

Waveguide

W8LAP / r

146.620 - 100 Hz

442.750 + 123 Hz

Lapeer County Amateur Radio Association

Club Founder: Hollis Hayes W8ACD

Edition for **June 2015**

***** The next regular club meeting will be held on Tuesday,
June 9th, 2015 @ 7:30 pm at Lapeer County EOC *****

ARES Net

Every Tuesday at 8:00 pm on 146.620 - with 100 Hz PL

(except club meeting nights)

Thursday Night Net

Every Thursday at 8:00 pm on 442.750 + with 123 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. The deadline for submission is the 20th of each month.

Website: <http://www.w8lap.com>

2015 2015 2015 2015 2015 2015 2015 2015 2015

June						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
	1	2 ARES net 146.620+ 100 Hz PL at 8 pm	3	4 ARES net 442.750+ 123 Hz PL at 8 pm	5 Lapeer County SET at 9:00 am	6  LTZ at 1:00 pm
-ARPSC @ 5:00 pm on 3.932 LSB -D3 net 145.31+ 131.8 Hz PL at 6:30 pm - D3 HF digital net 3.583 USB at 8:00 pm	8	9 LCARA club meeting 7:30 pm at the EOC	10	11 ARES net 442.750+ 123 Hz PL at 8 pm	12	13
-ARPSC @ 5:00 pm on 3.932 LSB -D3 net 145.31+ 131.8 Hz PL at 6:30 pm - D3 HF digital net 3.583 USB at 8:00 pm	15	16 ARES net 146.620+ 100 Hz PL at 8 pm	17	18 ARES net 442.750+ 123 Hz PL at 8 pm	19	20 -T&C
-ARPSC @ 5:00 pm on 3.932 LSB -D3 net 145.31+ 131.8 Hz PL at 6:30 pm - D3 HF digital net 3.583 USB at 8:00 pm	22	23 ARES net 146.620+ 100 Hz PL at 8 pm	24	25 ARES net 442.750+ 123 Hz PL at 8 pm	26	27 
28 	29	30 ARES net 146.620+ 100 Hz PL at 8 pm				
Phases of the moon: 2:○ 9:● 16:● 24:●						
Holidays and Observances: 21: Fathers' Day						

July						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
			1	2 ARES net 442.750+ 123 Hz PL at 8 pm	3 	4 
5 	6	7 ARES net 146.620+ 100 Hz PL at 8 pm	8	9 ARES net 442.750+ 123 Hz PL at 8 pm	10	11
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Phases of the moon: 1:○ 8:● 15:● 24:● 31:○						
Holidays and Observances: 3: 'Independence Day' observed, 4: Independence Day						

2015 2015 2015 2015 2015 2015 2015 2015 2015

Upcoming events

Software Defined Radio presentation by KD8TXW - With SDR# software radio signals across all bands can be recorded to Wav files with sampling rates up to 3.2 MHz. For many HF bands all frequencies in the band can be recorded simultaneously. The signals can then be replayed, filtered, demodulated and decoded."



Public Service Event Schedule



***** please keep these dates open in your calendar *****



Big Fish Triathlon - 31 May 2015

July 4th Op CARE - 03 to 05 July 2015

Atwood - 19 July 2015

Crim - 22 Aug 2015

Labor Day Op CARE - 04 to 07 Sept 2015



Editorial Section

The President Says:

Hello all,

I am anxiously waiting on the donation total report from Memorial Day Op CARE. Traffic was definitely up from the last few years and I hope the donations went up accordingly.

We have an interesting presentation lined up for June from Gordon, KD8TXW on SDR.

As I write this the Big Fish Triathlon event is tomorrow. We have a number of operators from outside the county volunteering - some all the way from Midland County. The spirit of cooperation throughout D3 seems to be healthy. I have a strong suspicion that many of these operators are returning the favor from those of us in Lapeer County that help out at their events. Whatever the reason I am very appreciative for all the operators that offer to work our community service events.

See you at the June meeting.
Kevin KB8TAR

The VP / EC Says:

Well, another May has passed with the first Op. Care out of the way. Thank you to those who came out to help with the cause.

