

# Waveguide

**W8LAP / r**

146.620 - 100 Hz

442.750 + 123 Hz

**Lapeer County Amateur Radio Association**

Club Founder: Hollis Hayes W8ACD

Edition for **October 2015**

***\*\* The next regular club meeting will be held on Tuesday,  
October 13th, 2015 @ 7:30 pm at the 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*

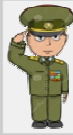

## **Newsletter**

*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>

2015 2015 2015 2015 2015 2015 2015 2015 2015

October						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1 ARES net 442.750+ 123 Hz PL at 8 pm	2	3 
4 -ARPSC @ 5:00 pm on 3.932 LSB -D3 net 145.31+ 131.8 Hz PL at 6:30 pm -D3 digital training net 3.583 USB 8:00 pm	5	6 ARES net 146.620+ 100 Hz PL at 8 pm	7	8 ARES net 442.750+ 123 Hz PL at 8 pm	9	10
11 -ARPSC @ 5:00 pm on 3.932 LSB -D3 net 145.31+ 131.8 Hz PL at 6:30 pm -D3 digital training net 3.583 USB 8:00 pm	12	\$ 13 \$ LCARA club meeting 7:30 pm at the EOC	14	15 ARES net 442.750+ 123 Hz PL at 8 pm	16	17 -T&C
18 -ARPSC @ 5:00 pm on 3.932 LSB -D3 net 145.31+ 131.8 Hz PL at 6:30 pm -D3 digital training net 3.583 USB 8:00 pm	19	20 ARES net 146.620+ 100 Hz PL at 8 pm	21	22 ARES net 442.750+ 123 Hz PL at 8 pm	23	24 D3 SET
USECA SWAP -ARPSC @ 5:00 pm on 3.932 LSB -D3 net 145.31+ 131.8 Hz PL at 6:30 pm -D3 digital training net 3.583 USB 8:00 pm	26	27 ARES net 146.620+ 100 Hz PL at 8 pm	28	29 ARES net 442.750+ 123 Hz PL at 8 pm	30	31 
Phases of the moon: 4: 12: 20: 27:						
Holidays and Observances: 12: Columbus Day (Most regions), 31: Halloween						

November						
Sun DST	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 digital training net 3.583 USB 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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29 -ARPSC @ 5:00 pm on 3.932 LSB -D3 net 145.31+ 131.8 Hz PL at 6:30 pm -D3 digital training net 3.583 USB 8:00 pm	30					
Phases of the moon: 3: 11: 19: 25:						
Holidays and Observances: 11: Veterans Day, 26: Thanksgiving Day						

2015 2015 2015 2015 2015 2015 2015 2015 2015

## Upcoming events

### Presentation for October



*The club presentation for October will be on Fox Hunting by KD8VP with technical assistance from KB8YGA.*

### Presentation for November



*The club presentation for November will be on one aspect of EmComm preparedness by KB8TAR.*

Genesee County Radio Club  
New Repeater



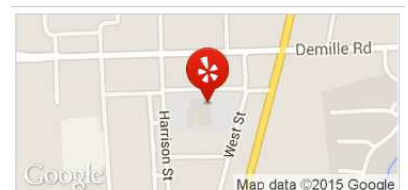
*Thank you to Jeff W8ACW and Amy WA8MY for September's presentation on Yaesu's Fusion repeater system.*

*The presentation is now available on [www.W8LAP.com](http://www.W8LAP.com) for downloading.*



### LCARA Christmas Dinner

*The club Christmas dinner will be held at Ted's Sports Pub in Lapeer at 6:00 pm on Tuesday, Dec 8<sup>th</sup>, 2015.*



770 West St  
Lapeer, MI 48446

## *Editorial Section*

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### The President Says:

Hello all LCARA members.

Whatever happened this edition of the Waveguide grew to a larger size than normal. So I hope you find a lot of reading enjoyment on the following pages.

