

# Waveguide

**W8LAP / r**

146.620 - 100 Hz  
442.750 + 123 Hz

**Lapeer County Amateur Radio Association**

Club Founder: Hollis Hayes W8ACD

Edition for **April 2011**

***\*\*The next regular club meeting will be held on  
Tuesday, April 12, 2011 @ 7:30 pm\*\****

## ARES Repeater Nets

*Every Monday at 9:00 pm on 146.620 - with 100 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*

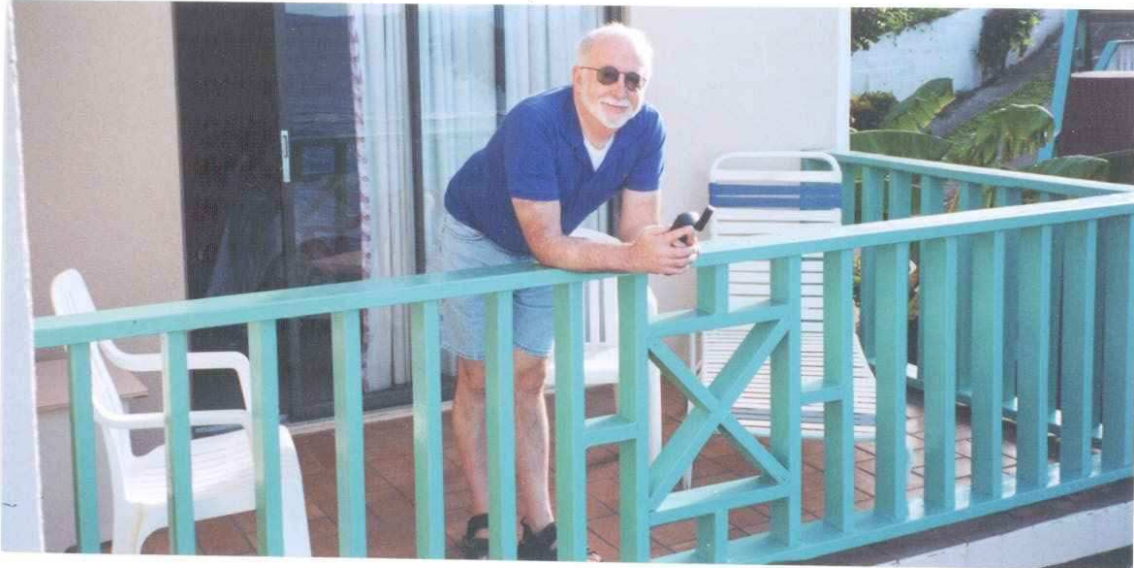
## Newsletter

*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*

*Join us to celebrate the Life of Henry Richard Kohl.  
"Alias Hank, K8DD or Duck"*



*Bring a special story or memory of Hank to share with everyone or  
with a few. Stay the entire time or just stop in to visit.  
Have a drink and share a bite to eat.*

*April 9<sup>th</sup> 2011*

*From 2-5*

*The Thomas Edison Inn*

*500 Edison Parkway*

*Port Huron, MI*

*48060*

*Tel: 810-984-8000*

*Toll free 800-451-7991*

*[www.thomasedisoninn.com](http://www.thomasedisoninn.com)*

*Please let us know that you are coming by March 25<sup>th</sup> 2011.*

*Tel. 810-721-0708*

*Email Kathie at: [kathiekohl@gmail.com](mailto:kathiekohl@gmail.com)*

*Or email Stan Arnett at: [ac8w@arrl.net](mailto:ac8w@arrl.net)*

A block of rooms have been reserved for those who have a long drive and would like to spend the night at the Inn.

When you call to book your room just mention Hank's name.

# ***ALERT – Action Required !!!***

As you may have read, Rep. Peter King (R-NY) has introduced the "Broadband for First Responders Act of 2011" and the bill has been assigned HR 607 as its number. The full story about the Bill's introduction can be found on the ARRL web at

<http://www.arrl.org/news/spectrum-management-bill-threatens-amateur-frequencies>

As you will read, while the ARRL supports spectrum for the Public Safety needs, we oppose HR 607 in its current form because of the inclusion of the 420-440 MHz spectrum (most of the Amateur 70-cm UHF allocation) as part of a spectrum swap.

