



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

# Waveguide

Lapeer County Amateur Radio Association

July

Published Monthly by the Lapeer County Amateur Radio Association

2008

*The next regular meeting will be held on  
 Tuesday, July 8 —7:30 p.m.  
 at the Lapeer County Central Dispatch Center (911)  
 2332 W. Genesee Street in the basement.*

### The Pres Sez:

May 31 there were 4 VE's and no candidates. Field Day will be over as you read this. Operation C.A.R.E. maybe s well. The next club meeting will be July 8<sup>th</sup>, so there is sometime before the Swap & Shop Aug 17.

The PL on 442.750 is 123, not 110 at the top of the page. (fixed. —ed.)  
 The storms we just had were quick, strong and gone as quick as they came.  
 73 Bob, N8NE

### The Treas Sez:

Greetings to one and all  
 Not much has happened this month as far as the treasury is concerned. Just the normal bills were paid out and only two dues payments were received. Other than that no expenses.  
 Now I must put a plug in for Operation Care - Independence Day. Tom Oliver KD8EBY our able body coordinator is doing a fine job of keeping everything

together, and reminding me of what my duties are. As this column is being put together, Tom has a lot of the time slots filled and it looks like the club is doing a fine job of volunteering. Thank you to one and all that participates. I trust that you are all enjoying yourselves as well as providing a valuable service to the traveling community.  
 Thank you and 73 Bill Miller KD8VP Treasurer

### The Trustee Sez:

Well as you well know we are getting closer to having a new controller on our 2 meter repeater. The CAT 1000B has been purchased, as well as a couple of extra boards for the digital voice recorder and the digital squelch, and Perry KG8ID has been busy trying to interface it to our old Yaesu back up repeater. I chose to interface the Yaesu

first so that we didn't have to take the GE Master II off the air. Well as it turns out typically nothing ever works out as one would hope. The interface operation is not going as smoothly as I had hoped. Turns out we have to order a CTCSS board for the Yaesu, because the SCOM controller did that function and the Cat doesn't.  
 Oh well we will eventually get it up and running.  
 Hang in there and 73 Bill KD8VP Trustee

### The Secretary Sez:

Meeting was called to order by Bob n8ne with the Pledge of Allegiance to the flag and introduction of members and guest.  
 Minutes were read by Flo kc8cab. They were accepted with the date of Field Day corrected.

Treasurer's report was given by Bill kd8vp. Bill paid for the controller, CAT 1000B. The report was accepted by Tom kd8eby and seconded by Rob n8psp.  
 We will have a satellite receiver sight in North Branch. We will have to get a 2 meter radio \$100.00, 2 meter yagi antenna \$99.99, coax \$66.00, and a mount fabrication

\$50.00 for a total of \$315.99. Perry kg8id and Joe kc8cef will take care of it. It was moved by Joe kd8cil and seconded by Tom kd8eby to go ahead. No one was at the testing on May 31, 2008. We had a break from 7:50P.M. to 8:10P.M. for coffee and donuts. New Business: Dave kd8dlw asked the club to send a thank you letter to the Bridge Tenders at the Blue Water Bridge for the reports they give us at Operation Care. Operation Care is Thursday, July 3 through Sunday, July 6. A card is being sent to R.E. Secord. Field Day is June 28 and 29, 2008. ARES Field Day is at Bently High School. GCRC is holding one in Lapeer County on private property. The Club will not hold a Field Day this year.

### **The AEC Sez:**

AEC Says, Thanks to all who've signed in in the past weeks to the Skywarn Net(s). Even though we didn't have much to deal with(thank the powers to be) we get "credit" for every spotter involved. Also- it looks like Operation Care for July 4th MIGHT be cancelled, as of this writing we have only 7 two person shifts scheduled out of 20. Contact me on the repeater or, go to sign up for a shift.

### **From the mailbag:**

## **VOLUNTEERING**

Excerpts taken from the ARRL 1988 Communications Manual

A volunteer; A person who performs or offers to perform a service of his or her own free will, A person who renders aid, performs a service, or assumes an obligation voluntarily. Do you fit this description?

As the Great Lakes Division Legislation Action Coordinator (DLAC), I have asked the State Legislative Action Coordinators (LAC) when making first contact with prospective Legislative Action Assistants (LAA) to make sure before they accepted the position that they were asked to take, to read the description before they make a decision. In accepting the volunteer position they will be expected to do the work, knowing that circumstances do arise and that make it impossible to carry through. But all in all we all are expected to do the job we accept.

