

# Waveguide

**W8LAP / r**

146.620 - 100 Hz

442.750 + 123 Hz

**Lapeer County Amateur Radio Association**

Club Founder: Hollis Hayes W8ACD

Edition for **May 2015**

**\*\* The next regular club meeting will be held on Tuesday,  
May 12th, 2015 @ 7:30 pm at Lapeer County EOC \*\***

## ARES Net

Every Tuesday at 8:00 pm on 146.620 - with 100 Hz PL

(except club meeting nights)

## Thursday Night Net

Every Thursday at 8:00 pm on 442.750 + with 123 Hz PL

## Meetings

LCARA meetings are held the second Tuesday of each month in the Lapeer County Central Dispatch Center (911), 2332 W. Genesee St., Lapeer, MI at 7:30 pm

## Newsletter

Items for the newsletter may be called in to the editor at 810-793-4986 or emailed to [kevinboxey@hotmail.com](mailto:kevinboxey@hotmail.com). The deadline for submission is the 20<sup>th</sup> of each month.

Website: <http://www.w8lap.com>

Facebook: Lapeer County Amateur Radio Association

# NEPAL Earthquake

Please keep the following  
frequencies clear for  
**EMERGENCY** traffic  
in and out of Nepal

**14.310 MHz**

**14.210 MHz**



**7.100 MHz**



2015 2015 2015 2015 2015 2015 2015 2015 2015

May						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
					1	2  LTZ at 1:00 pm
-ARPSC @ 5:00 pm on 3.932 LSB -D3 net 145.31+ 131.8 Hz PL at 6:30 pm - D3 HF digital net 3.583 USB at 8:00 pm	4	5 ARES net 146.620+ 100 Hz PL at 8 pm	6	7 ARES net 442.750+ 123 Hz PL at 8 pm	8	9
-ARPSC @ 5:00 pm on 3.932 LSB -D3 net 145.31+ 131.8 Hz PL at 6:30 pm - D3 HF digital net 3.583 USB at 8:00 pm	11	12 LCARA club meeting 7:30 pm at the EOC	13	14 ARES net 442.750+ 123 Hz PL at 8 pm	15	16 -T&C
-ARPSC @ 5:00 pm on 3.932 LSB -D3 net 145.31+ 131.8 Hz PL at 6:30 pm - D3 HF digital net 3.583 USB at 8:00 pm	17	18	19 ARES net 146.620+ 100 Hz PL at 8 pm	20	21 ARES net 442.750+ 123 Hz PL at 8 pm	22
24		26 ARES net 146.620+ 100 Hz PL at 8 pm	27	28 ARES net 442.750+ 123 Hz PL at 8 pm	29	30
						
Phases of the moon: 3:○ 11:● 18:● 25:●						
Holidays and Observances: 10: Mothers' Day, 25: Memorial Day						

June						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2 ARES net 146.620+ 100 Hz PL at 8 pm	3	4 ARES net 442.750+ 123 Hz PL at 8 pm	5	6  LTZ at 1:00 pm
-ARPSC @ 7:00 pm on 3.932 LSB -D3 net 145.31+ 131.8 Hz PL at 6:30 pm - D3 HF digital net 3.583 USB at 8:00 pm	8	9 LCARA club meeting 7:30 pm at the EOC	10	11 ARES net 442.750+ 123 Hz PL at 8 pm	12	13
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Phases of the moon: 2:○ 9:● 16:● 24:●						
Holidays and Observances: 21: Fathers' Day						

2015 2015 2015 2015 2015 2015 2015 2015 2015

## Upcoming events

*May's club meeting presentation will be about club member's experience with the recent MI QSO party event.*



## Public Service Event Schedule

**\*\*\* please keep these dates open in your calendar \*\*\***



Memorial Day Op CARE - 22 to 25 May 2015 (TBC)

 Big Fish Triathlon - 31 May 2015

July 4<sup>th</sup> Op CARE - 02 to 05 July 2015 (TBC)

Atwood - 19 July 2015

Crim - 22 Aug 2015

Labor Day Op CARE - 04 to 07 Sept 2015 (TBC)



## *Editorial Section*

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### **The President Says:**

OK the Waveguide is a little behind for May. My work schedule has been nothing but overtime lately and probably will be throughout most of the summer. This is launch season for GM and I am working on the 2016 Camaro. Luckily, the GM assembly plant is in Lansing and not Oshawa, Ontario this time.