At the request of ARRL President Kay Craigie, N3KN, we are asking ARRL members to contact their local Representative asking them to oppose HR 607 in its current form. Members should be directed to <http://www.arrl.org/sample-letters> for resources tools to assist them in their letter writing. These include:

- A sample letter opposing HR 607 in its current form
- A link to the ARRL Webpage that gives the ARRL member the contact information for their Members of Congress
- A link to information sending their letters to our Washington lobbyist to hand-deliver to Capitol Hill

A couple of key points to remember when discussing our opposition to HR 607:

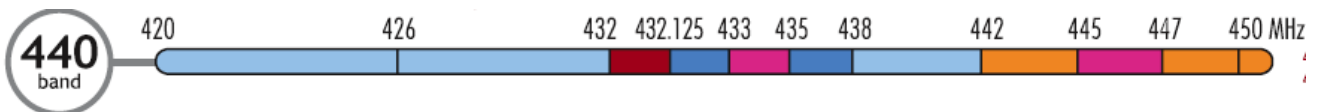
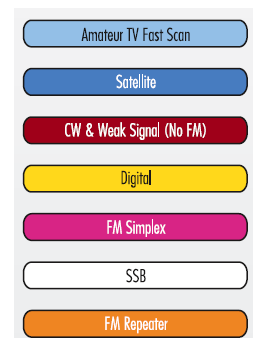
We understand and support the principle that Public Safety and First responders should have the D-Block frequencies. Our opposition to the bill stems from the inclusion of the 420-440 MHz Amateur allocation as part of the proposed "frequency swap".

Time is of the essence on this request, as the bill is gathering steam in Congress. So please make your membership contacts as soon as possible. Finally, please include my address [n1nd@arrl.org](mailto:n1nd@arrl.org) in what you distribute to the ARRL membership (for our records here at HQ.)

Thanks for stepping up to the plate to assist with the direct threat to our Amateur Radio spectrum. What you bring to the table helps us keep this ship heading in the right direction. Please contact me if you have any problems or questions with this request.

73

Dan Henderson, N1ND  
Regulatory Information Manager  
ARRL, the national association for Amateur Radio



## *Editorial Section*

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### **The President Sez:**

Well I don't know what exactly happened, but the Waveguide seemed to fill up a lot this month with information from all over the place. I guess that's a good problem.

I recently had the opportunity to take an awareness class entitled "Critical Infrastructure & Key Resources". It was interesting to see how the federal government has 18 different categories of critical infrastructure - such as water, power, agriculture to name a few. They have all of the committees at the state and federal level talking to each other in every possible direction to make sure everybody knows everything. It was interesting.

Don't forget that we have Skywarn training coming up before the next club meeting. Hope to see you there.

Kevin Boxey KB8TAR

### **The Treasurer Sez:**

Greetings to everyone. Spring has sprung and the worst of winter is over. The same thing goes for our treasury. The book balances. The two insurance policies are paid along with all the bills. All is good.

The insurance policies constitute one of our largest single expenses for maintaining our club. Ok, that said now comes the sales pitch. Operation Care at the rest area, every holiday weekend is what pays for our expenses and keeps your dues at unheard of level. If it wasn't for that and some income from the Swap and Shop, we would not be able to maintain the club and the repeaters. Your dues would not do the job. So PLEASE keep a few hours open on the holidays to help out your club. I look forward to seeing you all at the next meeting.

Respectfully William Miller KD8VP Treasurer

### **The EC Sez:**

EC Says,- Not much now, just announcements. March 28@ 9am CN railroad id having a safety class (free) at the Pix theater downtown Lapeer. Hope to see some of you there. March 31 is Skywarn training, 7-9pm at Lapeer East H.S. April starts the tornado siren testing on the first Saturday of the month at 1pm at which time I'll be testing the LiTZ tones (if I remember). And finally help is needed for the March of Dimes Babies Walk on April 23 at Rowden park. David Hoffman (kd8fvo) with the county CERT team will be coordinating(thanks, Dave). Please contact him at [kingdom1@charter.net](mailto:kingdom1@charter.net) if you can assist. See everyone on the 12th at the club meeting.

TOM



## The Trustee Sez:

Good evening to everyone. As I write this report, I am still catching up from my vacation time away. First I want to thank the assistant control officers that step up to keep an eye on the repeaters while I was gone. Since it was still working when I got back and the FCC wasn't camped on my door step, I must say you did a very good job. Thank You.

