

# Waveguide

## Lapeer County Amateur Radio Association

P.O. Box 12 | Hadley, MI 48440-0012 | <http://www.w8lap.com>

Club Founder: Hollis Hayes W8ACD, SK

## The President Says

Hello LCARA members and Lapeer area hams;

Summer is passing quickly and it's been a real one this year with high temperatures and humidity. I hope you've been able get your summer projects well underway in spite of the heat. My big pole barn build project is underway. Hopefully we'll be setting trusses during the second weekend in August..

Don't forget our annual picnic on August 9th at **6:30 PM** in Crampton Park in Lapeer. I plan to get there by 6 and grab a pavilion. My hope is that I'll be able to get the same one we had last year. It's on S. Monroe St. just south of the bridge. This is the road that splits Cramton Park. I'll start talking on the 2m repeater about 6:00 and let you know which pavilion we'll be using.

Also, I've put together a setup to measure generator characteristics so if you have a small generator, like the Honda 2000, bring it to the picnic and we'll see how the AC signal looks. I believe we'll also have some people bringing out their go-boxes.

**We'll have our annual election of officers at our meeting in September.** Please consider serving as a club officer. At a minimum we'll be selecting a



August 2016

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### W8LAP / r Repeaters

146.620 - 100 Hz

442.750 + 123 Hz

### Next Club Meeting

**Tuesday, August 9**

**6:30pm <- Picnic!**

Cramton Park, Lapeer, MI

### ARES Net

Every Tuesday 8:00pm

146.620 - 100 Hz PL

### Thursday Night Net

See calendar for schedule and frequencies.



### **The President Says, continued:**

new president and I promise that you can vote for someone besides The Donald or Hillary.

I look forward to seeing everyone at the picnic on August 9th.

73

Gordon Miller , KD8TXW

le canard boiteux

## **Treasurer's Report**

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Greetings to one and all. Boy has it been a crazy summer or what. Seems that every time I get something accomplished something else

pops up and needs to be done. I am sure glad that I could find some time to do a little at Field Day. I have been busy with the club treasury work also. This past month I was able to finally pen down the financial advisor at Lapeer Bank and Trust. I had been working on getting an appointment with him to see if there was anything with FDIC rating that could get us better return on our investment. After very little time, he told me NO there was not. We could invest in the stock market, but I thought that was too risky for our funds. In the end he recommended as short of time CD that we could by at what ever rate I could get. The reason being that as soon as the elections are over the FEDs are going to have to do something with the low interest rate. If we are in short term, we can quickly convert to a higher rate CD. All said CD's are our safest place to put the emergency funds. I then purchased a six month CD with out savings.

With that out of the way, I will say that the donations from Operation Care have been on par with other years and we are doing well toward enough funds to cover all that we have to look forward to in our fiscal year. Please find the time to volunteer for OPCARE as your time pays off big in keeping our dues low. So low in fact that other clubs envy us. Don't lose OpCare!

August is the meeting in the park. I think there is going to be food and a good time, along with demonstrations of radios and equipment.

Come one and all to see what happens.

Respectfully,

William Miller, KD8VP, Treasurer

### **Officers**

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#### **President**

Gordon Miller  
KD8TXW

#### **Vice President**

Gerret Peters  
KD8YUK

#### **Treasurer**

Bill Miller  
KD8VP

#### **Secretary**

Lee Dziekan  
N8LJ

### **Committees and Appointees**

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#### **Club Call Trustee W8LAP**

Mike Zedan, KN8Z

#### **Repeater Technical Team**

Lee Dziekan, N8LJ

Will Stanton, KB8YGA

#### **Meeting Refreshments**

Bill Miller, KD8VP

#### **Newsletter Editor**

Gerret Peters, KD8YUK

#### **Webmaster**

David Erskine, KD8GXW

#### **County EC**

Kevin Boxey, KB8TAR

810-728-1481

#### **County AEC—SkyWarn**

Tom Oliver, KD8EBY

#### **Operation Care**

Tom Oliver, KD8EBY

# The Secretary Says

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## LAPEER COUNTY AMATEUR RADIO ASSOCIATION

Meeting Minutes July 12, 2016

The meeting was called to order at 7:30 pm by President Gordon KD8TXW. 19 members and guests were present.

