

# Waveguide

**W8LAP / r**

146.620 - 100 Hz

442.750 + 123 Hz

**Lapeer County Amateur Radio Association**

Club Founder: Hollis Hayes W8ACD

Edition for **February 2015**

**\*\* The next regular club meeting will be held on Tuesday, February 10th, 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

## *Editorial Section*

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### **The President Says:**

Hello to all LCARA members.

You will never guess where I am writing this from so I will just tell you. I am sitting in sunny Chihuahua, Mexico on a trip for work. The temperature here was 70° for a few days but now it is a chilly 50°. I hear there is snow at home. Unfortunately, I travel light and unlike Lee the radios stayed at home.

Speaking of being out of town, thanks to Will KB8YGA for taking net control for a net or two. To this end I included the net preamble again later in the Waveguide. There currently is no net control schedule and anyone is invited to try their hand at being the net control operator. It is not difficult and it is a skill every operator should be familiar with.

We had a very nice presentation at the January meeting from Lee N8LJ but the turnout was a little disappointing. The presentation in February will be given by Mike KN8Z on his experience with home security cameras.

We had an excellent suggestion from Lee N8LJ for an additional meeting agenda item called "Ask Elmer". This is a time segment during the meeting in which anyone can ask a question to the group on how to solve their radio related problems. I'm sure every question would be informative for the group.

OK that's enough. I'll see you at the meeting in February.

Kevin KB8TAR

### **The Treasurer Says:**

Greetings to one and all. I hope that winter hasn't been too hard on you so far, we sure have had some extremes. Winter is what it is right? Anyhow I am here to tell you that your treasury is in fine shape.

There was only the electric bill to pay this month, and we did take in some dues to balance that out, so we are still ahead of the game. February is the month that we have to take some big hits for insurances, but that isn't anything that we haven't planned for, so all is OK.

That being said, I would like to encourage all that reads this to come to the meetings and bring a friend, ham or not. We have had some excellent presentations as of late, and I know that our president is working on getting more to follow. Lee's slide show about his DX trip, just made me drool. Lee also brought up the fact that the Michigan QSO party is coming up soon and that we should represent Lapeer County as a club project. Something to think about guys. Lets get together on it.

Ok, that is enough for now. Just remember to pay your dues and also to utilize your repeaters.

73, William Miller KD8VP Treasurer

## *Editorial Section*

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### The Trustee Says:

Hello W8LAP Supporters:

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

### This month's Links:

#### *Lectures*

Having web access gives us opportunities that past generations could only dream of. For better or worse, we have nearly unlimited access to information, news, references, entertainment, and education.

Two sources of technical subject matter are the MIT\* and India Institute of Technology lectures. Both have dozens of lectures on science, engineering, electronics and mathematics. Don't let the reputations of these higher learning centers throw you off. You can glean plenty of learning from both. This is not to say that there are not some lectures that are focused way up yonder. There are some of these. There are also many that address subject basics.

Be forewarned that the IIT lectures take a bit of concentration. The professors speak English, to be sure, but some have accents that clash with our American accents. This does not detract in any way from the quality and thoroughness of the presentations.

The MIT lectures:

[http://www.youtube.com/results?search\\_query=mit+lectures&oq=mit+lectures&gs\\_l=youtube.1.0.0i10.404676.407232.0.409471.12.6.0.6.6.0.168.945.0j6.6.0...0.0...1ac.1.9bZSoB8t8Ec](http://www.youtube.com/results?search_query=mit+lectures&oq=mit+lectures&gs_l=youtube.1.0.0i10.404676.407232.0.409471.12.6.0.6.6.0.168.945.0j6.6.0...0.0...1ac.1.9bZSoB8t8Ec)

Shortened MIT lecture link: [MIT Lectures on YouTube](#)

India Institute of Technology lectures:

[http://www.youtube.com/results?search\\_query=indian+institute+of+technology+lecture+&oq=in dia+institute+of&gs\\_l=youtube.1.1.0i10i10.3772.8180.0.11586.18.17.0.1.1.0.232.2333.2j14j1.17.0..0.0...1ac.1.HSWcRmYPFVE](http://www.youtube.com/results?search_query=indian+institute+of+technology+lecture+&oq=in dia+institute+of&gs_l=youtube.1.1.0i10i10.3772.8180.0.11586.18.17.0.1.1.0.232.2333.2j14j1.17.0..0.0...1ac.1.HSWcRmYPFVE)

Shortened IIT link: [India Institute of Electronics](#)

\* Massachusetts Institute of Technology

See you at the next meeting,

Mike, KN8Z (kn8z at arrl.net)

## *Editorial Section*

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### The Secretary Says:

Lapeer Radio Club Meeting Minutes 13 Jan 2015

The meeting was called to order at 7:30 pm. 10 members in attendance.