Last month before I left I did a check on the output and the SWR of the 440 repeater system. This was in follow up of a report that it did not seem to working as well out on the fringes. I think I told you that things were not as good as I expected. Well at the upcoming meeting April 12, 2011, I will approach the club about what they want to do about investigating more thoroughly. More info to follow.

Thank you and 73  
Bill Miller KD8VP trustee

## The Secretary Sez:

The meeting was called to order at 7:30 with the Pledge of Allegiance to the Flag and introduction of members and guest. There was no hospital report. A new ham was present kd8pns, Robert. Minutes was read by Flo, kc8cab. Minutes was accepted by Tom, kd8eby. There was no Treasurers or Trustees report. The EC report was given by Tom, kd8eby. No update for SET. Skywarn is March 31 at 7 P.M. at Lapeer East High School. Operation Care for Memorial weekend is May 27, 28, 29, 30. The Tornado siren will be checked the first Saturday from April to October. Communication AEC report was given by Joe, kd8cil. The packet antenna and coax is in Bay City. They are supposed to be brought down. Joe wants to find out what they really want at the ambulance service. Vice President report was given by Chris, kc8twl. Hanks memorial is April 9th at Thomas Edison Inn, 500 Thomas Edison Parkway, Port Huron. Break was from 8:05 to 8:19. A presentation was given by Kevin, kb8tar on how to use packet radio. The club got a letter from Lowell about Hans Jens donation. A motion was made to wait till the next meeting to discuss it by Mike, kn8z and seconded by Joe, kd8cil. A motion was made by Jamie, kc8pmw and seconded by Tom, kd8eby to close the meeting at 8:45.

Flo KC8CAB



***Reminder: Sign up early for your Operation CARE shift for this coming Memorial Day weekend***



## *Skywarn Class*

*March 31, 2011*

*7:00 - 9:00 pm*

*Lapeer East High School  
Auditorium*

*Don't forget to join  
your fellow hams on  
the Monday night  
net at 9:00 pm on  
146.620 - with 100  
Hz PL*

### Monday ARES Net Control Schedule

Jan 3RD 2011 Tom KD8EBY  
Jan 10TH 2011 Charlie KC8JBK  
Jan 17TH 2011 Dan KC1BUD  
Jan 24TH 2011 Deb KD8GAV  
Jan 31ST 2011 Kevin KB8TAR  
Feb 7TH 2011 Tom KD8EBY  
Feb 14TH 2011 Charlie KC8JBK  
Feb 21ST 2011 Dan KC1BUD  
Feb 28TH 2011 Deb KD8GAV  
March 7TH 2011 Kevin KB8TAR  
March 14TH 2011 Tom KD8EBY  
March 21ST 2011 Charlie KC8JBK  
March 28TH 2011 Dan KC1BUD  
April 4TH 2011 Deb KD8GAV  
April 11TH 2011 Kevin KB8TAR  
April 18TH 2011 Tom KD8EBY  
April 25TH 2011 Charlie KC8JBK  
May 2ND 2011 Dan KC1BUD  
May 9TH 2011 Deb KD8GAV  
May 16TH 2011 Kevin KB8TAR  
May 23RD 2011 Tom KD8EBY  
May 30TH 2011 Charlie KC8JBK  
June 6TH 2011 Dan KC1BUD  
June 13TH 2011 Deb KD8GAV  
June 20TH 2011 Kevin KB8TAR  
June 27TH 2011 Tom KD8EBY



## Community Service Calendar



**HELP  
NEEDED!!**

**Lapeer March of Dimes Walk - 30 April 2011**

LDS Preparedness Fair - 21 May 2011

Operation CARE - 27, 28, 29, & 30 May

Big Fish Triathlon (Ortonville) - 19 June 2011

Lapeer County SET - 3<sup>rd</sup> week in June

Field Day - 25 - 26 June 2011

Tri for Life Triathlon (Otter Lake) - 17 July 2011

Imlay City Blueberry Run - 06 Aug 2011 (TBC)

CRIM - 27 Aug 2011

Family Preparedness Day - 10 Sept 2011 (TBC)

***\*\*\*Please keep these dates open in your calendar\*\*\****

### 2011 LDS Church Emergency Preparedness Fair

The club will once again be present at the LDS church preparedness fair this year. Please join us from 1 - 4 pm on 21 May and represent your club and hobby. The church is located on Oregon road just west of Millville (on the north side) in Lapeer.

