

**W8LAP/r**  
146.620 - 100Hz  
442.750 + Open

[www.w8lap.com](http://www.w8lap.com)



# Lapeer County Amateur Radio Association

## Waveguide



June

Published Monthly by The Lapeer County Amateur Radio Association

2006

### Upcoming Swaps...

June 3, 8 a.m. –2 p.m. **Grand Rapids** I.R.A. Annual Hamfest. Hudsonville Fairgrounds. Info: Kathy (616) 698-6627 [www.w8hvg.org](http://www.w8hvg.org)

June 9, 10—Hamcomm Hamfest, Plano Texas

June 17, 8 a.m.—1 p.m. **Midland** MARC 32nd Annual Hamfest, Gerstacker Fair Center Midland County Fairgrounds Info: Bill, N8FUZ 989-835-4142

June 18, 7:30 a.m.—1 p.m. **Monroe** Hamfest and Computer Show, Monroe County Fairgrounds, M-50 at Raisinville Rd., Adm: \$6 advance, 8' tables \$12 ea., 8' trunk space \$6 ea. Info: Fred, KA8EBI, (734) 242-9487 or [www.qsl.net/w8kea](http://www.qsl.net/w8kea)

July 8, 8 a.m.—12 p.m. **Petosky** 31st Annual Swap & Shop. Straits Area ARC. Petosky High School. Adm: \$5, Tables \$8 (includes one door ticket) Info: Cliff KC8NVI (231.348.5043)

#### The Treas/Trustee Sez

Bill Miller, KD8VP

Good day to all, the LCARA treasury is about the same as it was last month, with no big expenditures to report. I am expecting a big deposit from the Memorial Day Operation Care, to come in anytime now so we will begin to replenish.

It was brought to motion last meeting to expend a reasonable amount on a new repeater controller. One that would be more user friendly for programming. I did find four dealers at the Dayton Hamvention to talk to, but they are salesmen above all else and all talk the same story. So I have made up my mind to contact each company, ask them for a local user of their controller and then go to that person and ask to see him use his programming software. Maybe that will give me an idea of how easy it is to program.

73 Bill Miller

*The Next Meeting will be held on  
Tuesday, June 13 —7:30 p.m.  
At the Lapeer County Central Dispatch  
Center (911) at 2332 W. Genesee  
Street in the basement.*

#### The Prez Sez

Bob W8RAE

I hope everyone had a good holiday, Plenty has happened since the April meeting ..The set up at the Boy Scout camp was interesting and on Friday Jim W8NGO and I spent the greater share of Friday finding and getting the antenna up and checked out. Once the that was done then came the power or was it rain??? None the less the rig of Jim's work and well enough to get a couple of contacts on 40 and 75. When I arrived on Sat. morning Kim and Jim Mazzola had set up their motor home on Friday evening and Kim and I hooked up the rigs and by 9 am or so we were on the air. Used 75,40, and 20 meters but most of the contacts were on 40. 21 scouts and 2 leaders got on the air and received their certificates . Closed the station at about 5:20 local time and were on our way out by about 6:05 pm. The weather on Sat> was much better than on Fri.

And the following weekend was OP CARE. Geez it was hot and muggy if you didn't make it , well the time at the rest area was enjoyable from the stand point of the usual good talk with the travelers. Only a few gliches. I would guess that the donations amounted to about. approx \$350.00. Could have been better but considering the events not too bad .

Thanks to all who signed up or showed up ..

73 hope to see you at the June meeting

73 Bob

#### The Editor Sez

Hank Kohl, K8DD

This month is scarce on input for the Waveguide, and it is being quickly prepared because Tuesday June 5 we are off to the Hamcom Hamfest in Plano, TX June 9 & 10 to set up for QRP-ARCI. I hope to be back for the meeting!