Announcements:

The pole barn project was started by Gordon KD8TXW and his wife at their northern QTH.

Tea & Crumpets is starting again at McDonalds. It's the 3rd Saturday of each month at 8 am. It's an opportunity for members and others to informally meet and "chew the fat" (no offense to McDonalds).

Labor Day Operation Care is coming up so please sign up to get your time slot. Support your club's fundraiser and help keep the dues low.

A special thank you goes to Kevin KD8ZXT who signed up for all the time slots for the Independence Day Operation Care.

No one was reported to be ill for the hospital report.

**Don't forget our August meeting will be a get together at Cramton Park 6:30 pm.** Monitor the W8LAP repeater for the pavilion location. Will KB8YGA will bring hot dogs, Lee N8LJ will bring hot dog buns, Mike KN8Z will bring a salad. Other attendees, please bring a dish to pass.

Gordon KD8TXW will bring a data logger to the get together to measure the waveform & some performance parameters for motor driven generators. **If you have a small one you would like measured bring it along.**

If someone wants to bring a portable station and make some QSO's feel free to do so.

The Presentations of the Evening were:

Solar Power Systems as applied to villages and homes in PAPUA NEW GUINEA given by Loren Ledebuhr of the Wycliffe organization.

And

W8LAP Field Day Operation overview presented by our Field Day Sponsor Gerret KD8YUK.

**September will be the election of officers.** President Gordon KD8TXW will not be able to serve another term since he will soon be retiring to his northern QTH.

The minutes of the June LCARA meeting were approved, by the membership present, as published in the Waveguide.

## Club Meetings

LCARA meetings are held the second Tuesday of each month at 7:30pm in the :

**Lapeer County Central Dispatch Center (911)**

**2332 West Genesee Street**

**Lapeer, MI 48446**

**All are welcome.**

## The Waveguide

The Waveguide is a monthly publication of the Lapeer County Amateur Radio Association. **Publication is free to all interested members of the public.**

## Free Waveguide Subscription

Email your name, call sign (if licensed), city of residence and email address to [KD8YUK@KD8YUK.ORG](mailto:KD8YUK@KD8YUK.ORG)

## Feedback Welcome

Feedback positive and constructive is welcome and may also be directed to [KD8YUK@KD8YUK.ORG](mailto:KD8YUK@KD8YUK.ORG)

The Treasurer's report was presented and approved by the membership present. The Independence Day Operation Care netted the club \$221.72

Repeater Trustee reported the roof on the repeater shack will get replaced when the weather gets a lot cooler. Lee N8LJ saw an ad on QTH.SWAP that offered CAT-1000 repeater controllers for sale. If the ad proves to have what our repeater needs, a spare CAT-1000, he is authorized to spend up to \$200 to purchase the unit.

EC reports no meeting in July. There will be an exercise scheduled for the August meeting night.

The purchase of a projector for club use came up again for discussion. Mike KD8OTZ offered to sell his projector we have been using for some time. A motion was made, seconded and approved by the membership present to purchase Mike's projector. Thank You Mike for your offer.

50/50 won by Mike Z. KN8Z

Respectfully Submitted,

Lee

N8LJ

## The Trustee Says

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Hello W8LAP Supporters:

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

Repeater Shack Roof: Replacing the roof of the repeater shack, mentioned in detail last month, is on hold until cooler weather sets in.

Repeater Coverage: Also, as mentioned last month in detail, the Tech Team measured repeater transceiver parameters to begin the overall evaluation process. The results indicate no problems with sensitivity.

If you have any questions about the above material, feel free to contact me at the below address.