A big welcome to Larry WB8SJD new member.

Hospital Report: Dar's (KC1BUD) wife. We wish her a speedy recovery.

Community Service Report: The 2015 calendar with events is published in the WaveGuide. Please try to plan time to support these events needing radio communications.

Lapeer County Skywarn training will be April 16<sup>th</sup> at the PIX Theater. Stay tuned for details.

Secretary Report: The November meeting minutes were read and approved by the members.

The Treasure's report was presented and approved by the members.

Trustee Report: The repeater system is working fine. Every so often our lurker shows up. If you hear him just ignore him and he just goes away.

EC Report: ARES cards have been distributed. If you don't have yours please contact Tom KB8EBY. The EOC needs to be updated with the location of amateur antennas at government/emergency support facilities in Lapeer County.

### Meeting Business:

Gordon, our WaveGuide editor has changed work shifts and can no longer make our club meetings. He was willing to maintain WaveGuide Editorship but it is difficult to get the pulse of the membership when not physically present. Kevin will re-assume the WaveGuide publishing for now but if a member would help out and publish the WaveGuide, please volunteer.

N8LJ reports that the Michigan QSO will be April 18, 2015. See details at <http://www.miqp.org/>. Looking through the MIQP results it was noticed that operators from other counties are coming to Lapeer County to participate. As club members, we should try to get on the air during this weekend. Also if one of our members would like to sponsor a club operating event (it's only 12 hours long) at their QTH, perhaps our esteemed trustee would allow the use of the W8LAP callsign. A contest style station is not required. 100 watts and generic antennas will win awards. Please keep this in mind and let the club know your plans to participate.

The packet station at the EOC is functional on 145.090. More details in the WaveGuide.

There is a digital training net every Sunday night at 8 pm. It is on 3.583 Mhz, Olivia 500 mode, modulation upper side band. Open to all operators. FLDigi is one method of generating and receiving an Olivia signal.

The February presentation will be "Security Camera's" presented by Mike KN8Z.

The March presentation will be "Logbook Of The World" presented by Lee N8LJ.

A suggestion was made by Andy to place an add in the Mott Community College Technical News to let those technically inclined, that the Lapeer Radio Club is active in the community. Andy will get information from MCC of available options.

Ed W8NCJ renewed his license and he may be the longest licensed ham in Lapeer County. Congratulations Ed.

This evenings' presentation was the 2014 DXpedition to Tonga and Fiji presented by A35LT/3D2LJ.

50/50 was won by Mike KD8OTZ who graciously donated the winnings to the club treasury. Thank You Mike!

Meeting adjourned 9:15 pm.

Respectfully submitted

Lee  
N8LJ

## Presentation for February club meeting



THE CLUB MEETING PRESENTATION FOR  
FEBRUARY WILL BE BY MIKE, KN8Z ON HIS  
EXPERIENCES WITH SECURITY CAMERAS



## Public Service Event Schedule

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





Skywarn training - 16 April 2015  
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)



**\* 2015 Michigan QSO Party \*  
\* 16z on 4/18/15 to 04z on 4/19/2015 \***

2015 2015 2015 2015 2015 2015 2015 2015 2015

February						
 Sun 	Mon	Tue	Wed	Thu	Fri	Sat
1 -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	2	3 ARES net 146.620+ 100 Hz PL at 8 pm	4	5 ARES net 442.750+ 123 Hz PL at 8 pm	6	7
8 -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	9	10 LCARA club meeting 7:30 pm at the EOC	11	12 ARES net 442.750+ 123 Hz PL at 8 pm	13	14
15 -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	16	17 ARES net 146.620+ 100 Hz PL at 8 pm	18	19 ARES net 442.750+ 123 Hz PL at 8 pm	20	21 -T&C
22 -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	23	24 ARES net 146.620+ 100 Hz PL at 8 pm	25	26 ARES net 442.750+ 123 Hz PL at 8 pm	27	28
Phases of the moon: 3:○ 11:○ 18:● 25:○						
Holidays and Observances: 14: Valentine's Day, 16: Presidents' Day						

