

January 2010



## 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

**MONTHLY MEETING:** Marquette County Health Department Bldg., Lower Level, Negaunee Township.  
Date: January 7, 2010  
Time: 7:30 PM

### CLUB OFFICERS, 2010

Pres. Lou Gembolis KG8NK  
VP: Lane Dawson WD8PAJ  
Sec. Jim Jacobson W8QQE  
Tres. Fred Mouser KD8JIP  
Board Members:  
Past Pres. Paul Racine KB0P  
EC Rich Schwenke N8GBA  
Eric Pellinen N8TEV

### STANDING WAVE

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

### REPEATERS

KG8YT, 147.270 / .870 with 100 Hz PL-Tone Marquette  
K8LOD, 146.910 / .310 Ishp.  
N8RRZ, 146.640 / .040 Gwinn  
K8LOD-3.144.390 APRS Digi Mqt

### WHAT'S NEXT FOR US

Jan. 30, Noquemanon Ski Race  
Feb. 6, Swap'n'Shop  
Feb. 19/20/21, U.P.200/MNR



*A new year is upon us. With that comes the opportunity to fill in a few dates for Amateur Radio volunteering on that brand new calendar before one gets to occupied with other duties. While this may seem harping to some (those that always do their part), others may need a bit of enticing. To those that always seem to have something more important to do whenever we are volunteering for an event or function, I ask you to mark off even one day in support of Amateur Radio and your Hiawatha Amateur Radio Association.*

**And The Winning Number is.....**



Check out the details of the Christmas party on page 3 & 4.

## **V.E. TESTING:**

- 03/13 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. Contact Rich Schwenke, N8GBA at 906 249-3837 or e-mail: [n8gba@chartermi.net](mailto:n8gba@chartermi.net)
- 01/23 **Houghton:** 8:30am eastern time, V.E. Exams at Michigan Tech. University in Houghton, MI will be held in the ballroom of DHH (Douglass Houghton Hall at Michigan Tech). Free Parking in Lot #14, front of DHH, across from Wadsworth Residence Hall. Use door #9 on the South-East side of DHH. Contact Glenn Ekdahl, WA8QNF at (906) 482-7743 if you have questions
- 02/06 **Iron Mountain:** 9:00am central time, (arrive by 8:30am) Dickinson County Library (conference room), contact Mark J. Lewis N8UKD, 412 Fairmount St. Kingsford, Mi 49802
- 01/09 **Gladstone:** Delta County Amateur Radio Society Time: 10:00AM (Walk-ins welcome) Contact: Howard St. John (906) 428-9476 Email: [hsj99@charter.net](mailto:hsj99@charter.net) 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.*

## **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, Judy N8ITK, Paul KBVEP and Michael KD8JIR.

## ***HARA'S* annual Swap'n'Shop is coming fast.**

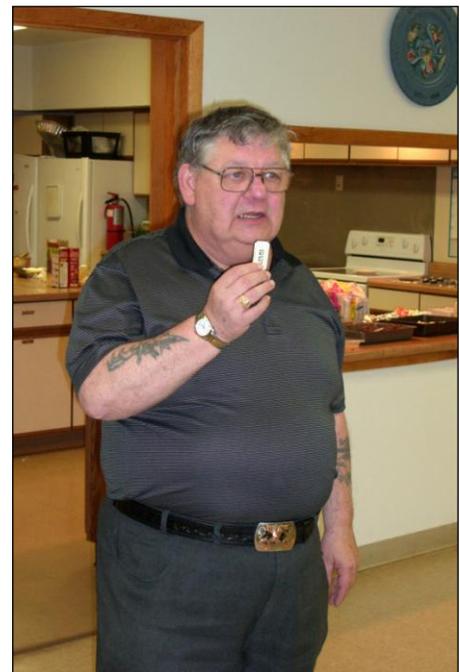
Mark your calendar, **February 6, 2010** so you won't miss the annual Swap'n'Shop at the Negaunee Township Hall. Tables always sell out so if you want a table or two please get a hold of Greg KI8AF and reserve yours. Tables are still on \$6.00 each. Greg's contact info: 906 225-1594 or [ki8af@arrl.net](mailto:ki8af@arrl.net).

