

**W8LAP/r**  
146.620 - 100Hz  
442.750 + 123Hz QRP  
[www.w8lap.com](http://www.w8lap.com)



# Waveguide

Lapeer County Amateur Radio Association

July

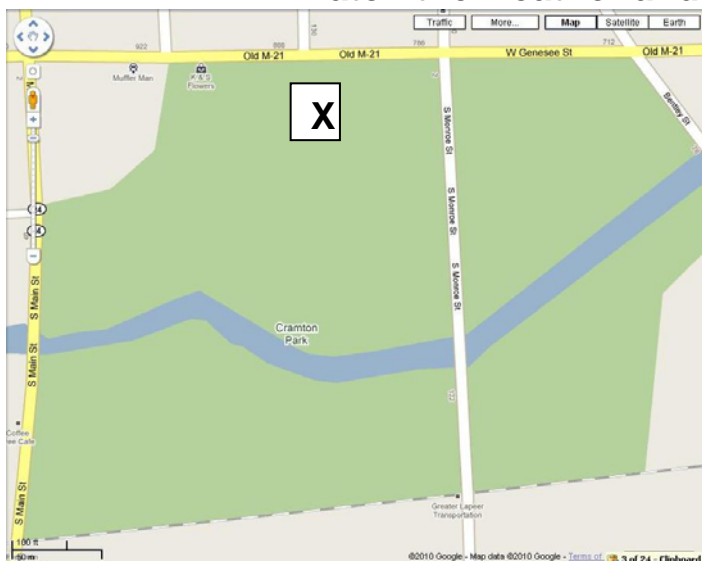
Published Monthly by the Lapeer County Amateur Radio Association

2010

*The next regular meeting may not be held on  
Tuesday, June 13 — 7:30 p.m.*

*at the Lapeer County Central Dispatch Center (911)  
2332 W. Genesee Street in the basement.*

**It's Party Time in Lapeer – LBB (Low Band Barbecue)!**  
**Watch the weather and if it is nice on June 13<sup>th</sup> .....**



**If it's nice, the meeting site has been changed to Crampton Park in Lapeer! The park is located in Lapeer between S. Main St (M-24) and S. Monroe Street on the south side of W. Genesee St. The parking lot for the park is off of S. Monroe and the pavilion for club use is located at the X on the map!**

**Bring whatever meat you wish to grill and your own drinks, condiments and tools! A hot, lit charcoal grill will be provided. And there will be some portable HF stations set up to see what they are all about.**

**If it's raining or below 50 degrees, the meeting will be held at the EOC. Check at the park first!**

## The Prez Sez:

The club has reserved the west pavilion at Crampton Park in Lapeer for the next club meeting on July 13<sup>th</sup>. This is the pavilion closest to the M24-M21 intersection. We have the pavilion reserved from 5 to 9 pm. Hopefully we will have a few members willing to bring their HF gear to share some DX activity with the club members who are not able to work the low bands. The tree situation isn't very good (for hanging antennas) with the closest suitable trees being 40 yards away or so but I'm sure someone can put them to good use for a little QRP action. I will be bringing the club's Buddipole antenna and my own HF radio. I have a 20 m wire dipole that we may be able to use as well. Note that power is available in the pavilion.

I think we should also have some food that night. Jamie and I will be starting the charcoal grill and bringing a macaroni salad and some baked beans. I'm sure other

members will also be able to bring a dish to pass but if not then please come anyway. You will need to bring whatever meat you wish to grill, your own drinks, and your own eating utensils (plates, forks, cups, napkins, buns etc).

In the event of bad weather we will have the meeting at the EOC which is only 1/2 mile down the road. I assume we will know that bad weather is coming well in advance of having the LBB (Low Band Barbecue). Light rain shouldn't stop us since the pavilion is completely covered.

Please join your fellow club members on July 13<sup>th</sup> for the 1<sup>st</sup> annual LCARA LBB.

Kevin Boxey  
KB8TAR

## The Treas Sez:

Greetings to everyone. Operation Care for Memorial Day is now in the bank. The donations were very sparse compared to other years. I am not sure if that is because more stayed home or because they spent so much money on travel they didn't have extra to donate. But for what ever reason donations were down. Let us hope that we will do better for the next two Op Care.