**The ARRL Field Day is June 24 & 25**  
**The annual ARRL Field Day is June 24 and 25 this year. Come to the next LCARA meeting for details on where it will be and how you can help out and support the Lapeer County Amateur Radio Association!**

## Lapeer County Amateur Radio Association

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

### Officers

President, Bob Erskine, W8RAE.....248-628-3401  
Vice-Pres., Chris Azelton, KC8TWL..810-245-0073  
Secretary, Jim Mazzola, KC8YMF.....810-796-2610  
Treasurer, Bill Miller, KD8VP.....810-797-5329

### Committees & Appointees.

Club Founder.....Hollis Hayes, W8ACD  
Club Call TrusteeW8LAP.....Bill Miller, KD8VP  
Club Historian.....Bill Hetchler, KC8SHI  
VE Coordinator.....Al Wilson, N8NPR  
Skywarn Coordinator.....Pete Headrick KB8RSG  
Swap & Shop Chairperson.....Bill Miller, KD8VP  
Field Day Chairman.....Bill Miller, KD8VP  
Meeting Refreshments.....Bill Miller, KD8VP  
Two Meter Net Mgr.....Charlie Whipp, KC8JBK  
Newsletter Editor.....Hank Kohl, K8DD

Public Information Officer...

### ARES Repeater Nets

Monday at 9:00 PM on 146.620-  
Thursday at 9:00 PM on 442.750+  
Mon—Sat at 9:30 PM on 147.300+

### Meetings

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

**Board of Directors'** monthly meetings are held on the first Tuesday of each month at Tim Horton's at 7:30PM (Check on the W8LAP repeaters).

### Newsletter

Items for the newsletter may be called to the Editor at 810-721-0708, sent by Mail (Box 88, Attica, MI 48412), or as an ASCII or Word to k8dd@arrl.net The deadline for submissions is the 20th of each

I was reading a Japanese homebrew site JF1OZL and ran into this humorous passage about reporting signals (phone) when you don't have an S meter...

How to send ear S

59 plus: When I receive his signal, fire burning on my eyes. The fan noise of linear amplifier can be heard. Also the click noise of the clock is heard. His voice over drives the inter frequency (IF) amplifier of my receiver. Therefore the voice has distortion. So it is hard to hear for me.

59: It is not hard to hear. It is strong enough. I feel hearing his voice, like face to face. I can hear his voice with no electric noise.

57: It has enough strength to make conversation. I can hear his signal with slight electric noise.

55: It is a slightly weak signal. Not too hard to hear. I can hear his signal always with electric noise. I can copy his call sign. But I do not want to make long QSO, because it will make me tired.

53: It is weak signal and hard to hear. I could copy his signal with hearing three times.

51: I want to stop QSO with him. Weak! Only call sign, we made QSO enough. I do not be interested about your local

## Field Days around the Thumb

There are several Field Day operations around the Thumb.

The club in Sanilac County W8AX usually has a Field Day operation, but I'm not sure where, but it could be found using the 146.86 repeater.

The combined Eastern Michigan ARC / Thumb Area Contesters Field Day is in Burtchville Township Park, North Lakeport, MI. [www.k8dd.com/tac/fd.htm](http://www.k8dd.com/tac/fd.htm)

The Red Cross club in Port Huron is usually at the Goodells Park west of Port Huron. [www.qsl.net/arcars](http://www.qsl.net/arcars) or [www.arcars.us](http://www.arcars.us)

The Lanse Creuse ARC Field Day weekend will be June 23-25 at Addison Oaks Park, Macomb County.

### W8KC—sk

We were shocked to learn of the sudden death of Paul Valko, W8KC. His passing occurred in late April.

He will be remembered for his early expertise in packet radio. Paul was known for his intense interest in all things Ten-Tec. His collection of Ten-Tec gear and data was notable and was available for all to see on his website.

Paul was an occasional user of the W8LAP repeater when he was traveling from his home in Oakland, MI to their "home away from home" near North Branch.

Paul will be missed by everyone. He is survived by his wife Debra and two daughters, Kate and Coleen.