The LAC has asked you to take this position because they feel you can and will do the work involved. They have asked you to take this position because they need it done and feel you were the best person to do it. Volunteers are the lifeblood of the ARRL. They are difficult to find, more difficult to keep, and at times, we all can be difficult to work with. Volunteers come in a wide variety of shapes, colors, sizes, backgrounds, skills, experience, and levels of motivation. They have their own reasons for participating and their own specific needs which must be met if they are

Dick kc8vha bought in an antenna made from the QST Magazine November 2005. It is used for fox hunting. Joe, kd8cil made a motion: If a person works 6-3hour shifts at Operation Care a year for a total of 18 hours. The Club dues are free for the next year. It was seconded by Hank k8dd. Motion carried. Help is needed for June 28 Organization for Hope, 20 operators from 7A.M.-3P.M. September 6 Family Preparedness Day, 9A.M.-1P.M. on the Court House Lawn. There was no Skywarn net with the bad weather we had. 50/50 was won by Joe kd8cil. Motion to close at 8:42P.M. by Dick kc8vha and seconded by Hank k8dd.

Remember this helps out YOUR club and I'm glad we did not have to cancel Op. Care for this holiday. 73 & thanks everyone. Tom Oliver,(kd8eby), AEC Lapeer County, Mi; Coordinator- Lapeer County Operation Care.

to continue to volunteer. Their needs, abilities, and accomplishments determine the ultimate success or failure.

We must remember that volunteers are human beings with human needs, goals, attitudes, abilities, strengths and weaknesses. Since volunteers are the basic resource that we will be working with, it will be to our advantage to get to know each other as well as possible. Generally, volunteers will do precisely what they are asked to do - no more - no less. As each individual has his own likes and dislikes, it maybe necessary to demonstrate the full value of some assignments which are important though unpopular. Volunteers must believe in what you are asking them to do is really needed. Volunteers don't like to be underutilized, and tend to disappear when kept cooling their heels for a significant length of time. They will work for long hours under the worst conditions as long as they can see the need for it. Most will do anything you ask as long as they're treated properly. If you mistreat or abuse them, they may not volunteer their help again.

It would be physically impossible to discuss in this article every possible reason why people join a volunteer group. Generally speaking, they volunteer and join to satisfy a personal need. The majority of your volunteers though joined out of a need they have to serve the public or hobby in

a way they best know how: as communicators. These are the volunteers you should direct your efforts toward. You've got to find out what their needs are before you can attempt to satisfy these. In short, the best way to find out why your members volunteered is to ask them!

As volunteers they have a right to expect courteous, considerate, fair and impartial treatment from the leadership. Courtesy is always in order; rudeness will cost us dearly. In addition to learning and compensating for their weaknesses and being tolerant of their faults, you must also consider their feelings. Don't forget that you are taking precious time from their families. They also have the right to expect you to make a reasonable effort to learn and apply the skills and techniques of communications management. You will be expected to make mistakes -- admit them openly, and learn from them as you grow into your new role. You will also be expected to keep them

informed as to what is happening and why. Unfortunately, some members will expect much more of you than they have a right to expect, and often more than you can do. They may expect you to change situations over which you have no control, force other volunteers to change their habits, provide them with privileged treatment or status, fire a useful assistant because they happen to dislike him, or other equally inappropriate actions. In short, they will tend to forget that you deserve the same treatment from them that they expect from you. Each member has different job demands and family requirements, as well as other outside interests.

John D. Meyers, NB4K  
Great Lakes Division  
Division Legislative Action Chairman

## Upcoming Swaps...And Events...

### **Lapeer Swap & Shop August 17**

### **Volunteer Exam Session**

The next ARRL Volunteer Exam (VE) session will be May 10, 2008 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 NOT NECESSARY for all sessions during 2008!