As discussed at the last club meeting I checked on the availability of Ted's sports pub for our Christmas dinner. Ted's was available on December 8<sup>th</sup> and the room is now reserved for us starting at 6:00 pm. Last year's dinner was well attended and I hope to see everybody there this year.

I was able to participate in the Michigan State SET on 26 September. 2 messages were sent to the SEOC using FLDIGI and one piece of traffic was received from Ogemaw County via DSTAR on REF024A. There is a District 3 SET coming up at the end of October. I would like to have some participation from others in Lapeer County and I will be working on setting this up in the near future.

See you all at the meeting. Oh yea, we need a Waveguide editor to offer their services.  
Kevin KB8TAR

### The Treasurer Says:

Greetings to one and all.

This has been a very busy month for me and no I still haven't gotten my tri-bander up in the air yet. That said I will tell you that we will proceed to the new year in good shape. This past Labor Day Operation Care was the best one we have had in two years. We had about a fifty percent increase over other recent Op-Care's.

Thanks to Gerret Peters and David Erskine, we will be changing the hosting of our W8LAP.COM web site. These two fine gentlemen have found a way to do it for free, versus the near \$100 we have paid for the last twenty or so years. HooRah for them. The process is not complete, but I am going to trust that it will be before I have to pay the fee on the beginning of October. This is just another step in the continuing climb to reduce the cost of running the Club.

This brings me to the point where I tell you that this is the end of our fiscal year. October starts our new year and dues are due. Op-Care has always paid the bulk of our costs, but we still need the dues so be aware.

Ok I think that is it, I have a feeling I forgot something, but don't know what it is, so I am going to end now. I wish everyone a wonderful fall season. Get those new antenna up in the air. (myself included).

Respectfully submitted.  
William Miller KD8VP Treasurer

## *Editorial Section*

### The Trustee Says:

Hello W8LAP Supporters:

There were no technical issues with the repeater this month, or any matters concerning use of the W8LAP club call.

The changes to the repeater power controls, noted last month, are holding up well.

### This month's Links:

#### *Accurate, Stable Frequencies - Part 2*

Last month's links introduced a project, begun by George (N2APB) and Joe (N2CX), who produce the Chat With The Designers (CWTD) live and recorded podcasts. This project is being presented over three podcasts, with plenty of background at CWTD dot com ([cwtd.org](http://cwtd.org))

This series is not just to show how to make a stable frequency source or standard. George and Joe developed some circuit boards that, used with some inexpensive commercial modules, lead one through three stages: 1) a relatively unstable Voltage Controlled Crystal Oscillator (VCXO), 2) upgrading to oven control, and 3) finishing with a very stable frequency source, phase-locked to Geosynchronous Positioning Satellites (GPS). An overview of the project is [here](#).

If one wanted just a very stable frequency source, there is plenty of material on the web for guidance. The CWTD approach is to lead a beginner through the various types of control; voltage, temperature, and phase lock. By building each circuit, testing it, and observing its characteristics, a hobbyist can gain valuable insight in electronic circuits. The CWTD circuits and ancillary commercial modules are:

The basic [VCXO](#)

A very inexpensive frequency counter - [COUNTER](#)

An oven control circuit - [OVEN CONTROL](#)

An inexpensive GPS module - [MODULE](#)

The CWTD site has several pages of background for this project. Just take your time, and the structure will take hold. Listening to the associated podcasts will also help.

As mentioned in past issues of the Waveguide, my links are sometimes mangled in the conversion from Microsoft Word to that of the Waveguide. If you need help with these, feel free to write me at the below address. Use "Waveguide Links" in your subject line.

See you at the next meeting,

Mike, KN8Z (kn8z at arrl.net)



## *Editorial Section*

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### **Lapeer County Amateur Radio Association Meeting Minutes Sep. 8, 2015**

The meeting was brought to order at 7:30 pm. There were 13 members and guests in attendance. A special welcome to our guests, Gerret KD8YUK and Daniel Peters (studying), and also to Stephen Stahl KE8BGK.