At the same time we spent considerable money in June. Not only did DTE nail us twice in this month, but we also had to repair the 440 repeater and put new tires on the trailer that the club uses for OP Care.

Unfortunately our expenses were greater than our

income this month, but we are far from destitute.

Those that find the time to help out with Operation Care are a great benefit to our club. If only every member would volunteer, no one would have to spend a great amount of time out at the rest area. Please consider contacting Tom Oliver KD8EBY on the repeater, or bring up the [w8lap.com](http://w8lap.com) web site to sign up for a time slot.

Enough for now, see you at the July meeting.

Bill Miller KD8VP Treasurer

## The Trustee Sez:

Hello everyone. I trust that everyone is very busy putting up towers and antennas, redoing coax connections and testing to make sure that your equipment is operating to optimum. With the club purchase of the VHF-UHF power/swr meter, I found out that the 440 repeater was not putting out what it should be. I do not know how long it has been down in power. Anyway I took it out of service for repairs. It was found that the two final amplifier transistors were smoked. Transistors were available still

from RF Parts in California. They were purchased and installed. Now everything is working fine again. Over 30 watts out and still ticking. You might want to give it a try from your location. It might work better than 2 meters.

Remember the repeaters are there for your use.

Please use them.

Have a great Independence Day celebration.

Bill Miller KD8VP Trustee

## The Secy Sez:

**The meeting was called to order** at 7:31 with the Pledge of Allegiance to the Flag and introduction of members and guest.

The Emergency Preparedness Fair at the LDS Church went very good.

**Minutes** were read by Flo, kc8cab. Accepted as read by Tom, kd8eby and seconded by Dan, kc1bud.

**Trustees report** was given by Bill, kd8vp. Bill replaced the 25 and 40 watts for the 440 repeater. The 440 repeater is back in the repeater shack and working.

**EC report** was given by Tom, kd8eby. Still don't know anything more about the climber for the packet antenna. The radio is at the hospital are programmed and running. There is a 2 meter and a 440 radio.

**AEC report** was given by Joe, kd8cil. Still working on a list of equipment that was gotten with State and Federal funds.

**Vice President report** was given by Chris, kc8twl. He is going to try and get a small article about the meeting in the papers.

**Break** was from 8:05 to 8:18.

**The next meeting** that will be on July 13 may be in a park so they can work HF so listen to the repeater for details.

Not sure who will run field day or if there be any for the Club on the weekend of June 26 and 27.

**The LITZ Function** is not working yet for the emergency radio signal.

**50/50** was won by Fred, n8abr. He donated his winnings back to the Club. There was \$15.00.

**Meeting was closed** at 8:40. Motion to close by Jamie, kc8pmw and seconded by tom, kd8ebt.

## Public Service Events:

From the DEC:

I am are looking for operators for the Tuuri Race on July 24. We are meeting at 6:30 AM at the Whaley Center on Grand Traverse across from Hurley Hospital.

We are also looking for operators for the Crim Race Aug. 28.

If there are any operators that are interested in working either or both races, please contact me with there names, call signs, and phone number, or they can contact me directly.

My info is: Joe Tuscher

Phone number is: (810)742-3866

email [jt14888@aol.com](mailto:jt14888@aol.com)

Thank you, Joe

## The EC Sez:

Thanks to all who donated some of their July 4th weekend to Operation Care. We logged a total of 147 hours. Great Job Next we have the Tri 4 Life in Ottisville on July 18th. Our Prez is looking for operators to assist and will provide details.

[KD8EBY@arri.net](mailto:KD8EBY@arri.net)

E.C. Lapeer County, Mi.

ARES/RACES/Skywarn

NAEMT(P) Member

Kevin KB8TAR and Jamie KC8PMW at Operation CARE  
Ready to serve weary travelers Tim Horton's  
Timbits with hot coffee, iced tea, orange drink or water to drink.  
And some dog treats to the pet owners.



