning a pot to the desired frequency. RIT/XIT is somewhat different than split frequency operations which will be discussed next month. Please check your rigs manual on the proper procedures for using RIT or XIT.



**Amplitude Modulation**.....a method of combining an information signal and an RF (radio-frequency) carrier. In double-sideband voice AM transmission, we use the voice information to vary (modulate) the amplitude of an RF carrier. Shortwave broadcast stations use this type of AM, as do stations in the Standard Broadcast Band (535-1710 kHz). Few amateurs use double-sideband voice AM, but a variation, known as single sideband, is very popular.

**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”*

*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). Annual membership dues can be sent to the above address directly.*