#### 2011 EMERGENCY PREPAREDNESS FAIR PARTICIPANTS

1. ALTERNATIVE COOKING METHODS KIM MEASEL
2. EMERGENCY CHILDBIRTH ELAINE BOURRET
3. LAPEER COUNTY HEALTH DEPT. INFORMATIONAL DISPLAY
4. STATE MAPS PROVIDED BY STATE REPRESENTATIVE KEVIN DALEY
5. TOUCH for health and home REMEDIES JOY KORTAS
6. AFTER-FAIR CLEAN UP BURTON WARD
7. PRIZES AND PRIZE BOOTH CLARKSTON WARD
8. CAR KITS AND AUTO PREPAREDNESS JAMES LOOMIS
9. MEDICINES DURING CRISIS CLARKSTON WARD
10. SHELTERS IN PLACE LAPEER COUNTY C.E.R.T.
11. GARDENING/SMALL SPACE GARDENING ROCHESTER WARD
12. CANNING AND HOME FOOD STORAGE MICHELE SHINEDLING
13. PERSONAL PROTECTION PREPAREDNESS TIM LEGENDRE
14. FINANCIAL PREPAREDNESS JERRY AND ANNEMARIE NORTON
15. RED CROSS BLOOD DRIVE SAL AUSELIO
16. HELP FOR RED CROSS BLOOD DRIVE GRAND BLANC WARD
17. LAPEER COUNTY SHERIFF'S DEPT KID/ELDERLY I.D. KIT IRIS SCANS
18. LAPEER COUNTY AMATEUR RADIO KEVIN BOXEY
19. HEART ATTACK PREPAREDNESS FENTON WARD
20. SHELF RELIANCE RENEE DUDLEY AND RAIGON HOYT
21. WATER STORAGE AND PURIFICATION ROMEO BRANCH
22. 72 HOUR KITS THE SKOUSEN FAMILY
23. PERSONAL DOCUMENT BINDERS CARI WEAVER
24. FAMILY EMERGENCY PLANS FENTON WARD
25. HOMEMADE LAUNDRY/OTHER SOAPS BLUE WATER WARD
26. WILLS/ESTATES/POWERS OF ATTORNEYS ROCHESTER WARD
27. WHEAT/SEED SPROUTING BLUE WATER WARD
28. DOUBLE BARREL STOVE TIM LEGENDRE
29. FLYERS FOR FAIR ANNE BURNS
30. FAIR GREETERS/BREAKS LDS MISSIONARIES



Our district is asking for our help. Please volunteer and help our fellow district counties in support of their community service events.



Midland:

MS Walk April 30.

At Central Middle School. From 8:30 AM to Noon.

Contact John Wolters at [w8qn@arri.net](mailto:w8qn@arri.net)

Dow Run June 4.

Contact John Wolters at [w8qn@arri.net](mailto:w8qn@arri.net)

Saginaw:

Covenant Hospital 1/2 Marathon April 10 6:30 AM To Noon.

12 to 15 operators being requested at this time.

Contact Ron Huss at: [kc8yvf@rhuss.cncfamily.com](mailto:kc8yvf@rhuss.cncfamily.com)

Frankenmuth MS Walk May 14 8:00 AM to Noon

Contact Emmett Bengry at: [w8eab@arri.net](mailto:w8eab@arri.net)

Run for Windy (Swan Valley High School) May 15 9:00 AP to Noon.

Contact Dave Schneider at: [n8erl@arri.net](mailto:n8erl@arri.net)

Genesee

Crim Race. Aug. 27 (Flint) 5:30 AM

Any and all operator's that volunteers will be worked.

At this time contact Joe Tuscher at [jt14888@aol.com](mailto:jt14888@aol.com)

Hans Jens Donation for Youth:

The following page contains the entire text for the funding application letter from the youth amateur radio group located in Lowell near Grand Rapids. This letter was read in part at the March club meeting.





A.R.G.Y.L. (Amateur Radio Group of Youth in Lowell)

Donation Application Letter

The A.R.G.Y.L. Club is honored to submit this donation application letter to the Lapeer County Amateur Radio Association.

We would, first, like to give you some information about our club. It is a Lowell school-sponsored club and has been in existence for approximately eighteen years. Our club, with the K8LHS club callsign, is open to any licensed youth amateur radio operator. Students do not have to attend Lowell area schools to become members. They can also be a student at another school, a student at a charter school, or home-schooled. We have approximately twelve members in our club right now, but anticipate about five more joining when they complete a Technician licensing class being taught by our advisor: Al Eckman – WW8WW. We have our own website: [www.argyl.org](http://www.argyl.org) We are a 'Special Service Club'.