## From the Mailbag:

**Remember --- DX is!**

## **From the Monday Night Net Manager**

Below is the Monday night ARES net schedule for the second half of 2010. As always, if you know of any stations who would like to participate by doing an occasional net or (better yet) being added to the rotation, please have them contact me.

73,  
KC8JBK  
Charlie

July 5 2010 KB8TAR Kevin  
July 12 2010 KD8EBY Tom  
July 19 2010 KC8JBK Charlie  
July 26 2010 KC8ZCF Doug

Sept. 6 2010 KD8HDZ Jack  
Sept. 13 2010 KB8TAR Kevin  
Sept. 20 2010 KD8EBY Tom  
Sept. 27 2010 KC8JBK Charlie

Nov. 1 2010 KC8JBK Charlie  
Nov. 8 2010 KC8ZCF Doug  
Nov. 15 2010 KD8HDZ Jack  
Nov. 22 2010 KB8TAR Kevin  
Nov. 29 2010 KD8EBY Tom

August 2 2010 KD8HDZ Jack  
August 9 2010 KB8TAR Kevin  
August 16 2010 KD8EBY Tom  
August 23 2010 KC8JBK Charlie  
August 30 2010 KC8ZCF Doug

Oct. 4 2010 KC8ZCF Doug  
Oct. 11 2010 KD8HDZ Jack  
Oct. 18 2010 KB8TAR Kevin  
Oct. 25 2010 KD8EBY Tom

Dec. 6 2010 KC8JBK Charlie  
Dec. 13 2010 KC8ZCF Doug  
Dec. 20 2010 KD8HDZ Jack  
Dec 27 2010 KB8TAR Kevin

## **Coming Events...**

**August 7:** UP Hamfest, <http://www.dcars.org/UPHAMFEST/hamfest.htm> Escanaba, MI

**August 8:** Port Huron Seaway Trunk Swap, Port Huron, MI ---- See attached flyer

**August 15 – Lapeer Swap & Shop,** <http://www.w8lap.com> Lapeer, MI ---- See attached flyer

**September 11:** GRAHamfest, [http://www.w8dc.org/index\\_swap.htm](http://www.w8dc.org/index_swap.htm) Wyoming, MI

**September 12:** Findlay Hamfest, <http://www.kangaus.com/symposium/index.htm> Findlay, OH

**September 19:** Adrian ARC Hamfest, <http://www.w8tqe.com/hamfest.htm> Adrian, MI

**October 17:** Kalamazoo Hamfest, <http://www.kalamazoohamfest.com/> Kalamazoo, MI

## Volunteer Exam Session

The next ARRL Volunteer Exam (VE) session will be **July 10, 2010** at 10:00 a.m. in the second floor meeting room at the Port Huron Branch of the St. Clair County Library, 210 McMorran Blvd, Port Huron, MI.

### Pre-registration NOT NECESSARY!

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 \$15.00. For further information call Martin Smith, KD8IKN, at 385-5584

**Remaining dates for 2010: July 10; August 14; September 11, October 9; November 13; December 11**

Martin, KD8IKN [pioneer-2@att.net](mailto:pioneer-2@att.net) 810-385-5584

### More From the Mailbag:

**LCARA is now on Facebook! Logon to your Facebook account and search on "Lapeer County Amateur Radio Association" and become a fan! This is an excellent way to promote the club.**

---

### Lapeer County Amateur Radio Association

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

#### Officers

President, Kevin Boxey KC8TAR ..... 810-793-4986      Vice-Pres., Chris Azelton, KC8TWL..810-245-0073  
Secretary, Flo Haack KC8CAB ..... 810-793-2606      Treasurer, Bill Miller, KD8VP.....810-797-5329

#### Committees & Appointees.

Club Founder.....Hollis Hayes, W8ACD      Club Call TrusteeW8LAP.....Bill Miller, KD8VP  
Club Historian.....Charlie Whipp, KC8JBK      VE Coordinator.....  
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.....**It could be you!**

#### ARES Repeater Nets

Monday at 9:00 PM on 146.620-  
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 maybe sometimes 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 file to [k8dd@arrl.net](mailto:k8dd@arrl.net) The deadline for submissions is the 20th of each month.