The presentation for May will be 3 club members (or more?) talking about their recent experiences with the MI QSO party event. I am sure we will hear about lessons learned for the logging software and what operating strategies worked and did not work well.

There are many events coming up that the club will need support for including operation CARE and the Big Fish Triathlon. Please consider supporting the club with your time and talents. I will also mention outside of county activities. When other events see support from outside of their county it builds goodwill and may even help create outside help with our own events.

There was a discussion on license testing at the April club meeting. It is true we have not had a testing session in quite some time here in our club. The last time must have been at our last swap event. You will notice on the very last page of the Waveguide that the "testing coordinator" position has been and is still open just waiting for you to raise your hand. Please consider becoming a VE. I know from the D3 net every week that Alcona County (as an example) is constantly reporting newly licensed hams from their testing sessions - it is possible to grow our ranks.

See you at the club meeting.  
Kevin KB8TAR

### **The VP / EC Says:**

It's that time of year again, Operation Care. We as a club decided to try again and the sign-up is available at [w8lap.com](http://w8lap.com).

The SET is June 5th at the health dept and we as a group will not be needed but Kevin will be at the EOC and we'll be passing some traffic to test out the radios. If someone wants to check the radio at the hospital at the same time let me know so I can advise security.

73 until next time, TOM

## Editorial Section

### The Trustee Says:

Hello W8LAP Supporters:

There have been no issues that involve the trustee administration function, and no system malfunctions.

The Tech Team visited the repeater site in early April. Wiring for remotely resetting the two meter controller was completed, and timed notifications of the Tuesday two meter net were uploaded.

### This month's Links:

*Dr. Tamitha Skov*

Whether you are interested or not in solar weather, it affects many aspects of your life. Not only does this weather influence Amateur high frequency operation, but also TV, telecommunications and GPS satellites.

If one wants to get predictions of what frequency bands might be affected in the near future, the web has many sites that detail solar activity. Unfortunately, these sites also assume that users are well-versed in the arcane terminology used in these studies.

Dr. Skov takes a different approach. She produces weekly reports that emulate those you see on local news program weather reports, with little mention of the technical terms. In fact, she even takes a few moments to mention how her solar forecasts will affect Ham Radio activity in the coming week. If you are a regular HF operator, you may find value in her predictions.

Dr. Skov biography: <http://www.scieande.com/2.html>

Sampler video: <https://www.youtube.com/user/SpWxfx>

YouTube archive: [.youtube.com/results?q=Tamitha+Skov](https://www.youtube.com/results?q=Tamitha+Skov)

YouTube selector: <https://www.youtube.com/user/SpWxfx/videos>

Dr. Skov was discovered by the "[Ham Nation](#)" producers, and her forecasts are included in the program. This inclusion resulted in Dr. Skov becoming interested in Ham Radio, is pursuing a license, and will be attending the annual Dayton Hamvention this year.

I've noticed that there is still a problem with the hyperlinks in my notes. These result in getting "Page Not Found" errors. Despite being triple tested in the original document, the errors are persistent. The source is in the publishing process. The original Microsoft Word document is pasted into Microsoft PowerPoint for formatting. It is then are converted to a pdf document for distribution. I apologize for inconvenience they cause, but re-writing the conversion programs is beyond my capabilities.

If you have trouble with a clicked link in this column, there are two ways to correct the additional characters that get added in the conversion. The first is to manually highlight the link as it is printed, then copy it (ctrl-C), and paste it (ctrl-V) into the URL address in your browser. The second is to click on the link, get the "Page Not Found" error, erase the additional letters in the browser URL, then press "Enter."

See you at the next meeting,

Mike, KN8Z (kn8z at arrl.net)

## Editorial Section

### The Secretary Says:

The meeting was called to order at 7:30 pm by President Kevin KB8TAR. There were 11 members and guests in attendance.

No one was reported to be ill or in the hospital.

Dick KC8VHA volunteered to haul the trailer used for Operation Care Weekend. Thank You Dick! The signup sheet for Operation Care will be on our website soon. Please plan some time and volunteer to support your club and its programs. Andy reports he has a cooler we are able to use for the Operation Care Event.

Community Service events coming up are:

April 25	Midland Marathon
May 9	Frankenmuth Marathon
May 17	Midland Marathon
May 31	Big Fish Triathlon

Since Big Fish Triathlon primary support is provided by LCARA for this event, please volunteer to support the communication needs. Contact Kevin KB8TAR.