The A.R.G.Y.L. Club has been very active in the past, participating in the following contests: School-Club Round-up, VHF QSO Party, CQ Worldwide DX Contest, ARRL DX Contest, and the annual ARRL Field Day. In addition, we are involved with 'fox-hunting'.

Over the past several years we have participated, as amateur radio operators, in the Mackinac Island Bridge 50 Year Anniversary, 'activated' S. Manitou Island in conjunction with the Michigan DX Association, transmitted from the Gerald R Ford Museum in Grand Rapids in conjunction with the Michigan DX Association, transmitted from the USS Silversides submarine docked at the Great Lakes Naval Memorial and Museum in Muskegon, Michigan, and also 'activated' the Grand Haven Light House, also in conjunction with the Michigan DX Association.

We attempt to 'give back to the community' by being part of the 'Adopt-A-Highway' program offered by the Michigan Department of Transportation. Through this program we clean up trash on both sides of M-21, just west of Lowell, for a three-mile distance, three times per year. We are assisting a recently-licensed 5<sup>th</sup> grade teacher in preparation to offering 'amateur radio in the classroom'.

The club is actively involved in three fundraisers per year, one of which is the ARRL-approved ARGYL Hamfest scheduled for the first Saturday in April. This hamfest is completely planned, organized, and conducted by youth club members.

The ARGYL Club has two repeaters located at the base of a 50' tower located at Lowell High School, a 2-meter 'un-coordinated' repeater and a 440 MHz 'coordinated' repeater, both using the callsign of K8LHS. The ARGYL Club meets monthly on the 2 meter repeater.

For the past several years, our members have been invited to speak at the Dayton Hamvention Youth Forum by the Youth Forum's moderator, Carole Perry. Last year, members of our club volunteered to 'record' the Youth Forum using two cameras and a video switcher. DVD's of the event were made available, at no cost, to those in attendance that wanted them. We plan to do so again this year.

Our Advisor generally teaches at least one Technician licensing class each year to students that are interested in getting licensed.

We try to get students licensed without it costing them, or their parents, any money. With monies we have earned through our fundraisers, we purchase the study guides, and also pay for their licensing test, if they pass. Once they pass their licensing test, we purchase, for them, their first handheld radio. The only requirement to keeping the handheld radio is that they must remain an active member of the youth club for at least a year.

Our goal is to offer students the chance to get licensed in amateur radio, and to offer a well-rounded program for them once they are licensed.

If we were to receive a donation from the Lapeer County Amateur Radio Association we would use it to further the involvement of youth in the hobby and service of amateur radio. Monies would be used to purchase study guides, and training materials in an effort to make it more interesting for students during the time they are studying to get licensed. We could also use the donation to offer more 'modes of operation' than we can presently offer, after they get licensed.

We hope that this letter answers any questions you might have about our club. If there are any unanswered questions, feel free to contact our Advisor – Al Eckman – WW8WW, at 616-450-4332. He also receives e-mail at [al.eckman@comcast.net](mailto:al.eckman@comcast.net)

Thanks for thinking of us.

Ben Veltman – President

Chris Mokma – Vice President

Caleb Pratt - Treasurer

### **Announcement:**

Out District 3 EC, Joe Tuscher N8OSL, will be attending the April club meeting. Joe will be taking any questions you may have.

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### **MICHIGAN HAMFEST CALENDAR:**

- Lowell (ARGYL), April 2<sup>nd</sup> 8:00 am - noon, Lowell High School, 11700 Vergennes St.
- Milford, April 16<sup>th</sup> 8:00 am - 1:00 pm, Milford High School, 2380 Milford Road
- Cadillac, May 7<sup>th</sup> 8:00 am - noon, Cadillac Jr. High School, 500 Chestnut St.
- Hudsonville, June 4<sup>th</sup>
- Chelsea, June 5<sup>th</sup>
- Newberry, June 11<sup>th</sup>
- Midland, June 15<sup>th</sup>
- Monroe, June 16<sup>th</sup>
- Escanaba, August 6<sup>th</sup>
- Lapeer, August TBD

This is part 1 of an article submitted by KD8EOA. Part 2 will appear in May's Waveguide.

