

# Waveguide

**W8LAP / r**

146.620 - 100 Hz

442.750 + 123 Hz

**Lapeer County Amateur Radio Association**

Club Founder: Hollis Hayes W8ACD

Edition for **April 2013**

***\*\*The next regular club meeting will be held on  
Tuesday, April 9th, 2013 @ 7:30 pm\*\****

### 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 everyone. I am looking forward to the 40 degree weather that the WX man says is coming in the next week just before Easter. Currently the fingers are working hard here in the cold basement.

We had our second NTS training this past Saturday and I thought it went well. There were 6 of us in attendance and 2 working packet stations that we played with. In the future I plan on having over the air packet nets for practice along with passing some practice NTS messages. I am thinking we will be trying the first of these over the air packet nets this month so please get your packet setups ready and join in.

Also in April is the LDS preparedness fair on April 27<sup>th</sup>. The club will have a display and station setup again this year so please stop in and represent our club and amateur radio in general to the folks in attendance. See you at the meeting.

Kevin KB8TAR

### **The Treasurer Says:**

Hello to everyone, I am doing this report on March 20, 2013. As I look out the window, I am thinking that it is supposed to be magically Spring out there. Not so, it was 18 degrees and there is snow on the ground. Looks like we might have a short Summer or an early Winter.

That said now you know why I am the Treasurer and not the local weather forecaster. HI HI. In all seriousness though, this past month has been our busiest for out flow of funds. Both the Liability and Property insurance were paid. Turns out that the Liability insurance was quite a bit higher than normal, so when I questioned it with the carrier, it was explained that they carried over the rider for the use of the Lapeer School for last years swap and shop. That was supposed to be a one time rider so I asked that it be removed. The problem was, time was short, so I had to pay the full amount, with a promise that the excess would be refunded.

After it is all done we will have paid an amount near \$350.00 just for insurance to run the club. Yes there is a cost to having a club. That said, remember to pay your dues, help out with Operation Care and the swap and shop and participate in your Club.

Respectfully, William Miller KD8VP Treasurer

### **The Secretary Says:**

The meeting was called to order at 7:30 with the Pledge of Allegiance to the Flag and introduction of members and guest. Joe, KD8CIL has the flu. The minutes was read by Flo, KC8CAB. The minutes was accepted by Tom, KD8EOA and seconded by Dan, KC1BUD. The treasurers report was given by Bill, KD8VP. The report was accepted by Tom, KD8EOA and seconded by Dan, KC1BUD. The 2 meter and the 440 is working. The Civil Air Patrol may help out on Operation Care. Kevin, KB8TAR will contact them and let us know. Sky warn classes are in the waveguide. A class on NTS format will be March 23. Kevin, KB8TAR is working on the stand for 911. Break was from 8:03 till 8:16. New Business: Tom, KD8EOA's daughter is redoing the W8LAP web site. It is 95% done. 50/50 was won by Dick, KC8VHA. A motion was made by Bill, KD8VP and seconded by Tom, KD8EOA and Dan, KC1BUD to close the meeting at 8:30.

Flo KC8CAB

2013 2013 2013 2013 2013 2013 2013 2013 2013

April						
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 test 1:00 pm
7 -ARPSC @ 5:00 pm on 3.932 -D3 net 145.31+ 131.8 Hz PL at 6:30 pm	8	9 LCARA club meeting 7:30 pm	10	11 ARES net 442.750+ 123 Hz PL at 8 pm	12	13
14 -ARPSC @ 5:00 pm on 3.932 -D3 net 145.31+ 131.8 Hz PL at 6:30 pm	15	16 ARES net 146.620+ 100 Hz PL at 8 pm	17	18 ARES net 442.750+ 123 Hz PL at 8 pm	19	20 <b>MI GSO PARTY</b> -T&C -GCRG license test Baker College, rm S-103 9:30 am - NTS message training 8-12 noon at EOC
21 -ARPSC @ 5:00 pm on 3.932 -D3 net 145.31+ 131.8 Hz PL at 6:30 pm	22	23 ARES net 146.620+ 100 Hz PL at 8 pm	24	25 ARES net 442.750+ 123 Hz PL at 8 pm	26	27 LDS Preparedness Fair - Lapeer
28 -ARPSC @ 5:00 pm on 3.932 -D3 net 145.31+ 131.8 Hz PL at 6:30 pm	29	30 ARES net 146.620+ 100 Hz PL at 8 pm				
Phases of the moon: 3:☉ 10:● 18:☾ 25:☽						