Meeting minutes for March 2015 were read and accepted by the membership present.

Lapeer County SET exercise is scheduled to June 5<sup>th</sup> 8:30 am till noon. Even though LCARA is not directly involved in the exercise, Tom [KD8EBY@ARRL.NET](mailto:KD8EBY@ARRL.NET) requests volunteers for net control and other operators to monitor the repeater for possible communication needs. Tom also requests support and site walk through to develop an amateur radio operating position within the Lapeer County Health Department Building right after the SET event. Please contact Tom.

The treasury report was presented by Kevin KB8TAR. It was accepted and approved by the membership present.

The repeater team report was presented by Mike KN8Z. All repeaters are functioning well. The repeater maintenance team visited the site which survived the winter without any issues. While the team was there they updated the VHF repeater controller configuration to include a master reset. We updated the time out timer due to a member being a bit long winded, added reminder messages for the Tuesday net and tweaked the clock time.

Kevin requested ideas for future presentations. Antennas, practical use of ham radio, license upgrades seemed to be the most popular.

Museum Ships Weekend will be June 6/7, 2015. The Michigan Museum Ships Organization will activate a Museum Ship on each of the 5 Great Lakes. If you work each of the 5 special event call signs the Worked All Great Lakes Award can be yours.

See the website <http://ships-wagl.com/> for all operational details.

The presentation for the evening was the Go Kit presented by Kevin KB8TAR. He bought his Go Kit and demonstrated his implementation of portable communication station. Will KB8YGA also brought and showed his Go Kit. Definitely lots of ideas were shared to implement personal go kits. Thank You Kevin and Will.

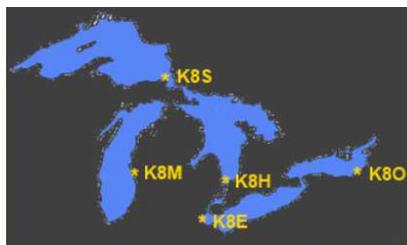
The presentation for the June meeting will be "Software Defined Receivers and HF Recordings" presented by Gordon KD8TXW.

Meeting adjourned 8:57 pm

Respectfully submitted

Lee  
N8LJ

## Event announcement



### Ships Amateur Radio Club Museum Ships Weekend Special Event "Worked All Great Lakes"

**Museum Ships Weekend**  
June 6<sup>th</sup> (00:00Z)  
thru  
June 7<sup>th</sup> (23:59Z)

FREQUENCIES	
SSB	CW
3860	3539
7260	7039
	10109
14260	14039
18160	18079
21360	21039
24960	24899
28360	28039



**Lightship Huron:** The Lightship Huron has been on the air many times in years past. This year will be no exception. The Lightship Huron will use the Call sign "K8H" and represents **Lake Huron** for the **WAGL** during Museum Ship Weekend.

**Operators:** The following Operators will be active getting the Huron on the air for Museum Ships Weekend. The ops are **AC8W, N8LJ, and NT8V**.



Ships Amateur Radio Club Operation Information for WAGL			
Call Sign	Ship Name	Location	Great Lake
K8H	Lightship Huron	Port Huron Mi.	Lake Huron
K8E	SS Col. Schoonmaker	Toledo, Oh	Lake Erie
K8M	SS Milwaukee Clipper	Muskegon, Mi	Lake Michigan
K8S	SS Edmund Fitzgerald	Whitefish Point, Mi	Lake Superior
K8O	US Army LT-5 Tug Boat	Oswego, NY	Lake Ontario

Learn more at <http://ships-wagl.com/>

## Notes from around D3

- First, the Saginaw VHF repeater, 145.33, owned by Dave N8ERL, has added a PL of 88.5. It is still currently in beta testing at our Rosein Tower location, but will be moved to a permanent site sometime in the future.
- Second, the MICON group has added a remote link for the Frankenmuth repeater, owned by Jeff KB8SWR, at the James Township fire department tower. The repeater (also owned by KB8SWR) is 444.950 with an odd split of 4.075. The PL of this repeater is 107.2. It just went online over the weekend and is being tested and tweaked. This will give access to Jeff's linked repeater from the west side of Saginaw for Skywarn events. Interference in the Saginaw City area has made it difficult to reliably access the Frankenmuth UHF repeater from the west side of Saginaw. This remote link should help resolve the issue.