March						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
1 -ARPSC @ 3:00 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	2	3 ARES net 146.620+ 100 Hz PL at 8 pm	4	5 ARES net 442.750+ 123 Hz PL at 8 pm	6	7
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Phases of the moon: 5:○ 13:○ 20:● 27:○						

2015 2015 2015 2015 2015 2015 2015 2015 2015

## Packet in Lapeer County

We now have two club packet stations running 24 / 7 in Lapeer County.

### At the repeater site on 145.03 MHz

- MYCALL: W8LAP-2
- PBBS: W8LAP-4
- NODE: LCARA

### At the EOC club meeting site on 145.09 MHz

- MYCALL: W8LAP-1
- PBBS: W8LAP-3
- NODE: EOC44

The 145.03 MHz frequency seems to be the frequency where you will find most local stations. I don't know the reason for this choice but it is the local one.

The 145.09 Mhz frequency is considered the "EMCOM" frequency. It is the same frequency that the Genesee County EOC operates on. Also, the 44 in the node name is the Lapeer County number - I'm guessing it is assigned by the state.

Please feel free to use both the PBBS and NODE functions at either site.

## Hamfest information



HAMFEST/CONVENTION  
**02/07/2015 | HARA Swap and Shop**  
**Location:** Negaunee, MI  
**Type:** ARRL Hamfest  
**Sponsor:** Hiawatha Amateur Radio Association  
**Website:** <http://www.qsl.net/k8lod/>  
[Learn More](#)



HAMFEST/CONVENTION  
**02/15/2015 | Livonia ARC Swap-N-Shop**  
**Location:** Livonia, MI  
**Type:** ARRL Hamfest  
**Sponsor:** Livonia Amateur Radio Club  
**Website:** <http://www.livoniaarc.com/index.php?page=swapshop>  
[Learn More](#)



HAMFEST/CONVENTION  
**02/14/2015 | 42nd Annual Amateur Radio Swap & Shop**  
**Location:** Traverse City, MI  
**Type:** ARRL Hamfest  
**Sponsor:** Cherryland Amateur Radio Club  
**Website:** <http://www.cherrylandarc.com>  
[Learn More](#)



HAMFEST/CONVENTION  
**03/14/2015 | Michigan Crossroads Hamfest and Radio Swap**  
**Location:** Kalamazoo, MI  
**Type:** ARRL Hamfest  
**Sponsor:** Southern Michigan Amateur Radio Society  
**Website:** <http://www.w8df.com/hamfest>  
[Learn More](#)



HAMFEST/CONVENTION  
**05/02/2015 | Cadillac Hamfest**  
**Location:** Cadillac, MI  
**Type:** ARRL Hamfest  
**Sponsor:** Wexaukee Amateur Radio Club  
**Website:** <http://www.wexaukeearc.org/>  
[Learn More](#)



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## Stuff for Sale

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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



## The Lapeer County Amateur Radio Association

"Serving Lapeer County & Surrounding Communities in Michigan"



### LCARA Menu

**Club Info**  
**Join LCARA**  
**The Waveguide**  
**Photo Gallery**  
**Member List**

**Sky Warn**

**Ham links**  
**ARRL Michigan Division**  
**ARRL Great Lakes Division**  
**Lapeer County Emergency Management**

### News and Events

**LCARA Calendar for 2015**  
**Club Meeting Extras**  
**PRESENTATION NEWS**

### W8LAP Repeater System

**146.620 - 100Hz PL**  
**442.750 + 123Hz PL**  
**145.030 W8LAP - 4 BBS**

Here is a snapshot of the LCARA webpage as discussed at the January meeting. The new link to the monthly presentation announcement is circled above.