---

### For Sale For Sale For Sale For Sale:

#### FOR SALE:

**Henry 2K** HF amplifier, floor model \$800 contact Stan, AC8W (810) 364-6674

#### For Sale

**HW-8 Handbook**—covers HW-7, 8 & 9 \$15 ( 2 left )

**COM port boards**, ISA, 2 ports \$3.00 ea

From the estate of N8CQA:

**30M** two transistor transmitter in a Hershey Cocoa can , with schematic \$15

- 10 straight sections** of Rohn 45G - used, no rust at all, have most of the bolts in decent shape     \$150 per section
- 1 straight section** of Rohn 45G - new never used, with new bolts     \$180
- 1 straight section** of Rohn 45G - new, one bottom leg bent in about 1 inch, with new bolts \$150 ( \$1600 for all 12 sections)
- 1 Rotator** plate for Rohn 45G     \$70     (\$30 with the tower)
- 3/6 EHS guy wires** - about 10 pieces, mostly in the 80 to 100' range -- goes with the 12 sections of tower -- no guy grips
- 3 anti-climb shields** for Rohn 45G     \$50 each     All three for \$110
- 2 runs Andrew 1/2" Heliac** - new 100+ ft     \$75 each

I can get a more accurate measurement if anyone is interested

**1/2" Heliac connectors**

- 1 UHF male - looks unused     \$4
- 2 UHF male - cable cutoffs     \$4
- 1 UHF female - cable cutoff     \$4
- 2 N Male cable cutoffs     \$4
- 1 UHF female - new in the styrofoam packaging     \$20

**FT-817** (not ND, but TX opened up). 500 Hz filter, carrying case, rubber duck antenna, MH-36 TT mike, original ni-cad battery pack, book, RS-232 serial cable for CAT, LPT port keying cable, original box     \$420

**Logitech K-1 keyer**     \$50

Pictures provided on request.

Delivery - I'll drive the first 50 or so miles!

Offers graciously accepted as long as I can laugh!

Hank K8DD     810 721 0708 or 810 334 8533

k8dd@k8dd.com

## N2CQ QRP CALENDAR 2010

Summer FOX Hunt - QRP 20M CW... QRP Contest!

EDT: Each Tue starting July 6, 9 PM to 1029 PM

UTC: Each Wed starting July 7 0100z to 0229z Info:

<http://www.qrfoxhunt.org/>

IARU HF World Championship (CW/SSB) ... QRP Category

Jul 10, 1200z to Jul 11, 1200z

Rules: <http://www.arrl.org/iaru-hf-championship>

Feld Hell Club Sprint (Feld Hell) ... QRP Category

Jul 10, 1600z to 1800z

Rules: <http://sites.google.com/site/feldhellclub/Home>

SKCC Weekend Sprintathon (Straight Key CW) ... QRP Category

Jul 11, 0000z to 2359z

Rules: <http://www.skccgroup.com/sprint/wes/>

QRP ARCI Summer Homebrew Sprint (CW) ... QRP Contest!

Jul 11, 2000z to 2359z

Rules: <http://www.qrparci.org>

CWops Mini-CWT Test (CW) ... QRP Category

Jul 14, 1100z to 1200z and

Jul 14, 1900z to 2000z and

Jul 15, 0300z to 0400z

Rules: <http://www.cwops.org/onair.html>

Digital Mode Club (DMC) Contest (RTTY) ... QRP Category

Jul 17, 1200z to Jul 18, 1200z

Rules: <http://www.digital-modes-club.org/>

North American QSO Party (RTTY) /QRP Entries Noted

Jul 17, 1800Z to Jul 18, 0600Z

Rules: <http://www.ncjweb.com/naqprules.php>

CQ WW VHF Contest (All, 6 & 2 Meters) ... QRP (10W)

Category

Jul 17, 1800z to Jul 18, 2100z

Rules: <http://www.cqww-vhf.com/>

Colorado Gold Rush (20 mtr CW QRP) ... QRP Contest

July 18, 2000z to 2159z Rules:

<http://www.cqc.org/contests/gold2010.htm>

RUN FOR THE BACON (CW) \*\*\* QRP CONTEST \*\*\*

EDT: Jul 18, 9 PM to 11 PM

UTC: Jul 19, 0100z 0300z

Rules: <http://www.fqqr.com/>

NAQCC Straight Key/Bug Sprint \*\*\* QRP CONTEST! \*\*\*

EDT: Jul 21, 8:30 PM to 10:30 PM

UTC: Jul 22, 0030z to 0230z

Rules: <http://home.windstream.net/yoel/contests.html>

Islands On The Air Contest (CW/SSB) ... QRP Category

Jul 24, 1200z to Jul 25, 1200z

Rules: <http://www.rsgbcc.org/hf/rules/2010/riota.shtml>

Flight of the Bumblebees (CW) ... QRP Contest!

EDT: Jul 25, 1300 to 1700

UTC: Jul 25, 1700z to 2100z

Rules: [http://adventure-radio.org/wiki/index.php?title=Main\\_Page](http://adventure-radio.org/wiki/index.php?title=Main_Page)

SKCC Sprint (Straight Key CW) ... QRP Awards

Jul 28, 0000z to 0200z

Rules: <http://www.skccgroup.com/sprint/sks/>

Thanks to SM3CER, WA7BNM, N0AX(ARRL), VA3JFF & G4GXL (QRPARCI)

N2APB (AmQRP), WB3AAL (EPAQRP) and others for assistance in compiling this calendar.

# Seaway Trunk Swap

August 8, 2010

9:00 A.M. to Noon

Presented by:

The Eastern Michigan Amateur Radio Club

Vantage Point in Port Huron

5 Water Street,

Downtown at the foot of Water Street where the  
Black River joins the Saint Clair River

Free Admission & Free Parking

Trunk Sales Only

Refreshments available at the Coffee Harbor

Talk-in 147.32-

Admission - Free

Trunk Space - Free

Information email Bob K8WMW at

[k8wmw@arrl.net](mailto:k8wmw@arrl.net)



ARRL 4

This is an ARRL approved Hamfest



**August 15, 2010**

**August 15, 2010**

**August 15, 2010**

**Lapeer, MI  
11th Annual  
Ham & Computer Swap**

**Sunday, August 15, 2010 at 8:00 AM—12:00 PM  
Lapeer Co. Center Building—425 County Center Dr.  
(See map on back)**

**\*\*\* Admission: \$5\*\*\***

**Tables: \$10 at the Door  
\$10 in Advance**

Mail-in form for admission & tables at  
<http://www.w8lap.com>

**\*\*\* Handicap Accessible\*\*\***

**\*\*\* Free Parking\*\*\***

**\*\*\* All Sales Inside\*\*\***

**\*\*\* Refreshments Available\*\*\***

**\*\*\* Limited Electricity Available\*\*\***

**\*\*\* Talk-In 146.620-\*\*\*  
100Hz tone**

Swap info: [kd8vp@arrl.net](mailto:kd8vp@arrl.net)



**VE Testing**

Bring the original and a copy of 2 forms of ID, current license & CSCE (if any). Contact Bob, N8NE for test details (810) 653-3856.

