

September 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: **September 4, 2014**
Time: **7:00 PM** *****

CLUB OFFICERS, 2014

Pres. Fred Mouser KD8JIP
VP: Bruce Carlson N9MDE
Sec. Mike Beltz KD8JIR
Treas. Lucille Scotti KD8PTE
Board Members:
Lou Gembolis KG8NK (Past Pres.)
Ralph Watters N8HXG
Lane Dawson WD8PAJ
EC – Jack Nelson N8JRN

STANDING WAVE

Editor, Greg KI8AF
Publishing, LaneWD8PAJ
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



Meeting program: Antenna project for discussion at September meeting and construction at the October meeting.

A suggestion I have is that we build two dipole antennas that we raffle off at the Christmas party. Or we could raffle off one at the party, and the other could be put in a drawing for new hams at the next testing coming up!

We'll talk about an improved G5RV. Antenna is just slightly shorter length to give a lower SWR at the band resonant points. A 1:1 balun is used between the ladder line and the coax.

This project gives us a chance to build a balun with a torroid core. I have plans and will bring a schematic for the balun that I designed and built. I did not design the actual balun circuit of course, but the assembly in a standard PVC box is my own and it works great!

Note that for the lover of the G5RV, we can make it that long and it can be original or improved by wrapping the ends back to shorten it slightly. Thanks Bruce N9MDE

V.E. TESTING:

09/13 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@arrrl.net.

10/04 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

10/11 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

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: Antenna project for discussion

October 2014: Antenna construction from Sept. discussion

November 2014: Winter Spotter Training. NWS staff

December 2014: Christmas Party

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 September go to: Eric N8RRZ, Chuck W8GEV, Pat KB8PEN, Rod KB8DNS, Jim N8NAV, Mike KE8IL, Dennis WD8OKJ, Dwight W8ABX, Fred N8BTS, Stu KD8DRD, Fred KD8JIP, Scott KD8NPJ, and Brandon N8PUM.

What's Your Favorite Ham Website?

A Simple and Flexible Tuner for QRP <http://www.qsl.net/wb3gck/tuner.htm>

HIAWATHA AMATEUR RADIO ASSOCIATION AUG. 07, 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 around 7:00 pm by Pres Fred Mouser at the HARA picnic. The reason for the meeting was the problem with the 147.270 repeater antenna.

Secretary's Report – No report was given.

Treasurer's Report – No report was given

New Business –

Repeater Antenna – As some of you have noticed, the 147.27 repeater has had some issues. Paul KB0P (who was not in attendance) and Fred Anderson (of Anderson Communications) both inspected the repeater antenna and agreed that a new one was needed. Because of the importance of this repeater and it getting late in the season to work on the antenna, it was imperative that we get this order of business done this month. If the repeater did not get a new antenna, the repeater will be shut down. The cost of a new antenna (with shipping) was going to be \$1,804.00. Treasurer Lucille Scotti KD8PTE reported that the club did have the funds in savings to cover the cost. After a little more discussion, a motion to purchase the antenna was made by Dave Thomas and seconded by Lucille Scotti. The motion was passed unanimously.

End of Meeting –The meeting was concluded at 7:15pm and the picnic was resumed.



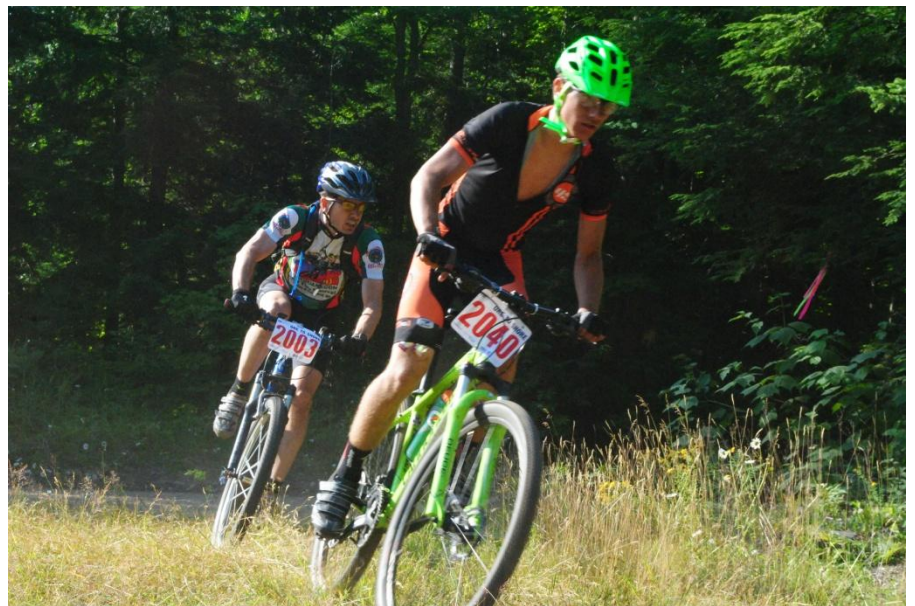
Marquette's
4th of July Parade
2014

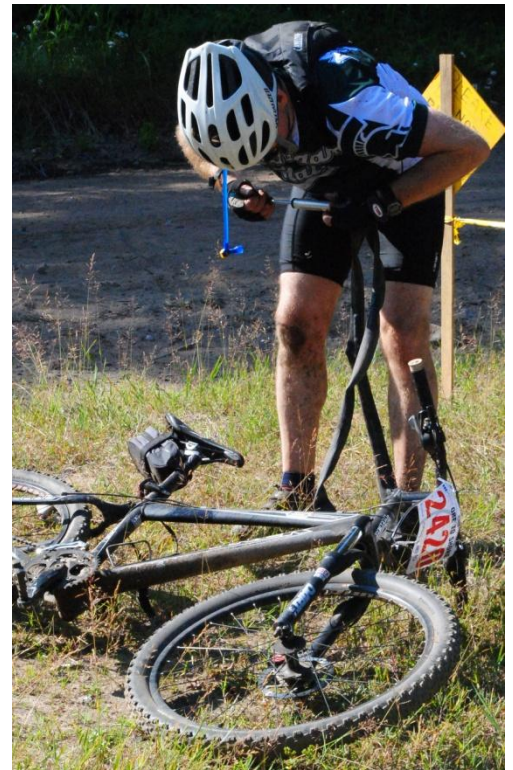


2014

Ore To Shore Bike Epic

Photos at Aid Sta. 5







Northwest Radio Photo

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 or Bruce KH6IK at rbrucepierce@gmail.com.

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 Club info, membership, dues, etc can be found on our website at www.qsl.net/k8lod. Annual membership dues can be sent to the above address directly.