## Lapeer County ARES Net Preamble

Calling all amateurs to the **Tuesday / Thursday** Lapeer County ARES net (unkey and pause).

Good evening and welcome to the **Tuesday / Thursday** Lapeer County ARES net. This net meets every **Tuesday / Thursday** night at 8:00 pm local time on the W8LAP repeater, located 3 miles east of Lapeer, Michigan. This repeater is owned and operated by the Lapeer County Amateur Radio Association and the repeater trustee is Mike Zedan, KN8Z. The repeater is accessible with a 100 Hz tone.

The purposes of this net are to promote good fellowship among amateur radio operators and to provide training for ARES net activations. Questions are always welcome. This is a directed net and all licensed amateurs are invited and encouraged to participate.

My name is XX, call sign XX and I will be your net control operator for this session. We will now begin with a series of standbys. When checking into the net, please give your call sign and name clearly.

- At this time are there any **emergency** or **priority** check-ins for the net? If so, please call now.
- Any **mobile** or **portable** stations wishing to check into the net, please call now.
- Any stations with **announcements** for the net, please call now.
- **General** check-ins for the net, please call now.

*Note that the above order is listed in the priority that the stations should be recognized by net control.*

Net control recognizes **(list all call signs that checked into the net)**.

*Now begin the rotation of checked in stations.*

*Every 10 minutes take a standby for additional check-ins and ID yourself.*

*After the last round is completed:*

Are there any new check-ins for the net?

*If nothing is heard:*

Is there any further business or re-checks for the net?

*If nothing is heard:*

Hearing nothing, this will now conclude the net for date. The net is now closed at time PM after XX minutes. We had XX check-ins and XX re-checks. I would like to thank everyone for their participation and wish everyone a good evening. I will now return the repeater to normal amateur use.

73, this is call sign.

*Announcement*

Livonia  
Amateur Radio Club

Talk-in  
145.35 with 100 PL  
or 146.52 Simplex

44th

GREAT  
VENDOR  
ACCESS

ANNUAL

SWAP-N-SHOP

Buy and Sell Amateur Radio  
Gear, Computers, or  
Electronic Test Equipment



Civic Park Senior Center  
15218 Farmington Rd.  
Livonia, MI

(SE corner of Farmington  
Rd. and 5 Mile Rd.)

Livonia ARC  
P.O. Box 51532  
Livonia, MI 48151-0532  
[www.livoniaarc.com](http://www.livoniaarc.com)

Call (734) 941-5043

or e-mail us at [k8uns@arrl.net](mailto:k8uns@arrl.net)

Sunday, February 15, 2015 8:00am - 12:00pm



\*Lots of Tables  
(8' tables for \$16 each  
if paid in advance or  
\$20.00 if available and  
paid at the door)

\*Door Prizes  
\*Food Concession  
\*Tickets \$5.00

## Announcement

# THE WOODEN HAM

I'd like to introduce myself to the club members, my name is Ray Keefe K2RJK, QTH is Jackson, NJ.

For many years, I've been a "wood butcher". I don't consider myself a craftsman, at least not a craftsman in the caliber of Norm Abram, from the New Yankee Workshop. He makes great pieces and I'm great at making great piles of sawdust and a general mess, (just ask my XYL).

For many years now, I have offered these items at local hamfest's here in the New Jersey / Pennsylvania area where they have been very popular.

I recently opened a shop on ETSY.COM, a website devoted to hand made items, <http://www.etsy.com/shop/TheWoodenHam> where I offer my custom made items, geared to the ham radio operator and the ham shack. The customer has several ways to pay at Etsy Checkout. Either with Credit Card or from an Etsy Account or Paypal.

Many times the XYL's or YL's are not hams and don't know what to get their hubby or significant other, for their birthday, anniversary, or special holiday.

Problem solved, get him a desk call sign on it or clock with his call sign in it. Each one is truly one of a kind and custom hand crafted for them.

Sometimes both are hams then it's easy again his and her's desk call signs or clocks with their respective call sign on them.

If anyone has any questions please don't hesitate to contact me. Please feel free to share this email to your club members as appropriate.

TNX  
73  
Ray  
K2RJK



## 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: Flo Haack KC8CAB, 810-793-2606

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



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