May						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2	3	4 LTZ test 1:00 pm SWAP - Cadillac
5 -ARPSC @ 5:00 pm on 3.932 -D3 net 145.31+ 131.8 Hz PL at 6:30 pm	6	7 ARES net 146.620+ 100 Hz PL at 8 pm	8	9 ARES net 442.750+ 123 Hz PL at 8 pm	10	11
12 -ARPSC @ 5:00 pm on 3.932 -D3 net 145.31+ 131.8 Hz PL at 6:30 pm	13	14 LCARA club meeting 7:30 pm	15	16 ARES net 442.750+ 123 Hz PL at 8 pm	17	18 -T&C -GCRG license test Baker College, rm S-103 9:30 am
19 -ARPSC @ 5:00 pm on 3.932 -D3 net 145.31+ 131.8 Hz PL at 6:30 pm	20	21 ARES net 146.620+ 100 Hz PL at 8 pm	22	23 ARES net 442.750+ 123 Hz PL at 8 pm	24	25
26 -ARPSC @ 5:00 pm on 3.932 -D3 net 145.31+ 131.8 Hz PL at 6:30 pm	27	28 ARES net 146.620+ 100 Hz PL at 8 pm	29	30 ARES net 442.750+ 123 Hz PL at 8 pm	31 	
Phases of the moon: 2:☽ 9:● 18:☾ 25:☽ 31:☽						
Holidays and Observances: 12: Mother's Day, 27: Memorial Day						

2013 2013 2013 2013 2013 2013 2013 2013 2013

## *Announcements*

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### **Herbert Palmer KB8NLE "SK"**

Herb was a long time member of LCARA, many of you may not recognize the name, but you should be able to remember the very quiet white haired gentleman that came to our meetings.

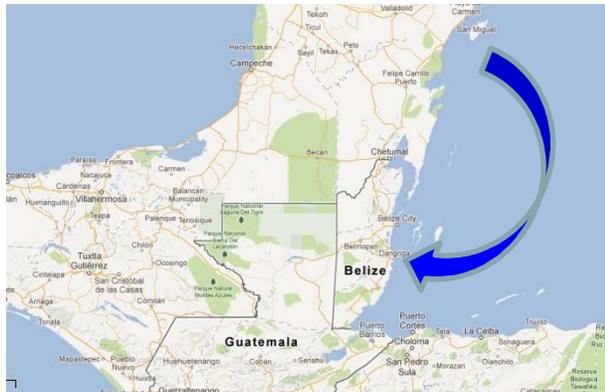
I knew Herb for probably 20 years, he started coming to the meetings with, and as a friend of, Hans Jen W8HFM "SK". The two were always seen together. Even after Hans passed away Herb continued to come as long as he could drive and was in the area. But alas, as time takes its toll, I lost track of Herb.

I once asked his neighbor where he might be and they only knew that he had been ill and was staying with his son somewhere. That was couple of years ago and I was sorry to hear and see his listing. So into the ether a soulful 73, Herb.

Respectfully, Bill KD8VP

## *N8LJ DXpedition presentation*

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Lee will be giving a presentation at the April club meeting on his recent DXpedition to Belize.

Lee always puts on an excellent and interesting presentation for those of us that cannot travel for amateur radio.

Don't miss it !



## *New LCARA Website*

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Tiffany, the daughter of Tom and Sandy Adams is working on a new LCARA website for us as part of a school project. Please take a look at the site listed below and bring your comments to the next meeting for anything you would like to have changed.  
Thank you.

[https://crux.baker.edu/~tadams26/Web111b/Radio\\_website/index.html](https://crux.baker.edu/~tadams26/Web111b/Radio_website/index.html)

## Skywarn Items

Below is a list of Skywarn training outside of our county. Please verify the dates and times before deciding to attend one as there may be errors.