See you at the next meeting,

Mike, KN8Z (kn8z at arrl.net)

### LCARA Packet BBS

#### At the Repeater Site:

Frequency: 145.030 MHz

Node Name: LCARA

PBBS: W8LAP-4

#### At the Lapeer County EOC

Node Name: EOC44

PBBS: W8LAP-3

#### At KB8YGA's QTH in North Branch

Node Name: NORTHB

PBBS: KB8YGA-3

## ARES Field Exercise—August 17th

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The ARES team will conduct a field exercise at 7pm on August 17th, using digital modes. County EC/RO Kevin Boxey, KB8TAR has the details if you would like to participate.

## Ham Radio Operators Needed for the Crim Races, August 27th, 2016

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Area Hams – this is the 40th year of the Crim Races, a Flint institution and a Michigan landmark event.

**Your help is needed** as a ham radio operator on the course and serving some key communicator roles in support of the Races. This large event requires 50 radio operators; operators are now being solicited by the Genesee County ARES group (GCARES) to participate. More ham operators are needed.

Let's continue a long and proud Amateur Radio tradition of providing safety & welfare communications to the Crim Races as they achieve 40 years of public participation in Michigan. Thank you, and I'll see you at the Crim Races. I'll be the one (of many) with a HT in my hand.

Dave Wallick, N8LBF

MI District 3 ARES EC

**To register, visit <http://www.gcares.org>**; you'll receive a registration and confirmation email afterward.



### ARES Training Program

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#### August 17, Field Exercise

#### Interested in ARES?

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If you're interested in **emergency communications** and the Amateur Radio Emergency Service, you are welcome to:

- ◆ come by the team meetings (schedule above), or
- ◆ contact EC/RO Kevin Boxey, KB8TAR directly, or
- ◆ Join one of the club's VHF/UHF ARES nets on Tuesdays or Thursdays.

Find contact and net information on the front page of the Waveguide.



## CONGRATULATIONS!

To new LCARA member Charles Helwig for obtaining his General class license on July 19, 2016! Charles' call sign is **KE8ETH!** Congratulations, Charles!

## Hara Arena to Close

*Reprinted from Dale's Tales for August 2016*

NEWS FROM THE DAYTON HAMVENTION®: The Dayton Amateur Radio Association (DARA) regrets to inform our many vendors, visitors and stakeholders that, unfortunately, HARA has announced the closing of their facility.

We have begun execution of our contingency plan to move Hamvention® 2017 to a new home. DARA and Hamvention® have enjoyed many successful years working together with HARA Arena and we wish the Wampler family the best.

DARA and Hamvention® have been working on a contingency plan in the event HARA would become unavailable. We have spent many hours over the last few years evaluating possible locations and have found one in the area we believe will be a great new home! Due to logistics and timing issues, we will make a formal announcement introducing our new partner.

This information will be coming soon. We all believe this new venue will be a spectacular place to hold our beloved event. Please rest assured we will have the event on the same weekend and, since it will be in the region, the current accommodations and outside events already planned for Hamvention® 2017 should not be affected.

We look forward to your continued support as we move to a new future with The Dayton Hamvention®.

Signed: Ron Cramer, General Chairman  
Dayton Hamvention 2017

## The Doctor Is In—Podcast

*Contributed by Gerret, KD8YUK*

The ARRL has entered the realm of podcasting with this relatively recent program sponsored by DX Engineering. Every two weeks, the hosts (Steve Ford, WB8IMY, and the Doctor, Joel Hallas, W1ZR) discuss a technical topic with a mix of detailed knowledge and humor. As a new operator, I have found them to be fascinating. Learn more here: <http://www.arrrl.org/doctor>



End Feed Point for Mark's Antenna,  
KE8BYG

## Upcoming Club Meetings & Events

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### August

Annual club Picnic in the Park. More to come as we get closer to the picnic. (Cramton Park, specific pavilion TBD)

**Officer Nominations**

### September

Tentative—Adventures in Hawaii

**Officer Elections**

### October

Tentative—Member Projects Show & Tell

**2017 Officers assume duties**

### November

Lee Dziekan will do a presentation on using stubs to manage interference in a DX (or Field Day!) environment.