## **"The Big One"**

Most Emergency Communications (ECOM) activities in North America seem to place Amateur Radio in the background. In other words, the radio amateur plays the roll of emergency management volunteer with the access to radio communications being a value-added feature. Disasters in which Amateur Radio must step-in and fill a void left by a failed public safety or government telecommunications system are very rare. Most of us will spend a lifetime in Amateur Radio and never encounter an environment in which our services are necessary in this critical roll.

The nature of modern ECOM work is such that many radio amateurs assume they are well prepared when they participate in a local exercise, enjoy field day, and provide support for the occasional minor emergency, foot race, or similar event. While there is no doubt such activities provided worthwhile training; such activities can create a false sense of preparedness. Few of us really ask "am I properly trained and equipped to provide an efficient service in the event of a major disaster? " Worse yet, some have come to believe real ECOM capabilities are no longer needed.

Recent news coverage of the catastrophe in Japan has once again created the impression that the Internet is the ECOM "hero" of the day. Numerous articles have appeared on television news programs featuring the use of Skype, e-mail, and similar Internet services to connect families in North America with their loved ones in Japan. Undoubtedly, the average citizen assumes the Internet has survived the disaster just fine while overlooking the fact that nearly every example involves individuals far outside the actual disaster area.

In reality, a major earthquake, Tsunami, or similar devastating event would disrupt numerous "modern" telecommunications systems. It would also create a wide range of problematic challenges for the ECOM volunteer.

### **\*\*\* Gasoline**

Many radio amateurs assume they are well prepared when they have a portable generator to operate their equipment in the field. However, many Americans in the Eastern States discovered that access to gasoline was problematic during the "great blackout" of August, 2003. Without electricity, gasoline pumps at the corner garage do not work. Gasoline becomes a rather valuable commodity in a very short time.

A disaster plan should take into account shortages of gasoline and a temporary regulatory regime, which implements the rationing of gasoline. Amateur Radio will be rather far back in line behind government agencies, NGOs, hospitals, utilities, and other essential services, all of which will be demanding access to scarce fuel supplies.

The ability to operate with low power, renewable energy resources, and methods which minimize fuel requirements are preferable. For example, using a generator to periodically charge a bank of float cells used to operate a ten or twenty watt CW transceiver may conserve far more fuel that running a generator continuously to power a 100-watt SSB transceiver and computer.

***Part 2 to follow in the May edition of the Waveguide.....***

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## Stuff for Sale

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**David Gardner, Lapeer Mi**

810-441-5036

- Hygain 3 element tri-band (10, 15, 20) beam antenna #TH3MK4, new, short compression clamps, hardware, with manual
- Ham rotor set, CDR model HAM-M with manual
- CDR model HAM-II / CD44
- Heathkit transmitter model #DX100 with manual
- Rohn ginpole #EF-25-45
- Tubes, new & used stock

**Bob Torney, W8SNE**

810-798-8736

- Like new Yaesu FT-847 transceiver with desk microphone - \$600



**Bill Miller, KD8VP**

810-797-5329 or [kd8vp@juno.com](mailto:kd8vp@juno.com)

Ten Tec OMNI VI PLUS, Model 564 still in the original wrappings, never turned on, bought new in 2000 by a deceased ham and never taken out of the wrapper. \$750.00

Matching Ten Tec 961 power supply/speaker \$100.00

Heath Kit SA-2040 Kilowatt roller inductor tuner. Used \$150.00

MFJ Versatunner V 989C full kilowatt roller inductor tuner \$200.00

Ten Tec Model RX325 Amateur radio Receiver \$200.00

*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*

## 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: Chris Azelton KC8TWL, 810-245-0073  
Treasurer: Bill Miller KD8VP, 810-797-5329  
Secretary: Flo Haack KC8CAB, 810-793-2606

Committees and Appointees

Club Call Trustee W8LAP: Bill Miller KD8VP  
Repeater Assistants: KC1BUD, KD8CIL, KD8EBY, KD8EOA  
Skywarn Coordinator: Tom Oliver KD8EBY  
Swap & Shop Chairperson: Bill Miller KD8VP  
Meeting Refreshments: Bill Miller KD8VP  
Newsletter Editor: Kevin Boxey KB8TAR  
Field Day Chairman: Joe Medved KD8CIL  
Field Day Assistants: KD8EBY, KC1BUD, KB8TAR  
Net Manager: Charlie Whipp KC8JBK  
Testing Coordinator: **TBD**  
County EC: Tom Oliver KD8EBY  
County AEC: Joe Medved KD8CIL  
County AEC: Kevin Boxey KB8TAR