April 3	Macomb ISD - 44001 Garfield, <b>Clinton Township</b> , MI 48036	7 PM
April 6	Pioneer High School – 601 W. Stadium Blvd, <b>Ann Arbor</b> , MI 48103	10 AM
April 8	St. Clair County Building - 200 Grand River Ave., <b>Port Huron</b> , MI 48060	7 PM
April 9	Firebird Theater - 280 E Sanilac Road, <b>Sandusky</b> , MI 48471	7 PM
April 11	Red Cross - 228 Washington Avenue, <b>Bay City</b> , MI 99998	7 PM
April 16	Macomb ISD - 44001 Garfield, <b>Clinton Township</b> , MI 4803	7 PM
April 18	Livonia Library - 32777 Five Mile Road, <b>Livonia</b> , MI 4815	7 PM
April 20	Oakland County Executive Office Building - 2100 Pontiac Lake Road, <b>Waterford</b> , MI 48328	10 AM
April 20	Oakland County Executive Office Building - 2100 Pontiac Lake Road, <b>Waterford</b> , MI 48328	1 PM
April 20	Macomb ISD - 44001 Garfield, <b>Clinton Township</b> , MI 48036 No NWS Presenter; Macomb County is presenting	10 AM
April 22	Cabelas – 110 Cabelas Blvd E, <b>Dundee</b> , MI 48131	6 PM
April 23	Rochester Fire Department 1 - 1111 Horizon Ct, <b>Rochester</b> , MI 48309	7 PM
April 25	<b>Tuscola County</b> – Location TBA	7 PM
May 3	Westfield Center - 2700 Westfield, <b>Trenton</b>	7 PM
May 4	Detroit Public Library Main Branch – 5201 Woodward Ave. <b>Detroit</b> MI 48202	2 PM

## 2013 LAPEER COUNTY TORNADO SIREN TEST SCHEDULE

If your community does not have a siren, or you cannot hear a siren, you may want to purchase a NOAA All Hazard Weather Radio.



If your community has a tornado siren, below are the dates that it will be tested:

- Saturday, **April 6<sup>th</sup>**
- Saturday, **May 4<sup>th</sup>**
- Saturday, **June 1<sup>st</sup>**
- Saturday, **July 6<sup>th</sup>**
- Saturday, **August 3<sup>rd</sup>**
- Saturday, **September 7<sup>th</sup>**
- Saturday, **October 5<sup>th</sup>**

**All Tests Will Be Held At 1:00PM**

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*Should inclement weather be present at the time of testing, the test will be cancelled. If you have any questions, please contact your local fire department.*  
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### Description

This course covers the basics of being a SKYWARN Spotter. The goal of the course is to provide baseline training for all spotters through multiple modules covering the procedures for spotting (including communication and spotter report criteria) and safety considerations for all hazards.

You can choose to register as a SKYWARN Spotter with the National Weather Service (NWS) by using the checkbox that appears after you Enroll in the course. If you check the box, you may be able to register with the NWS after passing the course. Your local NWS Warning Coordination Meteorologist will determine if there is additional training on other weather hazards, such as heavy snow, ice storms, floods, etc., and their reporting that must be completed through local spotter training.

For questions or more information about the SKYWARN Spotter program of the NWS, visit <http://www.weather.gov/skywarn/> or the "Frequently Asked Questions" (FAQs) under the "Overview" tab of this course page.

[https://www.meted.ucar.edu/training\\_course.php?id=23](https://www.meted.ucar.edu/training_course.php?id=23)

**\*\*\* Date Correction \*\*\***

**Great Lakes Emergency Preparedness Expo**

Home of the only emergency preparedness, alternative energy, and self-reliance Expo in Michigan!

**About the Expo**

The 2013 Great Lakes Emergency Preparedness Expo (GLEPE) will be held on **Saturday, October 19, 2013 from 8am to 5pm at the Birch Run Convention Center** ([www.birchrunchrunexpos.com](http://www.birchrunchrunexpos.com)) at 11600 North Beyer Road in Birch Run, Michigan. Don't miss out on 2013's only emergency management show to be held in Michigan. If you are looking for active buyers for your products and services then the GLEPE is the place to be.