**Be Radio-Active  
Participate**

# June 2006

Sun	Mon	Tue	Wed	Thu	Fri	Sat
				1	2	3 Grand Rapids Swap
4	5 ARES Net 146.62 9:00PM	6 Board meeting—Tim Horton's . 7PM	7	8	9 Hamcom Hamfest	10 Hamcom Hamfest
11	12 ARES Net 146.62 9:00PM	13 <b>LCARA Meeting</b>	14	15	16	17 Midland Hamfest
18 Monroe Hamfest	19 ARES Net 146.62 9:00PM	20	21	22	23	24 <b>Field Day</b>
25 <b>Field Day</b>	26 ARES Net 146.62 9:00PM	27	28	29	30	

## Volunteer Exam Session

The next ARRL Volunteer Exam (VE) session will be **June 10, 2006** at 10:00 a.m. in the 2nd floor meeting room at the Port Huron Branch of the St. Clair County Library, 210 McMorran Blvd, Port Huron, MI.

Pre-registration is NOT required. Bring picture ID, the original and a copy of your present license and the original of any Certificate of Successful Completion (CSC) you may hold. The current fee is \$14.00. For further information call Bob Herbert, K8WMW, at 982-1561

The following are the dates scheduled for the 2006 Port Huron Volunteer Exam Team sessions:

June 10, 2006  
 August 12, 2006  
 October 14, 2006  
 December 9, 2006

**Be Radio-Active  
 Participate**



**RadioShack**

*You've got questions. We've got answers.®*

HillCraft Electronics 888-520-2002  
 Just North of I-69 on Van Dyke (M-53)  
 In the Farmer Jack Plaza

## SPECIAL Through December 2007

- On any small parts (the 270 series Radio Shack Part numbers **20% discount!** with your LCARA membership card ~or~ proof of Amateur Radio License.

Check with us for your wireless networking needs and High Speed internet!

## Contesting & DXing



The weekend of June 3 & 4 was the Museum Ship weekend. Stations contacting 22 of the museum ships are able to apply for a really nice certificate. A pair of hams from Adrian (K8AQM and KG8CO) traveled to Port Huron to the Huron Lightship Museum K8HLM and made over 400 contacts from the deck of the Huron Lightship. Several of the Port Huron amateurs stopped in to visit them and some even sat down and operated for a short time. There was also one amateur from the Lum area who assisted on Saturday evening.

The Huron Lightship has an HF antenna and an Icom transceiver for use by visiting amateur radio operators. And the donation fee for admittance is waived if you show them your amateur radio license.

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### IRC Changes

The Universal Postal Union (UPU) announced yesterday in a press release that the new International Reply Coupon (IRC) design has been selected. The new design, known as "Beijing model No. 2", was submitted by Volodymyr Taran, a Ukrainian graphic artist. Taran's winning submission was inspired by Michelangelo with "two fingers about to touch, framed in a postage stamp". You can see the model at <http://www.dailydx.com/2007irc.jpg>. The new IRC is expected to be available starting July 1, 2006. It will be good through December 31, 2009. The current IRC ([http://www.upu.int/irc/en/2002\\_version.html](http://www.upu.int/irc/en/2002_version.html)) is good through December 31, 2006. October 1, 2007 marks the 100th anniversary of the IRC and to mark the occasion UPU members can "overprint "1907-2007: 100 years of IRCs!". The UPU estimates that 2.2 million IRCs are sold worldwide each year. For more information on IRCs check out the "How's DX" column in the June 2006 (page 85) and June 1999 (page 83) issues of QST.

June 1, 2006

## For Sale For Sale For Sale For Sale

Rigs For Sale At N8PCA:

- Yaesu VX 150 with box, pwr supply and manual: \$50.00
  - 3 - Yaesu FT 2800 VHF 60 watt mobiles: \$300.00
  - Radio Shack HTX 200 VHF HT with 1/2 watt output: \$25.00
  - Radio Shack HTX 400 UHF HT with 1/2 watt output: \$25.00
  - Yaesu FRG 100 Shortwave Receiver with box and manual: \$200.00
- All items sold together, no splitting them up!  
Contact John, N8PCA via email at [radiosignals@gmail.com](mailto:radiosignals@gmail.com)

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I want to buy your old ham/electronic/tube gear. I'm particularly looking for the Heathkit Mohawk that I built and sold to Dave Burch four decades ago.