## **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 are: Lee KD8BJC [leerowe@charter.net](mailto:leerowe@charter.net) or 346-9278, Lane WD8PAJ [laned@chartermi.net](mailto:laned@chartermi.net) or 486-8697.

## Christmas Party/Potluck Dinner

There was about 30 attendees at our annual Christmas Party held on December 3<sup>rd</sup>. Plenty of delicious food and desserts were served and our *story teller* Lane WD8PAJ told us an experience or two he had while driving his tour bus for all those years. The grand prize, a Yaesu HT 2m rig was won by Jim WB8IEH. Lou KG8NK and Eric N8RRZ both won a gift certificate from *Mama Mia's Italian Restaurant* and Sheree KD8EDS won a HT holder made by Pete KC8YTX. Thanks go to Eric N8RRZ for providing the photos.





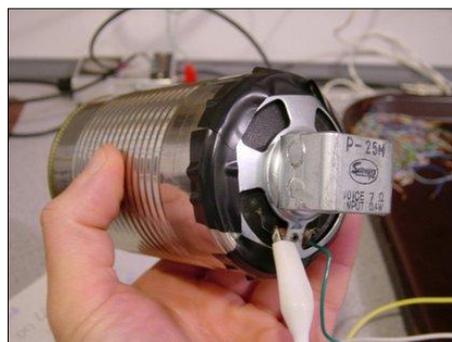
## On The Bands

Finally it looks as we are starting to see a few sunspots and while those numbers aren't too great yet, hopefully it is what we've all been waiting for. So get on those hf bands, make some contacts, and let the *Standing Wave* know if you make that special one or two you've been looking for.

## **Volunteering your time Counts!**

Each month many members volunteer their time for club activities some of which might include repeater maintenance, ARES, EOC operations, Life Tracker, newsletter, PR, club business, etc. All these volunteered hours and mileage can be credited to HARA and amateur radio but only if you report them. AEC Dave Thomas KD8DRF reports these numbers monthly. So at the end of each month please contact Dave with services rendered, hours and mileage. Contact Dave at [dlthomas@chartermi.net](mailto:dlthomas@chartermi.net)

# New England Code Talker



□

In order to complete my first QSO with [El Silbo](#) I resorted to sending Morse code, by literally speaking "DIT DAHHH DIT," etc., into the loudspeaker (working backwards as an acoustic to electrical power generator). This gave me the idea to build a dedicated voice-powered CW transmitter. I call this CW transmitter the *New England Code Talker*.

As indicated by the schematic diagram, the incoming acoustic energy is bridge-rectified in order to energize a crystal-controlled RF oscillator. To operate this radio I speak loudly, with my mouth pressed into the tin-can. CW characters are produced by the length and spacing of the sounds that I utter. At present, the output RF power is 20mW on 80m. A 20m version of this voice-powered transmitter was constructed on 11/04/09. On the next day I made four great contacts with it running an RF output power of 15mW.

Band	Station	His/Mine	QTH	Distance	Comments
80m	AA1MY	589/559	Bethel, ME	160km	"gud cpy"
80m	K1MPM	599/569	Freeport, ME	214km	"wow really big sig fer ten mw"
80m	W1DFU	579/579	Wallingford, VT	68km	
80m	KB1KGA	599/579	Mt. Vernon, NH	152km	"solid cpy hi vy gd sig"
80m	W1PID	569/599	Sanbornton, NH	109km	"peaking S9 hi"
80m	W4OP	569/469	Glenville, NC	1329km	I peaked 569
80m	NU4I	559/239	Williamsburg, VA	826km	I peaked 439
20m	W4OP	599/579	Glenville, NC	1329km	Please listen to the recording below!
20m	K4NK	559/339	Anderson, SC	1364km	
20m	W4FOA	599/579	Chickamauga, GA	1486km	"FB Mike ur an honest 579"
20m	WE5O	599/519	Seneca, SC	1367km	
80m	W1PID	599/599	Sanbornton, NH	109km	17min. QSO using <i>my normal speaking voice!</i>
80m	W1LVT	599/338	Richford, VT	100km	I answered Len's CQ
80m	VE2FKZ	579/577	nr Montreal	131km	Michel answered my CQ
80m	AA1MY	579/549	Bethel, ME	160km	Seab copied me down to 10mW using his Reggie!