**NO WALK-INS**

**2010 LCARA Swap Table & Ticket Order**

Please Print

Name: \_\_\_\_\_ Callsign \_\_\_\_\_

Address: \_\_\_\_\_

City, State & Zip: \_\_\_\_\_

Phone: \_\_\_\_\_

Tables are \$10 each if purchased before the swap, \$10 each the day of the swap

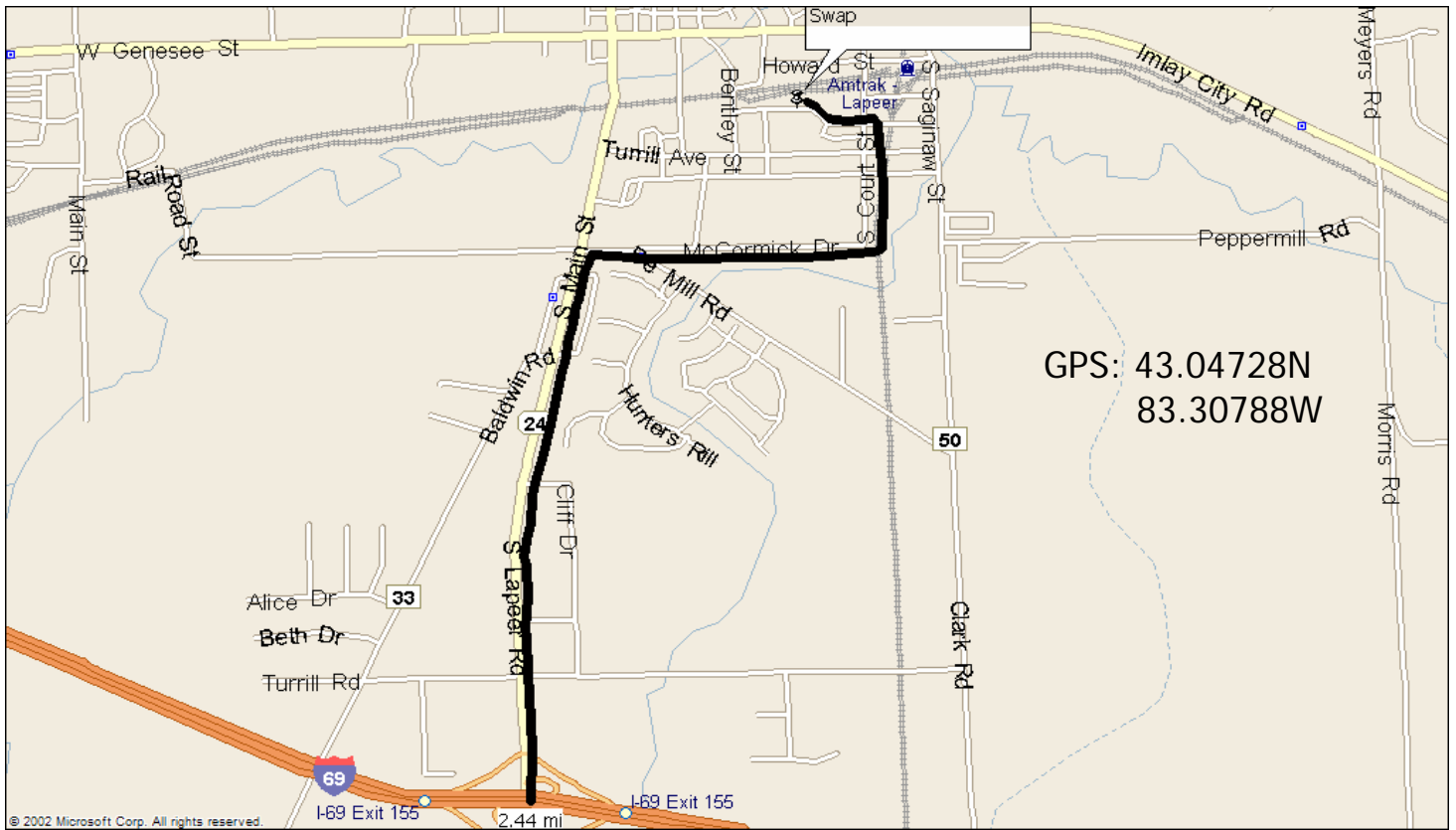
Number of tables: \_\_\_\_\_ X \$10.00 = \$ \_\_\_\_\_

Number of tickets: \_\_\_\_\_ X \$ 5.00 = \$ \_\_\_\_\_ Total \$ \_\_\_\_\_

Electricity: Limited & on first reserved basis. Do you wish electricity? Y N

For mail-in form - online at [www.w8lap.com](http://www.w8lap.com)

Mail to: LCARA, Box 12, Hadley, MI 48440-0012



### Swap Directions

Exit 155 (I-69) head NORTH on M - 24 for 1.2 mi., turn right on De Mille Rd. (turns into McCormick Dr.). Go 0.2 mi., turn left onto S. Court St. Go 0.2 mi., turn left to the County Center Building at 425 County Center St, Lapeer, MI 48446.

Lapeer County Amateur Radio Assoc.  
P.O. Box 12  
Hadley, MI 48440-0012



## 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