Contact Mike, AA8K, at:  
[stepsisters@comcast.net](mailto:stepsisters@comcast.net) or 810-987-8873

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### For Sale

- HW-8 Handbook—covers HW-7, 8 & 9 \$15
  - Ten Tec Construction boxes
  - ~~3 TP 12 1 1/8 x 3 1/8 x 2 1/4 \$2.50 ea~~
  - ~~10 TP 14 1 7/8 x 4 1/2 x 3 1/4 \$3.00 ea~~
  - ~~9 TP 20 2 1/8 x 5 x 4 1/4 \$5.00 ea~~
  - ~~3 TP 48 3 1/8 x 7 1/2 x 6 1/8 \$6.00 ea~~
  - ~~8 TP 50 3 3/8 x 8 1/4 x 6 3/8 \$7.00 ea~~
  - 1 LG-4 3 X 3.8 x 6.8 \$8.00 ea
  - K7QO Code Course CD \$ FREE
  - COM port boards, ISA, 2 ports \$3.00 ea
  - 100' Rohn 45 tower with antennas, house, large garage, dipoles, vertical & wire antennas. Will not split. \$negotiable.
- Contact Hank K8DD at [k8dd@k8dd.com](mailto:k8dd@k8dd.com) or 810-721-0708

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### For Sale

- W8WWP Dave, contact via email at [squire37@comcast.net](mailto:squire37@comcast.net)
- Tower - \$600.00, Ringo Ranger - \$40.00,
  - G5RV - \$15.00, 8214 Coax - \$30.00/100 feet

Tower must be taken down and Ringo and 100' coax is still on tower. Located in St. Clair, MI area

# 2006 Severe Weather Awareness

Lapeer County Office of Emergency Management  
[www.lapeercountyemd.org](http://www.lapeercountyemd.org)

May 2006

## Schickler Students are Winners!!

Two students from Schickler Elementary are the winners of this year's statewide Severe Weather Poster Contest for 4th and 5th graders. **1st Place** went to 5th grader Daegan Debono, while classmate Alex House took **3rd Place**. (yes, this is the son of our own Tina House from MSU Extension). Their posters were chosen from over 1,300 other entries. The focus of the contest is to portray the importance of preparedness in the event of severe weather.

The difference between a funnel cloud and tornado... a funnel cloud **does not** touch the ground.



I think all will agree, that these two young gentlemen did Lapeer proud!! Congratulations guys!

If your 4th or 5th grader does not come home next year with the contest information, you can go to [www.mcswa.org](http://www.mcswa.org) and find out how to enter.

### Inside this issue:

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*Tornado Sirens* 4

# "Do 1 Thing" Campaign



**WATER**

- ◆ Purchase and store a 72 hour supply of commercially bottled water (or more up to two weeks)
- ◆ Purchase a generator if your water comes from a private well (or make sure that your current generator is set up to power the well)
- ◆ Label utility shutoffs and teach other members of the household how (and when) to shut them off
- ◆ Bottle a 72 hour supply of water at home (as described below)

Pets & Water		
Type	Weight	Water
Dog	10 lbs	14 oz
	60 lbs	50 oz
	100 lbs	75 oz
Cat	5.5 lbs	6 oz
	10 lbs	9 oz
Mice, gerbils		10-30 oz
Guinea pig		4-14 oz
Ferret	3x the volume of pellets fed daily (1/2 cup pellets means 1-1/2 cups water)	
Puppies and kittens	2-3 times adult of the same weight	
Pregnant/Nursing mothers	3 times normal amount for their weight	
Older animals	2-4 times normal amount for their weight	
Pets on certain medication may need more water Pets eating canned/wet food may need less water Pets may need 2-3 x more water during hot weather		

Families should have enough water stored to last 72 hours. That equals one gallon per person, per day. For each pet, estimate one gallon.