W4OP very kindly recorded my voice-powered signal on 20m at his QTH (a distance of 1329km). Bear in mind that both the RF energy and the keying were produced by my saying the likes of "Dooo Do Dooo Do Dooo Dooo Do Dooo" (= "CQ") loudly into loudspeaker. On 11/5/09 I received an SWL report from AD5VC (thank you, Dana!) at a distance of 2214 km.

"You were 229 at about 1420z at K5LSU on the LSU campus in Baton Rouge. I had you at 14054.8 kHz. I heard only a partial call sign ?A1TJ and copied nothing more for a couple of minutes. Then back up for full call sign AA1TJ a couple of minutes later."

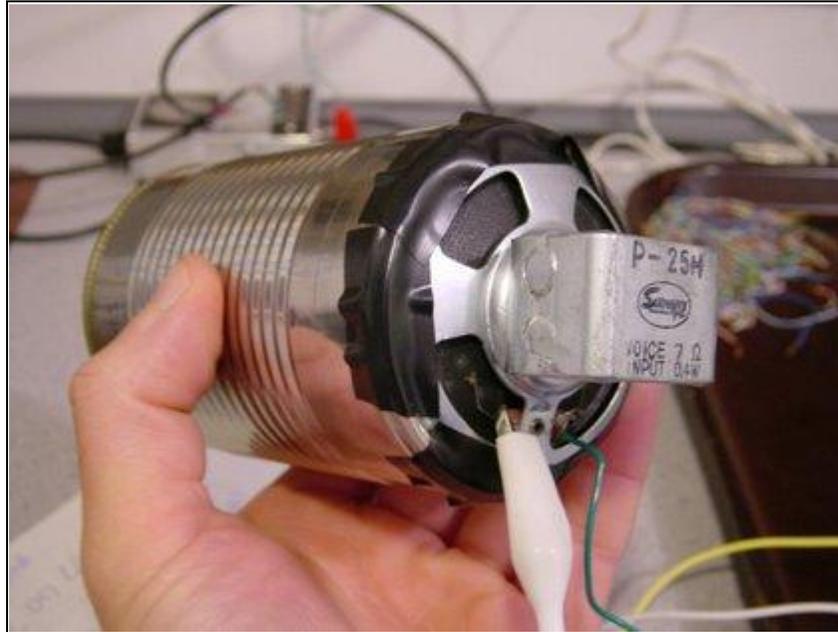
Here are some nice comments made by some of the stations that I've worked with this transmitter. "I just had the pleasure of working Michael's New England Code Talker from my QTH in the N.C. mountains to Vermont at 826 miles. The

band was so-so and no copy on the high dipole, but when I switched to the NE Beverage- there he was 469. Still hearing him from my office- some 30' from the shack. I have now worked Reggie during the summer QRN and Code Talker- quite a thrill. Thanks Michael. BTW, your current CQ is an honest 569! 100% copy. Unbelievable." Dale, W4OP

"Mike....this was easily as good as my first microwave EME QSO. I was absolutely astounded at your signal strength."

Dale, W4OP "Well, that was a real hoot! I received the 559 reports easily at 439...." Ken, NU4I

"Mike is still S5-S7 on 14055 at 1415Z...amazing! Still CQing. Good CW, sounds almost like an automatic beacon "CQ AA1TJ" (pause). I'm sure his voice must be getting a bit "raspy" now but a pure DC note, hi." Tony, W4FOA



## Sweatin' Bullets'



Dave KD8DRF the only examinee at our recent VE test session *Sweatin' Bullets* while six VE examiners stand guard. But not to fear as this *Buckeye* passed the general class test.



Way to go Dave and *Go Bucks!*

## and Finally.....

Elvis (aka KC8PFV) was in the area but couldn't make it to our Christmas Party. Maybe next year if we are luck he'll make an appearance but for now *Elvis has left the building.*



HAPPY  
NEW  
YEAR!

**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. If you have any comments or suggestions please contact the editor. 73 until next month, Greg KI8AF@arrl.net



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