### December

The LCARA Annual Christmas Party

*And then we'll be off and running for 2017!*

### Call for Presentations

Club Presentations are a great opportunity to learn more about the wide variety of activities in the amateur hobby, and we are **always looking for more speakers!**

If you know someone with a radio-related topic, contact any of the club officers.

# August 2016

SUN	MO	TUE	WE	THU	FRI	SAT
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

## August Events

- 2—Tuesday ARES Net 8pm
- 4—Thursday **FL-Digi (Digital) Training Net** (see sidebar)
- 7—Sunday Nets (see sidebar)
- 9—**Club Picnic—Cramton Park**
- 11—Thursday **FL-Digi (Digital) Training Net** (see sidebar)
- 14—Sunday Nets (see sidebar)
- 16—Tuesday ARES Net 8pm
- 17—**ARES Team Field Exercise**
- 20—Tea & Crumpets 8am (see sidebar)
- 21—Sunday Nets (see sidebar)
- 23—Tuesday ARES Net 8pm
- 25—Thursday **FL-Digi (Digital) Training Net** (see sidebar)
- 27—**Saturday—Crim Festival of Races (ARES Support)**
- 28—Sunday Nets (see sidebar)
- 30—Tuesday ARES Net 8pm

## LCARA Nets - on W8LAP Repeater

### Tuesdays, 8pm

146.620- with 100 Hz PL

### FL-Digi (Digital Training Nets), 8pm

Digital Training Net (Olivia 8/500)  
145.070 Simplex

### Thursdays, 8pm

On 442.750+ with 123 Hz PL

## Sunday Nets

### ARPSC - 5pm

3.932 LSB

### District 3 Net - 6:30pm

145.31+ 131.8 Hz PL

### District 3 Digital Training Net - 8pm

3.583 USB

## Tea and Crumpets



3rd Saturday of each month  
8am

Lapeer McDonalds on M24  
Just south of the bridge



# September 2016

SUN	MO	TUE	WED	THU	FRI	SAT
				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	

## September Events

- 2—Thursday **FL-Digi (Digital) Training Net** (see sidebar)
- 4—Sunday Nets (see sidebar)
- 6—Tuesday ARES Net 8pm
- 8—Thursday FL-Digi (Digital) Training Net 8pm (see sidebar)
- 13—**Club Meeting, 7pm Lapeer EOC**
- 15—Thursday FL-Digi (Digital) Training Net (see sidebar)
- 17—Tea & Crumpets 8am (see sidebar)
- 18—Sunday Nets (see sidebar)
- 20—Tuesday ARES Net 8pm
- 22—Thursday FL-Digi (Digital) Training Net (see sidebar)
- 25—Sunday Nets (see sidebar)
- 27—Tuesday ARES Net 8pm
- 29—Thursday **FL-Digi (Digital) Training Net** (see sidebar)

## LCARA Nets - on W8LAP Repeater

### Tuesdays, 8pm

146.620- with 100 Hz PL

### 1st & 3rd Thursdays, 8pm

Digital Training Net (Olivia 8/500)

145.070 Simplex

### Thursdays, 8pm

On 442.750+ with 123 Hz PL

## Sunday Nets

### ARPSC - 5pm

3.932 LSB

### District 3 Net - 6:30pm

145.31+ 131.8 Hz PL

### District 3 Digital Training Net - 8pm

3.583 USB

## Tea and Crumpets



3rd Saturday of each month  
8am

Lapeer McDonalds on M24  
Just south of the bridge

## Lapeer County Tornado Siren Testing Schedule

Contributed by Mary Piorunek,  
Lapeer County Emergency Manager

*This information will run monthly throughout the testing season.*

If your community has a tornado siren, it will be tested on the following dates:

**Saturday, September 3rd**

**Saturday, October 1st**

All Tests will be held at  
1:00PM

*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.*



## 64th Annual W9DXCC DX Convention and Banquet

September 16-17, 2016, Schaumburg, Illinois

Sponsored by the Northern Illinois DX Association, the event is the premier DX gathering in the region and is an ARRL-approved operating specialty convention. Contest University and DX University programs will be held Friday, with presentations for new and veteran DXers and contest operators. Saturday's daylong session will feature speakers, exhibits, QSL card checking, a CW pileup contest and many prizes, including a Yaesu FT DX 3000.

