

**April 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: April 3, 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**

## **Using Our Linked Repeater System**

While the program scheduled for our April meeting is about repeater design, installation, setup and operations here is a quick reminder about using our linked repeater system and any repeater system.

When using our linked repeater system the first and foremost thing to remember is the short time delay between the repeaters connecting and disconnecting from transmit and receive mode and the reverse.

**So, if it's your turn to transmit wait a second or two once the previous person has finished transmitting (letting the repeaters on the system dropout and reset the time out features) and then you can key up with your PPT button but again wait a second or two (so all the repeaters can make reconnection) prior to you transmitting.**

Next time you miss the first few words of someone's transmission, remind that individual they should wait that second or two before they actually transmit and it will be a good reminder for you as well.

## V.E. TESTING:

**06/14 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

**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

**04/12 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

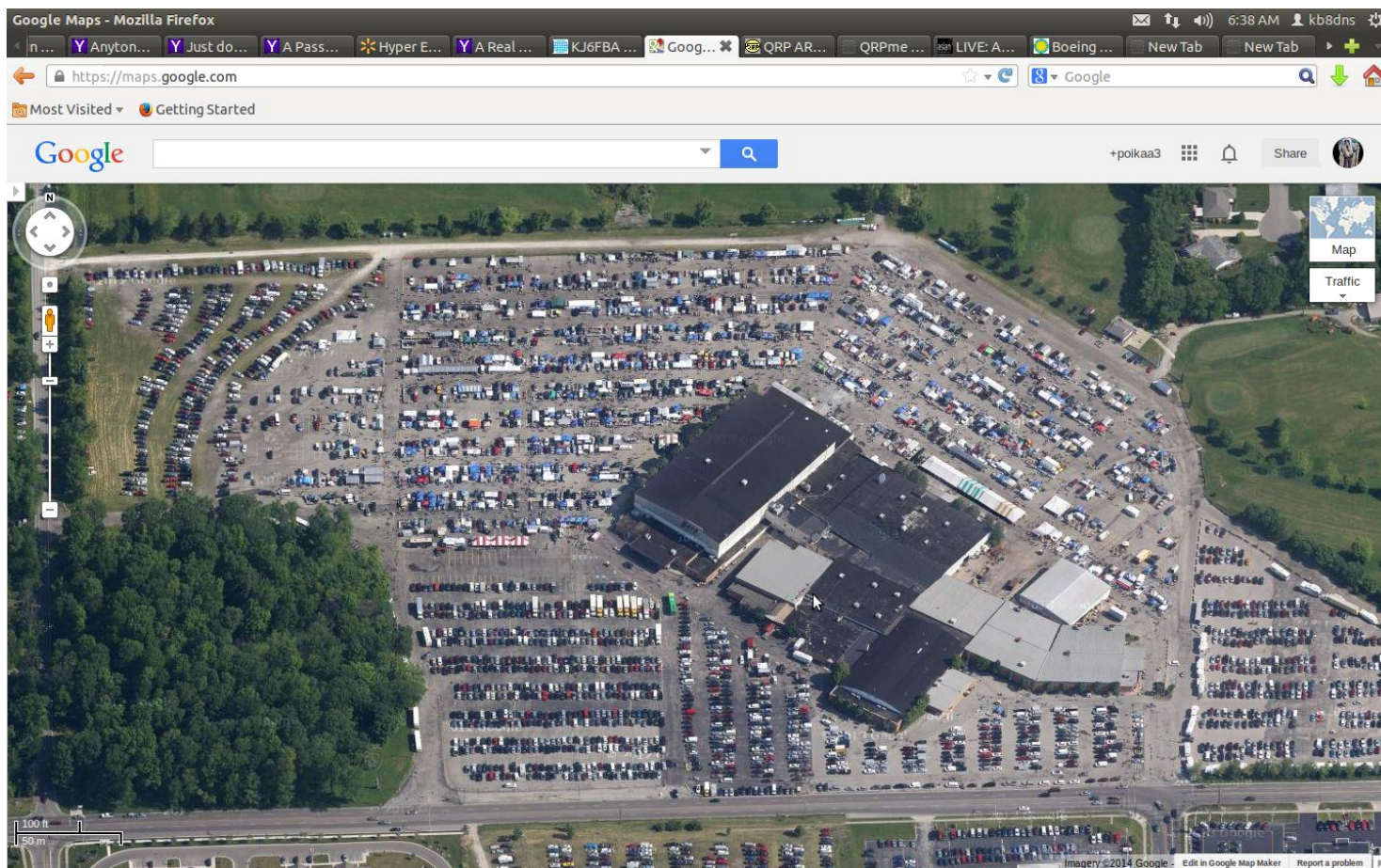
**Definition:** What is.....CTCSS? (find the answer elsewhere in this edition of the *Standing Wave*)

## 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 April go to: Bruce KG8YT, Linda KG8JX, Jon KC8EEE, Jim W8QQE and Randy NZ8U.