Our program for the evening was "The Implementation of the Yaesu Fusion Digital Repeater" presented by Jeff Pender K8KZB President of the Genesee Radio Club. He described the advantages of digital FM and some of the challenges involved in the installation of the new Fusion repeater.

Dick KC8VHA demonstrated his 3 element 2 meter handheld beam. It utilized tape measure elements and a handle for use in direction finding.

September is nomination and election month. Nominated for the club positions were:

President: Kevin KB8TAR  
Vice President: Gerret KD8YUK  
Secretary: Lee N8LJ  
Treasurer: Bill KD8VP

The members present unanimously approved the above slate to be the club officers for the 2015/2016 year.

After the elections, appointment positions were announced and accepted.

Club Call-sign Trustee: Mike KN8Z  
Repeater Team: Mike KN8Z, Will KB8YGA, Lee N8LJ  
Waveguide Editor: **OPEN**

Kevin in his extended role of club president will no longer be the editor of the Waveguide. At the October meeting, the club will again seek a Waveguide editor. Octobers' Waveguide will be the last one edited by Kevin.

Membership dues are due next month. The dues are \$12 per individual member, \$20 for a family. Please submit your payment to Bill KD8VP.

The program for the October meeting will be Fox Hunting presented by Bill KD8VP.

## *Editorial Section*

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The Christmas dinner will be December 8<sup>th</sup> in lieu of our normal meeting. It will most likely be held at Ted's Pub or Leo's based upon room availability. Kevin will let us know more next month. This is a family affair so don't forget to invite your significant other. As last year, you order off the menu and pay your own bill.

One member question was brought up "Who has the authority to call the Weather Net"? Kevin explained that the authority comes from the county Emergency Manager. In Lapeer County's case, this authority was delegated to Tom KD8EBY our Emergency Coordinator. While anyone can be a net control, only Tom can authorize an official "Weather Net".

Another member's question "Will we fill the position of testing coordinator"? We will not pursue an appointment at this time. There are many test sessions within reasonable distance. The Waveguide publishes local test sessions as gathered from the ARRL Website.

Bill KD8VP brought up his issues with payments to the provider host of the W8LAP website. Gerret KD8YUK does websites and has access to hosts for our site.

The 50/50 was won by Mike KN8Z. Meeting adjourned 9:07 pm.

Respectfully submitted....

Lee  
N8LJ

## ***DXpedition announcement***



***Three operators from Michigan will activate Montserrat (VP2M) from Gingerbread Hill***

*Dates: October 1 through October 8*

*Operators: Stan, AC8W; Jim, KB8TXZ; Lee, N8LJ*

*VP2M call signs: (AC8W) VP2MAC; (KB8TXZ) VP2MXT (N8LJ) VP2MLJ*

*Rigs: Elecraft K-2, Elecraft K-3S, Ten-Tec Eagle*

*Power: 100w*

*Antennas: Tri-band beam, multiband vertical, dipoles, 6m beam*

*Bands: 160m-6m*

*Modes: CW, SSB, RTTY*

*QSL via: K8ESQ*

*Distance: 2200 miles*

*Azimuth: 330 degrees*





## ***Event announcement***

Birch Run Expo Center – Birch Run, MI – October 17, 2015



### **When and Where**

#### **Birch Run, MI**

Saturday, October 17, 2015

9:00AM - 5:00PM

Birch Run Expo Center,  
11600 N Beyer Rd, Birch Run, MI  
48415

**Great Lakes Emergency Preparedness Expo attendees can expect to find information, products, and services from a large selection of exhibitors with expertise in some of these areas:**

- Food storage and preservation
- Hunting and survival gear
- Emergency services and disaster response
- Camping and outdoor equipment
- First aid and natural healing
- HAM radio and communication lines
- Solar panels and other solar power options
- Survival techniques and training
- Data backup and recovery
- Emergency preparedness planning
- Government programs
- Water filtration systems
- Generators and backup energy sources
- Alternative energy methods and educational programs
- Business consulting
- New green environmental programs & technologies
- Natural disaster preparedness: floods, wildfires, severe storms
- Raising self-reliant children (and grandchildren)
- ...and much more!