The following Public Service events across District 3 will require, in addition to local hams, a number of out-of-county ARES communicators to be successful. If you can participate in any of these events, please contact the organizers for more info or to volunteer.

*There is a special need for additional operators for the May 16 and 17 weekend races in Midland, since these dates coincide with the annual exodus of area hams to the Dayton HamFest. If you are resisting the urge to go to Dayton, please make a special effort to help Chris, KB8UIH (contact info below).*

- **Saturday, May 9 - Frankenmuth MS Walk**
  - o SVARA requests 6-8 out-of-county communicators
  - o meet at the Kern Pavilion, 601 Weiss St. in Frankenmuth at 8:30 AM to receive assignments and maps of positions on the Walk.
  - o the MS Walk will be over by Noon.
  - o to volunteer or for more info, contact Emmett, NE8B:  
S phone 989-274-9039  
S e-mail [NE8B@arrl.net](mailto:NE8B@arrl.net)
- **Saturday, May 16 - the DowRun Races in Midland**
  - o contact Chris Rose, KB8UIH, for more information:  
S home phone - 989-832-7179  
S cell phone - 989-948-9153  
S e-mail - [kb8uih1@att.net](mailto:kb8uih1@att.net)
- **Sunday, May 17 - Great Lakes Bay Marathon in Midland County**
  - o 25 Operators are requested, more will be put to use.
  - o Operators needed from 6AM-2PM
  - o Marathon starts at 7AM, Half Marathon starts at 7:30AM.
  - o NCS and start/end location will be at the Dow Diamond (Loons Stadium in the City of Midland), on the upper deck near the Northern Lights Picnic Area
  - o we will use the 147.00+ (no PL) repeater; HTs and mobiles needed
  - o contact Chris Rose, KB8UIH:  
S home phone - 989-832-7179  
S cell phone - 989-948-9153  
S e-mail - [kb8uih1@att.net](mailto:kb8uih1@att.net)

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## Stuff for Sale

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\*\*\* Wanted Hustler 6BTV or 5BTV vertical antenna. \*\*\*

Lee  
N8LJ

*If you have something to sell please send an email with the details to [kevinboxey@hotmail.com](mailto:kevinboxey@hotmail.com) to be included in the Waveguide listing.*



*Don't forget to join your fellow hams on the LCARA nets*

- *Tuesday night at 8:00 pm on 146.620 - with 100 Hz PL*  
*and*
- *Thursday night at 8:00 pm on 442.750 + with 123 Hz PL*

## Hamfest information

5/2/15 Cadillac Cadillac, MI  
5/9/15 CCRA-KCRA Hamfest Chassell, MI  
5/9/15 Big Sandy Hamfest Louisa, KY  
5/15/15 Dayton Hamvention® Dayton, OH  
5/30/15 Ashland Ashland, KY  
6/6/15 IRA Hudsonville, MI  
6/6/15 Princeton Hamfest Princeton, KY  
6/6/15 Fulton County Tedrow, OH  
6/7/15 Chelsea Chelsea, MI  
6/21/15 Monroe Monroe, MI  
6/20/15 Milford Milford, OH  
7/9/15 Michigan Summer Outing Hale (Lupton), MI  
7/11/15 20/9 Radio Club Tailgate and Hamfest Austintown, OH  
7/18/15 NOARS Fest Elyria, OH  
7/18/15 GM ARC Trunk Swap Shelby Twp  
7/19/15 Van Wert Van Wert, OH

# Dayton Hamvention Bus Trip



**Saturday,  
May 16, 2015**

**Sponsored by the  
ARROW  
Communication  
Association**

The ARROW Communication Association is once again proud to sponsor a motor coach trip to the 2015 Hamvention in Dayton, Ohio. Started in 2002, this annual club activity has grown in size and reputation with hams across Michigan. We have been host to over 500 hams for this event.

Join us on **Saturday, May 16, 2015**, when we depart from the park-and-ride lot beside Ann Arbor Pioneer High School (601 W. Stadium Blvd) at 4:30 a.m., arriving in Dayton around 8:00 a.m. On board, you can stretch out, relax, take a nap, chat with other hams, and enjoy a continental breakfast with coffee as the coach takes you directly to the country's largest amateur radio event!

**We arrive at Dayton early enough so that you can enjoy a full day!**

- Visit exhibits
- See what's new from major manufacturers
- Attend seminars
- Take license tests
- Shop the largest outdoor swap meet in the United States

When Hamvention closes at 5:00 p.m., return to the bus with your purchases for the ride back home. No standing in lines waiting for a shuttle bus or fighting traffic!