# Dayton Hamvention Tickets

**Last chance, act immediately!** If you plan on attending Hamvention 2014 and would like Lane WD8PAJ to purchase your three day entry ticket in advance you had better put this newsletter down right now and contact him immediately. The three day entry ticket cost \$20 now versus \$25 at the door. Don't complain if you procrastinate. Lane's contact info: 486-8697 or [dawson41@charter.net](mailto:dawson41@charter.net)



From Rod KB8DNS, looks like he is getting ready for Hamvention

## What's Your Favorite Ham Web Site

ARRL Centennial QSO Party: <https://centennial-qso-party.arrl.org/index.php>

West Mountain Radio Spring Newsletter: [http://www.westmountainradio.com/pdf/Spring\\_2014\\_Newsletter.pdf](http://www.westmountainradio.com/pdf/Spring_2014_Newsletter.pdf)

DXMAPS 2.6 - QSO/SWL real time maps:  
<http://www.dxmaps.com/SPOTS/map.php?Lan=E&Frec=3&ML=M&Map=NA&DXC=N&HF=S&GL=S>

## What does this do? .... Split-Frequency Operating

Usually you can communicate with others stations using a single frequency for receiving and transmitting. However, there are cases where you may need to select one frequency for transmitting and one for receiving. This is Split-Frequency Operation. This will require the use of two VFOs, which most of not all modern transceivers have. The most common use of HF “split-frequency operation” is when a highly desired DX station is on the air. And currently many of the W1AW portable stations are on the air with so many individuals trying to make contact with them. **The most important part of “split-frequency operation” lies in the hands of the receiving (non-DX) stations, that is listen to the DX station’s instructions.** A good DX operator will continually advise you of his wishes on the frequency(s) he is listening to. Normally on phone operations they may say “listening 5 up” or “5 to 10 up”, which means 5 kHz or 5 - 10 kHz. On CW they will usually send “UP 1” or maybe “UP 1-2” or sometimes just “UP”. This would mean 1 kHz or between 1 and 2 kHz. “UP” is a bit more challenging as this usually means they are listening over a much larger frequency range. Please check your transceiver’s manual for the proper procedures. This information may be old hat and repetitive for some of you but for those new to ham radio or just getting started with HF operations I hope this helps you out.



Hint: If you hear the station you wish to contact but don't hear anyone attempting to contact them on this frequency you can be pretty sure that this station is listening on a different frequency(s). Listen up a bit on the band and if you hear a mess of stations transmitting you are in luck. Or Not!

PS: Don't get frustrated and remember that patience is a virtue.

## 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 members: Lane WD8PAJ [laned@chartermi.net](mailto:laned@chartermi.net) or 486-8697 and Bruce KH6IK [rbrucepierce@gmail.com](mailto:rbrucepierce@gmail.com).

CTCSS.....Continuous tone coded squelch system. A sub-audible tone system used on some repeaters. When added to a carrier, a CTCSS tone allows a receiver to accept a signal. Also called PL.

**HIAWATHA AMATEUR RADIO ASSOCIATION**  
**MAR. 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. No motion to approve the agenda was made.

**Introductions and Attendance** – The Club had 13 members and 1 guest in attendance. 8 of the 13 members are also ARRL members (62%).

**Secretary's Report** – The February minutes were published in the Standing Wave. A motion to accept the minutes as published was made by Bill KC8EWD and seconded by Lou KG8NK. The motion passed.

**Treasurer's Report** – Treasure Lucille KD8PTE gave the treasure's report for February. Again a motion to accept the report was made by Bill KC8EWD and seconded by Lou KG8NK. . The motion passed.

**Correspondence** – The only piece of correspondence was again from AMCAB. (Pre-school enrollment) Lucille KD8PTE contacted AMCAB to be removed from their mailing list. Although not a correspondence, the Mining Journal had a 2 page list of all the volunteers including a thank you to the ham radio operators in 2 different places.

**Committee Reports** –

**Repeaters/Tech.** – Paul KB0P reported everything appears to be working. Just a reminder to everyone using the repeaters to pause after keying the microphone. It takes a half second or so for the repeaters to respond to the keying in and off. So don't talk right away. Be patient.

**Ares/Races/Aux-Com** – Lou KG8NC will present his report as the post meeting presentation.

**PR** – No report was given. Lane WD8PAJ is working on Thursday nights and will not be able to make meetings.

**Old Business** –

**The UP200 Sled Dog Race** – Paul KB0P thanked everyone who volunteered. We had some minor glitches, but overall everything went well.

**New Business** –

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

**Field Day** – The date is June 28 & 29 from 2pm to 2pm. Do we want to be competitive? And on what mode? We can decide next month. Ralph N8HXG will contact Ishpeming Township and reserve the hall. Field Day is a go. We will also have our club summer picnic on Saturday night at Field Day. See you there.

**Programs** – Ideas for July and August? Contact Bruce Carlson N9MDE.

**PR help** – Lane WD8PAJ needs some help with the PR. It's important to get our club information out and it doesn't take a lot of time.

**Repeaters** – Bill KC8EWD reported that the weather service is replacing 2 of their repeaters and HARA has been offered them if we want them. We accepted the offer

**50/50 drawing** – Congratulations again to Mark KF8RV, the February and March winner.

**End of Meeting** – Motion to adjourn the meeting at 8:15 was made by Bill KC8EWD and seconded by Bruce KH6IK. The motion passed.

**Post Meeting Program** – *ARES/RACES* by Lou Gembolis KG8NK.

Anyone remember those days?



**"Here's a message from Milwaukee"**

This thoughtful wife knows that the nicest her husband takes to us Schlitz the reception is good. For Schlitz have very special beers that keep lovers are changing to with extra high frequency. Taste Schlitz, yourself. You'll soon know why—

Schlitz tastes so good to so many people, it's first in sales in the U.S.A.

PHOTO HEADLINE: "The King of Beer", with the House of Representatives, Washington, D.C. (1934) (1934) U.S. "The King of Beer" (1934) (1934) U.S.



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The Beer that made Milwaukee Famous



**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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