

January 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. Club info, membership, dues, etc can be found on our website at www.qsl.net/k8lod

MONTHLY MEETING: Marquette County Health Department Bldg., Lower Level, Negaunee Township.
Date: **January 2, 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

Nokie Ski Race: 1/25/14

Swap 'n' Shop: 2/1/14



Local 10 Meter Net

A new local net has just started with the first meeting being on Friday December 13th. The idea for the net came about earlier that same day at our weekly luncheon at Bonanza.

The main reason for the net is hopefully get more locals on the air and to become familiar with their equipment and also to get those somewhat mic shy individuals on the air and accustom to speaking on the air. Also we hope to discuss various equipment and antennas to better inform all of us of something we might not be familiar with. And let us not forget to just get on the air and enjoy one another's company.

For now we plan to meet on Friday evenings, 7:00pm on 28.400 MHz. This is not a formal net so there is no net control station. The frequency chosen is within the Tech and Novice phone portion of the 10 meter band so they can join as well. If you are first on frequency then just announce yourself and seek out others that are standing by. If you have any suggestions or questions join in and make them know when we meet on the air. Hope we hear you next Friday evening.

Swap 'n' Shop Raffle Tickets

Don't forget to pick up your raffle tickets from Rich N8GBA. Buy a packet or two for yourself and sell a few packets to support YOUR amateur radio organization.

V.E. TESTING:

03/08 **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 225-1594,
ki8af@arrl.net.

01/25 **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

??/? **Gladstone:** Delta County Amateur Radio Society Time:
10:00AM (Walk-ins welcome) Contact:
Dave Palmgren - N8DP, 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. Bruce N9MDE**

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 AC hum? (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 January go to: Judy W8ART, Don N8HDT, George N8HVT, Rich N8GBA, John W8ZUL, Gary NJ8H, Mike KD8JIR and Scott KD8VOA.

What's Your Favorite Ham Website?

G8JNJ Broadband HF Vertical Antenna: <http://g8jnj.webs.com/broadbandhfvertical.htm>

Backyard Multi-band Wire HF Antennas: <http://www.users.on.net/~bcr/files/backyard%20wire%20antennas.pdf>

On The Bands

Pete K8PT will be going back to Jersey Island this coming spring. His plans are to be on the air starting March 18th and going until March 26th. He'll keep us informed as the dates become closer.



PS: Technicians class operators, wouldn't this be a great time to upgrade (we have a test session scheduled for March 8th) and to work Pete as one of your first DX contact. Pete always makes it a priority to contact yooper stations.

SPECIAL EVENT STATION. W100AW, ARRL HQ Station. Look for special call W100AW to begin operations from the ARRL Headquarters Maxim Memorial Station at 0500Z on 1 January. See the ARRL Web site for more information about QSLing and about the Centennial QSO Party.

SPECIAL EVENT STATIONS. W1AW, Centennial Stations. Look for W1AW/4 in North Carolina, and W1AW/8 in West Virginia to be on the air starting at 0000Z on 1 January. They will be active until 2359Z on 7 January. See the ARRL Web site for more information about QSLing and about the Centennial QSO Party.

What does this do? the Speech Processor



Over the last many decades amateur radio transceivers have something called a Speech Processor. What is it and what does it do? The Speech Processor levels out large fluctuations in your voice while you speak. When using SSB, FM or AM (depending on your transceiver) mode, this leveling action effectively raises the average transmit output power, resulting in a more understandable signal. The amount of voice compression is adjustable. You will notice that using the Speech Compressor makes it easier to be heard by distant stations. BUT, don't overdo it. Excessively compressed signals are more difficult to understand due to distortion and are less pleasant to hear than signals with proper speech compression. CHECK your transceiver manual for the Speech Compressor control and its proper settings. And get on the air!

HARA 2013 Christmas Party/Dinner



AC hum: Unwanted 60 or 120-Hz modulation of an audio RF signal due to inadequate filtering in a power supply or improper grounding.

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 or 486-8697.

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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