## Event announcements



### Get Your Ham Radio Technician's License

**Start Date:** 10/05/2015   **Days:** M   **Time:** 6:30 PM to 8:00 PM

**Sessions:** 6   **Age:** Adults only

**Location:** Davison Alternative Education - Room 106

**Class #:** 5041   **Section:** F15   **Catalog:** Fall 2015

Ground Search & Rescue Operations Course (SARO)

Presented by: Kent County Search and Rescue  
[www.kentcountysar.org](http://www.kentcountysar.org)

Topics Include: • Night Search Techniques • Search Equipment  
• Search Techniques

Course Meets or Exceeds NFPA & NIMS requirements for Wilderness SAR

Prerequisites Should also have understanding of Incident Command System  
(FEMA IS-100 & IS-200 or equivalent)

Dates & Times

October 24th 08:00 – 13:00

Search and Rescue Operations Lecture\*\* October 24th 13:00 – 22:00

Search and Rescue Operations Field Training

Cost \$40.00

Registration <https://2015saro.eventbrite.com>

Lecture Location Kent County Sheriffs Department EOC Room  
[701 Ball Ave NE, Grand Rapids, MI 49503](https://www.google.com/maps/place/701+Ball+Ave+NE,+Grand+Rapids,+MI+49503)

Field Locations The field training locations will be announced by  
e-mail prior to the class starting.

Equipment List and Questions answered @ [Kentcountysar.org](http://Kentcountysar.org) under  
training classes

Policies: <http://www.kcest.org/classes/class-policies>



## *Labor Day Op CARE 2015*



## Swap information



HAMFEST/CONVENTION

**10/03/2015 | GRAHamfest**

**Location:** Wyoming, MI

**Type:** ARRL Hamfest

**Sponsor:** Grand Rapids Amateur Radio Association

**Website:** <http://www.w8dc.org>

[Learn More](#)



HAMFEST/CONVENTION

**10/10/2015 | TBARC Swapmeet**

**Location:** Alpena, MI

**Type:** ARRL Hamfest

**Sponsor:** Thunder Bay Amateur Radio Club

**Website:** <http://ThunderBayARC.org>

[Learn More](#)



HAMFEST/CONVENTION

**10/17/2015 | Muskegon Color Tour Hamfest**

**Location:** Muskegon, MI

**Type:** ARRL Hamfest

**Sponsor:** Muskegon County Emergency Communication Services, Inc.

**Website:** <http://muskegoncolortourhamfest.com/>

[Learn More](#)



HAMFEST/CONVENTION

**10/18/2015 | Kalamazoo HamFest 2015**

**Location:** Kalamazoo, MI

**Type:** ARRL Hamfest

**Sponsor:** Kalamazoo Amateur Radio Club & Southwest Michigan Amateur Radio Team

**Website:** <http://KalamazooHamFest.com>

[Learn More](#)



HAMFEST/CONVENTION

**10/25/2015 | USECA's 2015 Swap & Shop**

**Location:** Madison Heights, MI

**Type:** ARRL Hamfest

**Sponsor:** Utica Shelby Emergency Communication Association

**Website:** <http://usecaarc.com>

[Learn More](#)



# Testing session information

## EXAM SESSION

**10/01/2015 | Lansing MI 48911-5322**

**Sponsor:** Ingham County VE Group

**Location:** Lansing Fire Station #44 (Community Room)

**Time:** 7:00 PM (Walk-ins allowed)

[Learn More](#)

## EXAM SESSION

**10/03/2015 | Muskegon MI 49440-1225**

**Sponsor:** Muskegon Area ARC

**Location:** Red Cross Building

**Time:** 9:00 AM (No walk-ins)

[Learn More](#)