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

Dates for 2008 include:

Jul 12, Aug 9, Sep 13, Oct 11, Nov 08, Dec 13

For further information call Bob Herbert, K8WMW, at 982-1561



*With September just around the corner, the Lapeer County Office of Emergency Management would like to remind citizens how important personal preparedness is to surviving a major emergency or disaster in our community.*

*I would hope that each of you take a look back at the tornadoes that hit the Hadley area last year and take that as a warning that our community is NOT immune to potential disasters.*

*Please take a moment and check out our website at [www.lapeercountyemd.org](http://www.lapeercountyemd.org) or the [www.ready.gov](http://www.ready.gov) to get a lot of helpful tools to help you better prepare yourselves, family and pets.*

**ALSO WATCH FOR MORE INFORMATION COMING ON THIS YEAR'S 3RD ANNUAL FAMILY PREPAREDNESS DAY COMING SATURDAY, SEPTEMBER 6TH FROM 9AM - 1PM ON THE HISTORIC COURTHOUSE LAWN!**

Mary Stikeleather

**Lapeer County Amateur Radio Association**

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

**Officers**

President, Bob Beswetherick, N8NE . 810-653-3856  
Secretary, Flo Haack KC8CAB ..... 810-793-2606

Vice-Pres., Chris Azelton, KC8TWL..810-245-0073  
Treasurer, Bill Miller, KD8VP.....810-797-5329

**Committees & Appointees.**

Club Founder.....Hollis Hayes, W8ACD  
Club Historian.....Charlie Whipp, KC8JBK  
Skywarn Coordinator.....Pete Headrick KB8RSG  
Field Day Chairman.....Bill Miller, KD8VP  
Two Meter Net Mgr.....Charlie Whipp, KC8JBK  
Public Information Officer.....**It could be you!**

Club Call TrusteeW8LAP.....Bill Miller, KD8VP  
VE Coordinator.....Al Wilson, N8NPR  
Swap & Shop Chairperson.....Bill Miller, KD8VP  
Meeting Refreshments.....Bill Miller, KD8VP  
Newsletter Editor.....Hank Kohl, K8DD

**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 file to k8dd@arrl.net The deadline for submissions is the 20th of each month.

This area is for the article that you were going to write!

## For Sale For Sale For Sale For Sale:

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

### **For Sale**

West Mountain Rigblaster Plus – brand new. \$100

HW-8 Handbook—covers HW-7, 8 & 9 \$15

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

From the estate of N8CQA:

Central Electronics 10B \$130

Central Electronics 20A \$130

One VFO's for above \$75 ea

30M two transistor transmitter in a Hershey cocoa can \$15

All offers will be listened to!

Contact Hank K8DD at [k8dd@k8dd.com](mailto:k8dd@k8dd.com) or 810-721-0708

I have some radios for sale.

Icom 706 m2g w/ high sierra screwdriver ant 900.00

Icom 2800 dual band can cross band 300.00

Tentec Pegasus HF 500.00

mj antenna tuner 949e 150.00

mj ant analyzer 150.00

astron power supply RS50M 200.00

thanks

ken n8ata (kc8nle)

[KWilson115@aol.com](mailto:KWilson115@aol.com)

### **FOR SALE:**

**Gap Titan 80-10M** vertical antenna I need to get out of the garage. This is a \$400- antenna, asking \$100- firm.

**Realistic PRO-2011** -- VHF/UHF base scanner, model 20-118, 20ch memory, has scan and lock-out, LCD display, silver plated teflon BNC antenna jack installed, built-in power supply 110V direct, freq range: 30-54 138-174 380-512MHz (verified all 3 bands work on RX), no antenna, no manual provided but the 2011 is very easy to use and instruction manual can easily be found online; \$30-

**DMM** -- Bel MERIT DM-3050 digital multi-meter, big LCD display, reads to 1000V and 20A max, does transistors-caps-freq, has continuity beeper, have original manual and test leads, great condition, clean, stored in-house in a drawer; \$25-

**Bencher BY-2** -- iambic paddles, chrome base, clear plastic finger stocks, for sending clean fast morse code (CW), have original box and manual; \$100-

**Kenwood MC-57DM** -- Kenwood's DTMF full-feature microphone, uses the 8-pin round connector, up/down buttons, lock, new in box with manual; \$60-

**Astron SS-30** -- rated for 25A continuous, 30A max, a switching power supply, small at only 3-3/4 x 7 x 9-5/8", has cooling fan, comes with A/C power cord; \$100-

**Power Supply** -- pulled from lab-grade test equipment, great stable switching DC power supply, originally for test equipment, serious heat-sink fins, adjustable from about 12-16 VDC, rated a solid 16A RMS, plenty of power for any 2M or dual-band mobile, can run solid-state HF rigs to 75W, you wire it up; uber-cheap at \$25-.