[Directions to Birch Run Convention Center](#)

The "[Super Duper Garage Sale](#)" is also taking place at the Birch Run Expo Center the same day. The Super Duper Garage Sale is expected to bring in over 2,000 unique buyers to its show that will also be interested in attending the Emergency Preparedness Expo. Admission to GLEPE is FREE to the public.

The [Great Lakes Emergency Preparedness Expo offers exhibitors](#) a large audience of survival professionals and industry enthusiasts. The event is open to the public and will be advertised extensively via radio, billboards, direct mail, and internet marketing.

Local businesses and emergency responders, including the Red Cross and local fire departments and police departments are among the many pre-registered exhibitors with floor space and booths at the GLEPE.

GLEPE [attendees](#) will learn about preparing a 72-hour kit, food storage, and water purification.

Other vendors will provide tips and information about first aid, gardening, pet care preparedness, radio communications, cooking, and heat, light, and fuel options.

Numerous training classes, presentations, and demonstrations encompassing the prepping, self-reliance, and emergency management industries will make the Expo a one of its kind event for both attendees and exhibitors.

***NTS training scheduled***

We have scheduled 3 Saturday dates at the EOC for some NTS message handling training. All you will need is a pen to write with as the materials will be passed out. It should be good practice for anyone interested in emergency communications.  
I hope to see you there.

20 April from 8 am - 12 noon

Kevin KB8TAR



The American Radio Relay League  
RADIOGRAM  
Via Amateur Radio

Number	Precedence	RK	Station of Origin	Check	Place of Origin	Time Filed	Date
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To:

This Radio Message was received at:

Amateur Station	Date
Name	
Street Address	
City, State, Zip	

Telephone Number:

_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____
_____	_____	_____	_____	_____

REC'D	From	Date	Time	SENT	To	Date	Time
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A licensed Amateur Radio Operator, whose address is shown above, handled this message free of charge. As such messages are handled solely for the pleasure of operating, a "net" Operator can accept no compensation. A return message may be filed with the "Name" delivering this message to you. Further information on Amateur Radio may be obtained from ARRL Headquarters, 225 Main Street, Newington, CT 06111.

The American Radio Relay League, Inc. is the National Membership Society of licensed radio amateurs and the publisher of QRP Magazine. One of its functions is promotion of public service communication among Amateur Operators. To that end, the League has organized the National Traffic System for daily nationwide message handling.

## Swap schedule

Mar 30 - ARGYL Hamfest, Lowell, MI -- WB8R  
Apr 6 - Lincoln Trail Ham-Fest, Elizabethtown, KY - KY4Z  
Apr 13 - Cuyahoga Falls Hamfest, Cuyahoga Falls, OH  
Apr 20 - Jackson Co. ARC Hamfest, Jackson, OH -- KI8GW  
Apr 28 - Athens Hamfest, Athens, OH - K8JE, KI8GW  
May 4 - Cadillac Hamfest, Cadillac, MI -- WB8R  
Jun 1 - Independent Repr Assoc. W8IRA/R Hamfest, Hudsonville MI -  
\*\*(QSL CHECKING) - WB8R  
Jun 1 - Fulton Co. ARC Hamfest, Tedrow, OH -- OH Cabinet  
Jun 2 - Chelsea Radio Swap n Shop, Chelsea, MI -- WB8R  
Jun 16 - Monroe Hamfest, Monroe, OH --- WA8EFK, WB8R  
Jul 18 - PSC Meeting, Newington, Ct - K8JE  
Jul 19-21 -- ARRL BoD Meeting, Newington, CT -- K8JE, WA8EFK  
Jul 21 - Van Wert AR Hamfest, Van Wert, OH -- OH Cabinet  
Jul 27 - CMARC Trunk Sales, Lansing, MI - WB8R  
Jul 28 - Portage Hamfair, Randolph, OH - WA8EFK, KI8GW  
Aug 3 - Columbus Hamfest, Columbus, OH - \*\*(QSL CHECKING) - K8JE,  
KI8GW, OH Cabinet  
Aug 3 - UP Hamfest, Escanaba, MI  
Sep 8 - Findlay Hamfest, Findlay, OH - WA8EFK, KI8GW  
Sep 21 - Central KY Hamfest, Richmond, KY - KY4Z  
Sep 22 - Cleveland Hamfest & Computer Show, Berea, OH - \*\*(QSL  
CHECKING) - K8JE, KI8GW  
Oct 5 - Straits Area Hamfest, Petoskey, MI  
Oct 5 - Vette City Hamfest, Bowling Green, KY - KY4Z - \*\*(QSL  
CHECKING) - KY4Z  
Oct 6 - USECA Hamfest, Madison Heights, MI  
Oct 19 - Muskegon Color Tour Hamfest, Muskegon, MI - K8JE, WB8R  
Oct 20 - Kalamazoo Hamfest, Kalamazoo, MI - K8JE, WB8R