## EXAM SESSION

**10/06/2015 | Oak Park MI 48237-2085**

**Sponsor:** Hazel Park ARC

**Location:** Oak Park Community Center

**Time:** 7:00 PM (Walk-ins allowed)

[Learn More](#)

## EXAM SESSION

**10/10/2015 | Ann Arbor MI 48108-1516**

**Sponsor:** ARROW Communications Assoc.

**Location:** American Red Cross Building

**Time:** 9:00 AM (Walk-ins allowed)

[Learn More](#)

## EXAM SESSION

**10/10/2015 | Charlotte MI 48813-1031**

**Sponsor:** Eaton County ARC

**Location:** Eaton Cty Sheriff's Dept-EOC

**Time:** 12:00 PM (Walk-ins allowed)

[Learn More](#)

## EXAM SESSION

**10/10/2015 | Holland MI 49423-3407**

**Sponsor:** Holland ARC

**Location:** American Red Cross

**Time:** 6:00 PM (Walk-ins allowed)

[Learn More](#)

## EXAM SESSION

**10/10/2015 | Port Huron MI 48060-4014**

**Sponsor:** Eastern Michigan ARC

**Location:** St Clair County Library

**Time:** 10:00 AM (No walk-ins)

[Learn More](#)

## EXAM SESSION

**10/17/2015 | Flint MI 48507**

**Sponsor:** The KT8Q & W8ACW VE Teams

**Location:** Baker College of Flint-Tech Center

**Time:** 9:30 AM (Walk-ins allowed)

[Learn More](#)

## EXAM SESSION

**10/17/2015 | Ionia MI 48846-8512**

**Sponsor:** ICARPSC

**Location:** Ionia Central Dispatch

**Time:** 6:00 PM (No walk-ins)

[Learn More](#)

## EXAM SESSION

**10/17/2015 | Jackson MI 49204-9999**

**Sponsor:** Cascades ARS

**Location:** Jackson District Library

**Time:** 10:00 AM (Walk-ins allowed)

[Learn More](#)

## EXAM SESSION

**10/21/2015 | Prescott MI 48756-9108**

**Sponsor:**

**Location:** Mills Township Hall

**Time:** 7:00 PM (Walk-ins allowed)

[Learn More](#)

## EXAM SESSION

**10/22/2015 | Battle Creek MI 49017-4867**

**Sponsor:** SMARS

**Location:** Maple United Methodist Church

**Time:** 7:00 PM (Walk-ins allowed)

[Learn More](#)

## EXAM SESSION

**10/22/2015 | Owosso MI 48867-9999**

**Sponsor:** Corunna VE Team

**Location:** Baker College Welcome Center

**Time:** 7:00 PM (Walk-ins allowed)

[Learn More](#)

## EXAM SESSION

**10/24/2015 | South Lyon MI 48178**

**Sponsor:** South Lyon Area ARC

**Location:** Witch's Hat Depot

**Time:** 9:00 AM (Walk-ins allowed)

[Learn More](#)