**Kenwood ARCP-2000** -- software controller for the TS-2000 series radios, comes with two CD's and the cable; \$60-

**Kenwood TM-V7** -- 2M/440 dual-band dual-display mobile, the "cool blue" radio, 50W 2M, 35W 440, built-in duplexer, tone encode and decode, many bells and whistles, has one thin dot-matrix vertical display line out on the right side which does not affect readability or usability, everything works, this was my in-house kitchen radio and not a mobile, comes with the stock DTMF microphone (hole modification performed) manual and original box; \$200- or partial trade?

**Philips Trench MOS FET** -- BUK9508 55A N-channel enhancement mode FET transistors, 55 Vds at 125 A (Id), TO220AB case, have 30 of them in an anti-static sleeve, eBay sells for \$2.55 apiece; Buy the whole sleeve for \$20-.

**Optimus 33-3021** -- Uni-Directional Microphone, black, on/off switch, cord; \$20.

**ElectroVoice 634A** -- microphone, short cable; \$5.

**Archer Video Selector** -- Radio Shack Cat# 15-1261, has 7 F-connectors on the back, couple switched up front; \$5.

**Archer Special Effects Switcher** -- Radio Shack Cat# 15-1274, 110V; \$5.  
**Micronta Power Supply** -- Radio Shack Cat# 22-124, 12VDC, 2.5A, manual; \$10.  
**Realistic WX Radio** -- Radio Shack Cat# 12-156, pocket weather radio, built-in telescopic antenna; \$10.  
**BUD Filter LF-601** -- variable low-pass filter, SO-239 PL-type connectors, 5 adjusters; \$20.  
**Meissner 15-7510** -- "Wave Trap" (filter), 6Mc to 13Mc, for ladderline; \$10.  
**Optimus AM/FM** -- Radio Shack Cat# 12-794, pocket radio, works; \$5.  
**Adaptor** -- RCA-style to PL style (SO-239), have a few; \$1.  
**Dummy Load** -- "twin tower" dual massive ceramic resistors, looks like 50W+ easy; \$15.  
**NEC Computer Monitor** -- model XV17+, 17" color, works; \$50.  
**1N3085** -- huge 100V 150A recovery diodes, have one left; \$10/each.  
**CB Antenna** -- about 26" long, base loaded, base load is tunable w/2 adjustment rings, 3/8" style mount; \$5.  
**Cell Phone Mobile Power Cord** -- for cell phone with 4.8V battery, DC coaxial plug on phone end; \$5.  
**Wall Warts** -- various voltages, email with needs; \$2 to \$5.  
**Duckies** -- UHF duck about 6" with BNC, \$5; dual band 2M/440 "Icom" style about 6" with BNC, \$15; 11 Meter black rubber duck with right angle PL259, \$5.  
**K-40 10/11M Whip** -- 4' fiberglass, black, tunable, substitute for original K-40 stainless whip & base load, no mount or coax just the antenna; \$5.  
**K40** -- 10/11M base-loaded antenna with SS whip, no base for it just antenna; \$5.  
**Regency CB-501** -- 40 ch CB radio, with mic, "as is"; \$5.

All larger items are LOCAL PICK-UP ONLY! Shipping is extra.  
Contact Arpad, WY8M at: [wy8m@arrl.net](mailto:wy8m@arrl.net)

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**Be Radio-Active  
Participate**

**And now ..... One way to find where the DX is operating!**

### ***Dx Packet Cluster***

The **WA8DX** Spider Packet Cluster node is available on **144.970**. At present **WA8DX** is receiving DX info via K8SMC in Jackson or N8NM in Waterford.

This is a tool you can use to build your DXCC total, see where people are working stations on both HF and VHF, and even pass messages.

Use your TNC to connect in the command mode and use **C WA8DX** as the command. Once connected you will get a welcome screen that asks for info. You should start to see DX spots right away.

You can also connect via the internet. Telnet to **wa8dx.servebeer.com** port **7300**

Although you can stay connected indefinitely, if you decide to disconnect, type **b** or **bye** and you will be logged out.