## 2013 Community Service Calendar



LDS preparedness fair - 27 April 2013  
Memorial Day Op CARE - 24-27 May 2013 (TBC)  
Big Fish Triathlon - 08 June 2013  
July 4<sup>th</sup> Op CARE - 3-7 July 2013 (TBC)  
Otter Lake Triathlon - 14 July 2013  
Crim 10 mile race - 24 Aug 2013  
Labor Day Op CARE - 30 Aug-02 Sept 2013

*Please keep these dates open in your calendar  
(\*\* outside county help requested)*

## Training Announcement

### **KENT COUNTY SEARCH AND RESCUE: GROUND SEARCH AND RESCUE TRAINING**

#### **Ground Search and Rescue Operations**

Saturday April 27th, 2013 9:00AM - 2200

Sunday April 28th, 2013 9:00AM -1600ish

**\*\*Times are subject to change with instructor availability\*\***

Cost: \$30.00 per Person – Checks Payable to KCEST

\*\*\*\*2012 Curriculum\*\*\*\*

Topics Include:

Intro to Land Navigation

Search Equipment

Search Techniques

Night Search Techniques

Course Meets or Exceeds NFPA & NIMS requirements for Wilderness SAR

Pre Requisite Incident Command System (FEMA IS-100 & IS-200)

Location:

Kent County, MI

- \*\* You will need to attend all days/times for certification
- \*\* There will be a limit of 30 participants in the GSAR operations training
- \*\* Must be in reasonably good physical shape for field operations part

To sign up:

<http://vrm.cc/saro>



*Don't forget to join your fellow hams on the **Tuesday** night net at 8:00 pm on 146.620 - with 100 Hz PL*



#### **NET CONTROL SCHEDULE**

KD8EBY - 26 Mar 2013  
KD8EOA - 02 Apr 2013  
MEETING - 09 Apr 2013  
KB8TAR - 16 Apr 2013  
KD8EBY - 23 Apr 2013  
KD8EOA - 30 Apr 2013

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## Stuff for Sale

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MFJ-945E tuner for sale, \$80. Contact Dick at [KC8VHA@GMAIL.COM](mailto:KC8VHA@GMAIL.COM)

For Sale - MFJ Versa Tuner V, model MFJ-989C, a 3 kilowatt roller inductor tuner. Exterior is well used, but there is nothing wrong inside. It works fine. \$100 obo Call Bill KD8VP 810.797.5329 or at [kd8vp@juno.com](mailto:kd8vp@juno.com)

*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*



## Michigan QSO Party

+++ Michigan QSO Party is April 20 +++

My friend Hank, N8XX, pointed out that the 2013 Michigan QSO Party is April 20 from noon to midnight EDST (1600Z April 20 to 0400Z April 21). Rules and other info at <http://www.miqp.org> Even though I seldom have the opportunity to participate fully in state QSO parties, I like to get in as much operating time as I can. They are very enjoyable. I recommend them to anyone willing to test the water. State parties are laid back enough so that they can be fun even for non-contesters.