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## Stuff for Sale

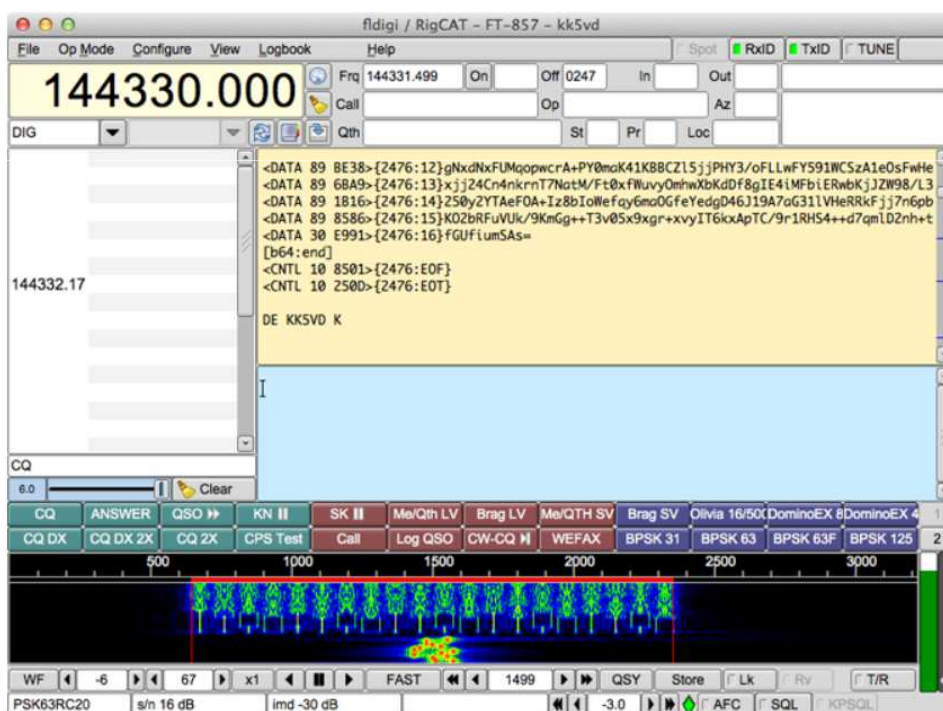
\$\$\$

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 **District 3 digital training net** will be starting up again on October 4<sup>th</sup>. The time is 8:00 pm on 3.583 USB and the mode is Olivia 8/500.

This is a great way to expand your Fldigi experience in a friendly and no pressure environment.



### Amateur Radio Parity Act of 2015

If you've ever attempted to erect an antenna in a subdivision, you may have discovered that homeowners' associations (HOAs) aren't always a ham's best friend. According to findings presented to Congress this year, the explosion in private land usage restrictions is having an increasingly negative impact on the amateur radio service.

An HOA is often focused on protecting the "aesthetics" of a neighborhood, rather than allowing amateur radio operators the ability to erect the antennas so critical to the service. Stories abound of hams building antennas in the attic, or camouflaging them as vent pipes. That works to a degree, but there's no doubt it impedes (pun intended) your ability to get on the air.

In March, Representative Adam Kinzinger (R-IL) introduced HR 1301 "The Amateur Radio Parity Act of 2015" to the House of Representatives. In June, Senator Roger Wicker (R-MS) introduced S 1685 to the Senate. Both seek the same end – to provide the same accommodations within private land use that hams receive today under FCC regulation 97.15(b).

The core of the legislation is below, and is nearly identical for both bills:

#### SEC. 3. ACCOMMODATION OF AMATEUR SERVICE COMMUNICATIONS.

Not later than 120 days after the date of the enactment of this Act, the Federal Communications Commission shall amend section 97.15(b) of title 47, Code of Federal Regulations, so that such section prohibits application to amateur service communications of any private land use restriction, including a restrictive covenant, that—

- (1) precludes such communications;
- (2) fails to reasonably accommodate such communications; or
- (3) does not constitute the minimum practicable restriction on such communications to accomplish the legitimate purpose of the private entity seeking to enforce such restriction.

Beyond the direct impact to existing amateur radio operators, the proposed legislation cites several other implications. One example is the benefits of amateur radio as a "fertile ground for technical self-training in modern telecommunications, electronics technology, and emergency communications techniques and protocols."

### **So, what can you do?**

ARRL members are urged to contact their members of both the House and Senate, and ask them to sign the bill as a co-sponsor.