## Got stuff to sell? We can help!

We will have a booth in the flea market. If you buy a bus ticket, you can sell your stuff at our booth. All we ask is that you limit it to a reasonable amount and that you volunteer for one hour at the booth. The cost of a booth alone is \$70, more than the cost of our ticket, which makes the ARROW trip a GREAT value!

## For our out-of-town guests!

If your QTH is too far away to drive to meet our bus which leaves at 4:30 a.m., and you need information about hotels in Ann Arbor, contact us at the information listed below for details.

## This is no ordinary bus trip – it's an ADVENTURE!

Tickets are \$65. This does **NOT** include your admission to the Hamvention. We suggest that you purchase your 2015 Hamvention ticket(s) in advance to take advantage of the discount and enjoy the day without waiting in line for your tickets, or see how you can win one of two free Hamvention tickets below!

When you add it all up, taking the bus with the ARROW is the most economical and relaxing way to attend Dayton. For more information on the 2015 trip, go to our website and click the Dayton bus trip link under Activities.

\*All ticket purchases RECEIVED by 4/8/2015 will be entered into a raffle drawing to win one of two free tickets to the Hamvention. Winners will be drawn at the April ARROW meeting on 4/8/2015 and will be contacted.

## Contact information:

John Wasciuk, WA8TON  
616 560-3365  
e-mail: activities@W8PGW.org

**Yes!!! Sign me up!!!**

Name/Call Sign

Address

City/State/Zip

Telephone

E-mail (correspondence via e-mail)

Will you need hotel information for the night of 5/15/15?

How did you hear about us?

# of tickets      \$ amount enclosed

I would like to join the ARROW for \$20.00 a year.

Make check/money order payable to:  
ARROW Communication Association

Send Order Form and payment to:  
ARROW Communication Association  
3322 Yellowstone Drive  
Ann Arbor, MI 48105

PayPal is available through the website:  
**www.w8pgw.org**

Prices  
Ticket Price \$65 (\$60\*)  
Member Discount Price \$55 (\$50\*)  
ARROW Yearly Membership \$20

\*If received/postmarked by 4/1/2015.

## L.C.A.R.A. MEMBERSHIP APPLICATION

PLEASE PRINT:

CALL SIGN: \_\_\_\_\_ NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

CITY, STATE, AND ZIP: \_\_\_\_\_

PHONE : \_\_\_\_\_ LICENSE CLASS: \_\_\_\_\_

SKYWARN NO.: \_\_\_\_\_ RACES NO: \_\_\_\_\_

ARES MEMBER YES \_\_\_ NO \_\_\_ E-MAIL ADD.: \_\_\_\_\_

ARE YOU AN A.R.R.L. MEMBER: YES \_\_\_ NO \_\_\_

L.C.A.R.A. MEMBERSHIP IS \$12.00 PER YEAR, RENEWABLE EACH YEAR ON **OCTOBER. 1ST.** FAMILY MEMBERSHIP \$20.00. ASSOCIATE MEMBERSHIP \$4.00. IF YOU WISH AN AUTODIAL NUMBER FOR THE REPEATER THERE IS AN ADDITIONAL \$3.00 CHARGE. Financing available.

### **Lapeer County Amateur Radio Association**

P.O. Box 12

Hadley, MI 48440-0012

Lapeer County Amateur Radio Association

P.O. Box 12  
Hadley, MI 48440-0012

Officers

President: Kevin Boxey KB8TAR, 810-793-4986  
Vice President: Tom Oliver KD8EBY, 810-247-3227  
Treasurer: Bill Miller KD8VP, 810-797-5329  
Secretary: Lee Dziekan N8LJ

Committees and Appointees

Club Call Trustee W8LAP: Mike Zedan KN8Z  
Repeater technical team: Lee N8LJ & Will KB8YGA  
Skywarn Coordinator: Tom Oliver KD8EBY  
Meeting Refreshments: Bill Miller KD8VP  
Newsletter Editor: Kevin Boxey KB8TAR  
Net Manager: Tom Oliver KD8EBY  
Testing Coordinator: **Volunteer needed**  
County EC: Tom Oliver KD8EBY  
County AEC: Kevin Boxey KB8TAR  
County AEC: Joe Medved KD8CIL



[WWW.ARRL.ORG](http://WWW.ARRL.ORG)