The evening banquet is a time to relax with keynote speaker Tom Gallagher, NY2RF, the new ARRL CEO. For family members, Woodfield Mall, which offers a wide array of shopping, is one traffic light south of the convention site at the Hyatt Regency Schaumburg, 1800 East Golf Road.

### Main Convention – Saturday (as of now, with more being added)

- VP8STI/SGI Sandwich Island/South Georgia Island by K3LP
- VK0EK Heard Island by KK6EK
- K5P Palmyra Island by K9CT

- Cycle 24 Update by K9LA
- DX'ing During Declining Conditions by K9ZO
- Flex 6000 for Contesting & DX'ing by N5AC

**Registration:** Go to <http://w9dxcc.com/> for more information and registration, as well as updates

**For more information:** John McCormick,  
[NoFCD@yahoo.com](mailto:NoFCD@yahoo.com)

## Seaway Trunk Swap

August 7, 2016, 8:00 A.M. to Noon

Presented by: The Eastern Michigan Amateur Radio Club

Vantage Point—Great Lakes Maritime Center 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 Waterfront Deli
- Talk In 146.800, 100 Hz P.L.
- Admission – Free
- Trunk Space – Free
- ARRL DXCC Card Checker available (no 160M)

Information email Bob K8WMW at  
[k8wmw@sbcglobal.net](mailto:k8wmw@sbcglobal.net)

or Stan AC8W at [ac8w@arrl.net](mailto:ac8w@arrl.net)

**This is an ARRL approved Hamfest**



## Upcoming Hamfests, Swaps, and other Events

### Seaway Trunk Swap

Start Date: 08/07/2016  
End Date: 08/07/2016  
Location: Vantage Point - Great Lakes Maritime Center  
5 Water Street  
Port Huron, MI 48060  
Sponsor: Eastern Michigan Amateur Radio Club  
Type: ARRL Hamfest  
Talk-In: 146.800 (PL 100)  
Public Contact: Stan Arnett II, AC8W  
801 Range Road Marysville, MI 48040  
Phone: 810-364-6674  
Email: ac8w@arrl.net

### Ohio QSO Party

*Reprinted from Dale's Tales for August 2016*

The Mad River Radio Club hosts another one: the upcoming Ohio QSO Party. It will be held August 27, 2016. Full details, rules, links and forms are at <http://www.ohqp.org> For those among us who are not familiar with the MRRC, it is a regional club of contest enthusiasts who really enjoy putting counties (and people!) on the air. You can check the MRRC web page at <http://www.madriverradioclub.org>.

### North American QSO Party

*Contributed by Lee Dziekan, N8LJ*

Improve your "Worked All States" totals.

The North America QSO Party (SSB) will be held at 1800Z, Aug 20 to 0559Z, Aug 21.

The exchange is name and state.

Set up your N1MM software and become "Radio Active" for this short fun event.

For complete contest details see <http://ncjweb.com/naqp/>

### Technician Class Study Seminar Fall 2016

**Class Fee:** \$40.00 (does not include study manual)

**Mondays:** Oct 3, 10, 17, 24, Nov 7 & 14

**Time:** 6:30 p.m. to 8:30 pm

**Location:** Davison Community Enrichment & Recreation Building - Rm 106

**Instructor:** Amy Pender, WA8MY

#### Registration Information:

Davison Community Enrichment & Recreation

**Class Name:** "Get Your Ham Radio License"

By Phone: (810) 591-0177

Online: <http://davisonschools.org/dcer.cfm>

**Note:** Instructor uses Gordon West Technician Class Study Manual during seminar. Students who do not wish to purchase a manual may choose to use free online study materials.