For Lapeer County, our representatives are:

Rep. Candice Miller 320 Cannon HOB Washington, DC 20515 Phone: 202.225.2106	
Sen. Debbie Stabenow 133 Hart Senate Office Bldg Washington, DC 20510 Phone: 202.224.4822	Sen. Gary Peters SRC-2 Russell Senate Office Bldg Washington, DC 20510 Phone: 202.224.6221

1. Print and sign the letters – there are different ones for the House and the Senate.
  - a. Make sure each letter is individually addressed to the representative.
  - b. [Click here for a sample letter to our representative.](#)
  - c. [Click here for a sample letter to our senators.](#)
2. Mail the letters to ARRL, so they can drop a whole stack on the legislator's desk, as it makes more of an impact.
  - a. ARRL  
attn.: HR 1301 Grassroots campaign (or S 1685 Grassroots campaign)  
225 Main St.  
Newington, CT 06111
3. Or, scan and email the PDF to the ARRL at [reginfo@arrl.org](mailto:reginfo@arrl.org), with the subject "HR 1301 Grassroot Letter" or "S 1685 Grassroot Letter" respectively.

*You can find the form letters mentioned above on this page.....*

<http://www.arrl.org/amateur-radio-parity-act>



## On line training



*I had the opportunity to take Transcaer training a few years ago that had us climbing onto full sized rail cars. Transcaer offers excellent & free training. The training mentioned below is on-line and should prove very interesting. KB8TAR*

### ANHYDROUS AMMONIA Online Training

TRANSCAER® has created a high-quality training program that will help prevent and or mitigate such an incident for emergency responders in communities where anhydrous ammonia is manufactured, stored, shipped, transported, or used in high volume quantities. All the materials were developed by our team of seasoned experts from across various industries.



### CHLORINE Online Training

Welcome to the Chlorine Safety Training Tour online resource. Take your time going through our highly effective online Chlorine Safety Training. All training materials were created by our TRANSCAER® National Sponsors at The Chlorine Institute.

If you would like to order a FREE copy of these training presentations, please [click here](#).



<http://www.transcaer.com/>

## Extra item

### Mobile App

## Michigan Prepares Emergency Plan App

The Michigan Prepares Emergency Plan app is a free, easy-to-use tool that can help you and your family create a basic emergency plan in a few quick steps.



### FEATURES

#### Contacts

We rely on our phones for a lot, but emergencies are unpredictable. Import valuable contacts from your phone directly into a plan so you and your family have access to those numbers, even if the power goes out, or your phone is lost or damaged.

#### Meeting Places

Select emergency family meeting places so everyone knows how to find each other if returning home isn't an option during a disaster.

#### Email Export

Send a PDF of your completed plan to yourself and your household members to print and store in a safe place so you have access to your important information no matter what happens.

#### Resources

Basic supply checklists, Michigan-specific hazard fact sheets, and important links to stay connected and informed are included in the app and printable plan.





## Extra item



**Text your zip  
code to 888777**

# Receive up-to-date information affecting your neighborhood

## To Register

- ▶ Go to **www.nixle.com**
- ▶ Click **"Sign Up"**
- ▶ Sign in through Facebook or create an account
- ▶ Enter an email address and cell phone number where you would like to receive messages and make a selection for voice messages
- ▶ Click **"I Accept. Sign me up!"**
- ▶ Enter your home address to receive local messages
- ▶ Share Nixle with your family and friends



## To Customize

- ▶ Log in at **www.nixle.com**
- ▶ Click **"Locations"** tab
- ▶ Click **"Add New Location"** to add addresses in your town or around the country. Do your relatives live out of the area? Keep track of what's happening near your loved ones and the places you work, live, or visit.
- ▶ Click **"Settings"** tab
- ▶ Select a location from the left-hand menu and subscribe to receive messages from each agency by checking the "Subscribe" option. Adjust which messages by priority level are sent to your email and/or cell phone. **Please note: you must opt-in to receive messages from non-public safety agencies.**

Need assistance? Send an email to [support@nixle.com](mailto:support@nixle.com)

## 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: Gerrett Peters KD8YUK, 248-921-5398  
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  
County EC: Tom Oliver KD8EBY  
County AEC: Kevin Boxey KB8TAR  
County AEC: Joe Medved KD8CIL