*Please join your fellow hams on the **Thursday** night net at 8:00 pm on 442.750 + with 123 Hz PL*

*Tom KD8EOA*



## *More stuff*

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### PUBLIC SERVICE 2013 OUTSIDE OF LAPEER COUNTY

- GENESEE COUNTY      Atwood Races July Frequency 147.260 PL 100  
Crim Races Aug, 24 Meet at Vogt's Flowers at 5:30 AM Frequency 147.260 PL 100
- MIDLAND COUNTY      APRIL 27 MS Walk Meets at Collins and Rodd Streets, 8:30 AM through noon, HQ is the Salvation Army Communications Vehicle, freq 147.00+
- MAY 18 DOW RUN Meets at Midland Community Center, Collins at George Streets, 7:00 AM through noon, HQ is the Salvation Army Communications Vehicle, frequency 147.00+
- MAY 19 GREAT LAKES MARATHON/ HALF MARATHON, meets at Dow Diamond Main and State Streets, 6:30 AM through 3:00 PM, freq 147.00+
- SAGINAW COUNTY      MS Walk May 11 at 8:30 AM Meet at 601 Weiss St. Frankenmuth, frequency 147.240 PL. 103.5
- Run for Windy May 19 8:00 AM. Meet at Swan Valley High School, 8 - 10 operators needed

### **THE AMATEUR RADIO WEB**

Hello everyone I thought I would write this up for the wave guide.

I set a round most days playing on the web looking for site about amateur radio.

I like to share a few sites that you may find interesting most of these sites are

Video site so have some time to watch them. The first site is amateur logic.tv

I like this site because it talks about a lot of the digital mode and computer projects.

The next one is ham nation this is a pod cast on the twit network

It talks all things amateur radio. The hosts are Gordon West, Bob Heil and George Thomas

They do the news, upcoming events and George does smoke and solder.

I learned how to solder surface mounts here even though I haven't done it.

The next site is ham radio now from arvn this site is event and news podcast.

All these are on YouTube so grab a coffee and set back and watch.

73s

Tom kd8eoa

# *Training Announcement*

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## **Ham in a Day – April 7th 2013 (HIAD)**

### **We will hold General Upgrades as well!!!!**

Sponsored by: Kent County Radio Amateur Civil Emergency Service

### **Description**

No technical knowledge or Morse code requirements are needed. This class is for anyone who would like to obtain their technician level amateur radio license. More than 1000 people have taken this class and passed! The class consists guided study sessions and hourly breaks followed by the FCC testing session.

\*\*This class uses memory retention.

People who have concentration issues or a learning disability may not do well in this type of class.

### **Dates & Times**

April 7th 2013

10:00AM – 18:00 Study Sessions – General License Upgrade

13:00 – 18:00 Study Sessions - Tech

18:00 – 20:00 Testing Session

### **Cost**

\$35.00 (includes FCC test fee)

### **Registration**

<http://vrm.cc/hiad>

Bring a legal photo ID such as a Drivers License or Passport

If no legal photo ID is available then bring 2 pieces of photo ID.

If upgrading please bring your original copy of amateur radio license!

Anyone 16 years old or younger must have a parent or legal guardian present for the entire session.

### **Location**

Kent County Sheriffs Department EOC Room

701 Ball Ave NE, Grand Rapids, MI 49503

### **Questions**

hiad@kcest.org

## Training Announcement

Sponsored by Lapeer County Office of Emergency Management and Lapeer County CERT

# Sandbagging 101

## Hands On Workshop

Instructed by the U.S. Army Corps of Engineers



Has anyone ever looked to you for help filling sandbags and/or building a levee? Did you know there is a proper way to close the opening of a sand bag? Do you know how to build a levee to make it more durable? Do you know techniques for moving bags safely and ergonomically correct? If not, consider attending this **FREE WORKSHOP** to get trained by the experts.

**FREE**

**Saturday, April 20, 2013**  
**10:00am**

820 Davis Lake Road, Lapeer  
Behind the Lapeer County Road Commission Garage

**NO REGISTRATION REQUIRED - JUST SHOW UP!**

**Bring Your  
Own Shovel  
and Gloves.**



**Sandbags and  
dirt will be  
provided.**



**Class will be held rain or shine  
and will ONLY be cancelled for SEVERE weather.**

## 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: Joe Medved KD8CIL  
Repeater Assistants: KC1BUD, KD8EBY, KD8EOA  
Skywarn Coordinator: Tom Oliver KD8EBY  
Swap & Shop Chairpersons: Bill Miller KD8VP & Dan Bain KC1BUD  
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 PIO: Dan Bain KC1BUD  
County AEC: Joe Medved KD8CIL  
County AEC: Kevin Boxey KB8TAR