**SHELTERING**

- ◆ Identify the best tornado shelter in your home and workplace.
- ◆ Make a Go Bag for emergency sheltering.
- ◆ Make a plan for others to take care of your pet if you are not home during an emergency.
- ◆ Talk to your child's school regarding their sheltering procedures.

If you are told to shelter-in-place you should close all doors and windows and shut off fans and air conditioners. Take your family to a room with as few doors and windows as possible. You may be told to put towels or tape around the cracks of the windows and doors. Follow emergency instructions carefully. Make sure you take a battery powered radio with you so that you will know when the danger has passed. During an incident power in your area may be shut off.

**For more information:** [www.redcross.org/preparedness/cdc\\_english/Sheltering.asp](http://www.redcross.org/preparedness/cdc_english/Sheltering.asp) or [www.do1thing.us](http://www.do1thing.us)

# "Do 1 Thing" Campaign



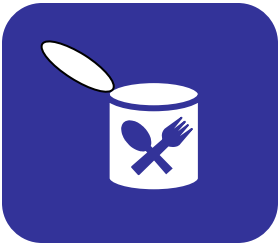
**RISK ASSESSMENT**

- ◆ Hazard + Vulnerability = Risk
- ◆ Know the hazards that can affect your community.
- ◆ Perform a family risk assessment.
- ◆ Set up a support network with friends and family to meet needs during a disaster.
- ◆ Determine what your insurance needs are by consulting an insurance agent.
- ◆ Buy flood insurance.

**Helpful Ideas:**  
Make an itemized list of personal property well in advance of a flood occurring. Photograph the interior and exterior of your home. Store the list, photos and documents in a safe place (possibly at a relatives home).

**Flood Insurance**

1. Regular homeowners policies DO NOT cover flooding
2. Floods don't just happen in the floodplain
3. Go to [floodsmart.gov](http://floodsmart.gov) for more information or contact your insurance agent



**FOOD**

- ◆ Purchase and store a dedicated three day emergency food supply for your household.
- ◆ Make a food storage plan that will meet your family's needs in a disaster (including pets).
- ◆ Take steps to make sure food in your refrigerator and freezer will stay cold in a power outage.

**THE GOAL:**  
Have a food supply that will meet the needs of your household for three days without outside assistance.

Upcoming Months include: Special Items, Communications, Connect with Community, Getting Information, Power, Emergency Supplies and First Aid.

**CHECK OUT:**

[www.do1thing.us](http://www.do1thing.us)

# NOAA RADIOS



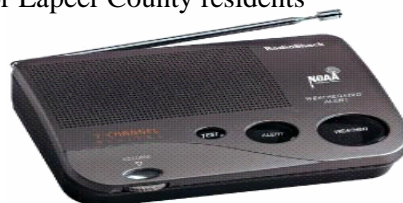
*Listen to NOAA Weather Radio for the most timely and complete warning services!*

NOAA Weather Radio broadcasts warning and post-event information for all types of hazards - both natural and technological. Working with other Federal agencies and the Federal Communications Commission's Emergency Alert System, NOAA Weather Radio is an "*all hazards*" radio network making it the single source for the most comprehensive weather and emergency information available to the public. Radios and televisions currently equipped with SAME (Specific Area Message Encoding) allow listeners to pre-select the categories of alerts they wish to receive in chosen listening areas.

Most retail stores now sell NOAA radios. Just remember to ask the sales person if it has S.A.M.E. technology capabilities. In addition, these radios are also equipped with battery back-up capabilities.

You can find out more about the NOAA radio at our website under the "Preparedness Section":

[www.lapeercountyemd.org](http://www.lapeercountyemd.org). This office uses the Reecom All Hazard Radio, if you would like to order one, I recommend contacting them *by phone* to make sure that you get the price for Lapeer County residents (770) 641-9228.



NOAA Radios should be as common in homes as smoke detectors. They too are an "early warning device".

**Look for NEW sirens going up  
in the following communities:  
City of Lapeer  
City of Imlay City  
North Branch**



**Don't forget:  
Monthly Tornado Siren Tests are held the 1st  
Saturday of each Month at 1:00pm from April  
thru October.**

## 2005-2006 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