You can view an online version of a users manual at: [www.wd1l.net/DXSpider/usermanual\\_en.html](http://www.wd1l.net/DXSpider/usermanual_en.html)

***Remember...DX Is!***

## N2CQ QRP CONTEST CALENDAR

Adventure Radio Spartan Sprint (CW) ... QRP Event!

Jul 8, 0100z to 0300z (First Monday 9 PM EDT)

Info: <http://arsqrp.pbwiki.com/Spartan+Sprints>

Summer FOX Hunt - QRP 20M CW

EDT: Tue Jul 8. 9 PM to 1029 PM

UTC: Wed Jul 9, 0100z to 0229z Info: <http://www.qrpfoxhunt.org/>

FISTS Summer Sprint (CW) ... QRP Category

Jul 11, 2000 EDT to 2400 EDT

Rules: <http://www.fists.org/sprints.html>

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

Jul 12, 1200z to Jul 13, 1200z

Rules: <http://www.arrl.org/contests/rules/2008/iaru.html>

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

Jul 13, 2000z to 2359z

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

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

Jul 13, 0000z to 2359z

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

Summer FOX Hunt - QRP 20M CW

EDT: Tue Jul 15. 9 PM to 1029 PM

UTC: Wed Jul 16, 0100z to 0229z Info: <http://www.qrpfoxhunt.org/>

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

EDT: Jul 16, 8:30 PM to 10:30 PM

UTC: Jul 17, 0030z to 0230z

Rules: <http://www.arm-tek.net/~yoel/contests.html>

VK/trans-Tasman Contests (160m CW) ... QRP Category

Jul 19, 0900z to 1300z

Rules: <http://home.iprimus.com.au/vktasman/RULES.HTM>

North American QSO Party (RTTY) /QRP Entries Noted

Jul 19, 1800Z to Jul 20, 0600Z

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

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

Jul 19, 1800z to Jul 20, 2100z

Rules: <http://www.cq-amateur-radio.com/awards.html>

RSGB Low Power Field Day (CW) ...QRP Contest!

Jul 20, 0900z to 1200z Jul 20, 1300z to 1600z Rules:

<http://www.vhfcc.org/hfcc/calendar07.shtml>

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

July 20, 2000z to 2159z Rules: <http://www.cqc.org/contests/gold2008.htm>

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

EDT: Jul 20, 9 PM to 11 PM

UTC: Jul 21, 0100z 0300z

Rules: <http://fpqrp.net:80/fpqrpapun.php>

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

Jul 23, 0000z to 0200z

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

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Summer FOX Hunt - QRP 20M CW  
EDT: Tue Jul 22. 9 PM to 1029 PM  
UTC: Wed Jul 23, 0100z to 0229z Info: <http://www.qrpfoxhunt.org/>  
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MQFD Monthly Sprint (CW/PH/Digital) \*\*\* QRP Contest \*\*\*  
Jul 26, 1800z to 2200z  
Rules: <http://w2agn.net/mqfdsprint.html>  
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Islands On The Air Contest (CW/SSB) ... QRP Category  
Jul 26, 1200z to Jul 27, 1200z  
Rules: <http://www.vhfcc.org/hfcc/calendar07.shtml>  
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Flight of the Bumblebees (CW) ... QRP Contest!  
EDT: Jul 27, 1300 to 1700  
UTC: Jul 27, 1700z to 2100z  
Rules: <http://arsgrp.pbwiki.com/Flight+of+the+Bumblebees>  
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Summer FOX Hunt - QRP 20M CW  
EDT: Tue Jul 29. 9 PM to 1029 PM  
UTC: Wed Jul 30, 0100z to 0229z Info: <http://www.qrpfoxhunt.org/>  
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QRP BARBERSHOP QUARTET CONTEST (CW QRP)... QRP Contest!  
Jul 30, 9PM to 11PM EDT Rules: [http://www.io.com/~n5fc/barbershop\\_contest.htm](http://www.io.com/~n5fc/barbershop_contest.htm)  
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Thanks to SM3CER, WA7BNM, N0AX(ARRL), VA3JFF & G4GXL (QRPARCI),  
WB3AAL (EPAQRP) and others for assistance in compiling this calendar.

N2CQ QRP Contest Calendar Links:  
<http://www.n3epa.org/Pages/Contest/contest.htm>  
<http://www.qrparci.org/content/view/6134/130/lang,en/>  
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## 2007-2008 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