#### Where To Buy The Study Manual:

Dentronics in Flushing, MI: 810-659-1776

Gordon West Online: [www.W5YI.org](http://www.W5YI.org)

### General Class Study Seminar – Winter 2017

**Class Fee:** \$40.00 (does not include study manual)

**Mondays:** Jan 23, 30, February 6, 13, 20, 27

**Time:** 6:30 p.m. to 8:30 pm

**Location:** Davison Community Enrichment & Recreation Building - Rm 106

**Instructor:** Amy Pender, WA8MY

#### Registration Information:

Davison Community Enrichment & Recreation

**Class Name:** "Upgrade to Ham General Class License"

**By Phone:** (810) 591-0177

**Online:** <http://davisonschools.org/dcer.cfm>

**Note:** Instructor uses Gordon West Technician Class Study Manual during seminar. Students who do not wish to purchase a manual may choose to use free online study materials.

#### Where To Buy The Study Manual:

Dentronics in Flushing, MI: 810-659-1776

Gordon West Online: [www.W5YI.org](http://www.W5YI.org)

Hosted by Genesee County Radio Club!  
Highly Recommended!

## Upcoming Testing Sessions—Is it time to get that upgrade?

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### **Port Huron MI 48060-4014**

Sponsor: Eastern Michigan ARC  
Date: Aug 13 2016  
Time: 10:00 AM (Walk-ins allowed)  
Contact: Martin Smith  
(810) 385-5584  
Email: pioneer-2@att.net  
VEC: ARRL/VEC  
Location: St Clair County Library  
210 McMorran Blvd  
2nd Floor Meeting Room  
Port Huron MI 48060-4014

### **Harrison Township MI 48045-650**

Sponsor: L'Anse Creuse ARC  
Date: Aug 17 2016  
Time: 6:30 PM (Walk-ins allowed)  
Contact: Clifford W. Ibbs  
(586) 567-0436  
Email: ab8xq@arrl.net  
VEC: W5YI VEC  
Location: Tucker Senior Center  
26980 Ballard St  
Harrison Township MI 48045-6506

### **Flint MI 48507**

Sponsor: The KT8Q & W8ACW VE Teams  
Date: Aug 20 2016  
Time: 9:30 AM (Walk-ins allowed)  
Contact: Jeffrey R. Pender  
(810) 895-1408  
Email: jeff@w8acw.org  
VEC: ARRL/VEC  
Location: Baker College of Flint-Tech Center  
1050 W Bristol Road  
Room S-103, Pre-reg preferred  
Flint MI 48507

### **Owosso MI 48867-9999**

Sponsor: Corunna VE Team  
Date: Aug 25 2016  
Time: 7:00 PM (Walk-ins allowed)  
Contact: Thomas E. Carpenter  
(989) 277-2262  
Email: ki8as@charter.net  
VEC: ARRL/VEC  
Location: Baker College Welcome Center  
1020 Shiawassee St  
Candidates 6:30 registration  
Bldg 16  
Owosso MI 48867-9999

## For Sale and Wanted—LCARA Online Swap Meet

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### **Wanted: 390 Ohm 2-Watt Resistor**

Contact Lee N8LJ if you have one. (Imdziekan at gmail dot com)



Radio-related advertisements for items to sell or wanted are free to all LCARA members.

Send submissions to [kd8yuk@kd8yuk.org](mailto:kd8yuk@kd8yuk.org)

Submissions must be received by the 20th of each month to be guaranteed a spot in the next month's Waveguide.

All submissions are reviewed and published at the discretion of the publisher.

## L.C.A.R.A. Membership Application

Please Print	
CALL SIGN: _____	NAME: _____
ADDRESS: _____	
CITY, STATE, ZIP: _____	
TELEPHONE: _____	EMAIL: _____
LICENSE CLASS: _____	A.R.R.L. MEMBER? (YES) (NO)
SKYWARN NO: _____	RACES NO: _____
ARES 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**

PLEASE  
PLACE  
STAMP  
HERE