We also had 2 spotter activations with the possibility of another as I type this.

The July Op. Care has been shortened to Friday, Saturday and Sunday only - registration page should be available the 1st week in June.

73 for now, TOM

The Treasurer Says:

Greetings to one and all.

This has been a very uneventful month. As of the end of the month there was no income, and the only expense was for the electric bill.

This being the beginning of our Operation Care schedule with the upcoming Memorial Day Operation Care. I have high hope that there will be enough volunteers to man the operation. Those volunteers are the mainstay of our existence and without them there would not be enough

income from dues to keep us supported. Therefore please find the time to help out with Op-Care. Thank you to those that do that.

So until next time 73 and thank you.

Respectfully submitted.
William Miller KD8VP treasurer

Editorial Section

The Trustee Says: This is a reprint from November 2014

Hello W8LAP Supporters:

There have been no issues that involve the trustee administration function, and no system malfunctions.

The Tech Team is in the process of attempting to get internet service to the repeater site. You'll get updates as they occur.

This month's Links:

Ham Radio on Jeopardy!

Jeopardy! has been on television for many decades. I remember watching it in the early 1970s. It was a favorite game show then, and has gained in popularity through the years. Only *Wheel of Fortune* has a larger fan base.

If one wants to know about the show, the first search hit comes up with the official site. This site presents details that highlight the program. These include facts about the host, program news, and the like. For the casual fan, this information is about all one needs.

<http://www.jeopardy.com/>

The hyper fan, however, needs more. This is where [J! Archive](#) fills the void. This site, created by *Jeopardy!* fans, contains over 269,000 clues and answers to each episode's *Jeopardy!*, *Double Jeopardy!*, and *Final Jeopardy!* rounds. Additionally, there is information about which contestant got the correct question, as well as quotes from Alex's and contestants' final round answers.

One valuable feature is that the database of clues and answers is searchable. One can enter "military," for instance, and see the date, category, and dollar amount for each instance of that word. In this case, "military" brought up around 1200 instances in clues or questions.

Well, this is a great way to lead into "Ham Radio," a subject dear to my heart. It turns out that Ham, Radio, Ham Radio, or Amateur Radio has been used less than twenty times since 1984 (the earliest program in the archive).

Since the number of instances is so low, I'll list the date, category, clue, and answer. The site has many other details that may interest you.

Date	Category	Clue	Question
2014-07-11	COMMUNICATION \$1600	This type of radio whose name tells you it uses a certain range of frequencies has a long range, making it useful on a ship	Shortwave radio
2011-12-15	PASTIMES \$800	The FCC assigns call signs, like N8DNK, to use in this hobby	Ham Radio
2010-10-07	FOOD WORDS \$400	An amateur radio operator, or a type of hog meat	ham
2004-06-03	COMMUNICATIONS \$400	On Sept. 15, 1921 the federal government issued the first of these licenses	A radio (broadcast) license
1999-02-10	HAM \$200	As ham radio fan Roger Mahoney holds this rank in Los Angeles, it must mean no ham on Fridays	Cardinal
1999-02-10	Ham \$400	If you'd like to talk to royalty, try calling JY1, this king of Jordan	King Hussein

Editorial Section

1999-02-10	HAM \$600	In addition to the car radio waves, he's heard on the ham band	Joe Walsh
1999-02-10	HAM \$800	The address for this ham radio operator's call sign, EA0JC, is Royal Palace, Madrid, Spain	King Juan Carlos
1999-02-10	Ham \$1000	Houston, we have a ham, this first American woman to walk in space	Kathryn Sullivan
1987-03-23	HOBBIES \$100	If someone refers to you by your call sign, such as K8IGW, your hobby is this	Ham Radio
2002-10-09	Final Jeopardy!	THE CENSUS: The 1930 U.S. Census was the first to ask if residents owned one of these & 12 million were counted	A radio
1997-11-05	"short" stuff \$200	"Hams" broadcast via this	Shortwave radio
2008-01-03	IF YOU'RE... \$800	...using a call sign like K8RX, you're engaged in this hobby	Amateur Radio
1996-01-18	POTPOURRI \$500	The fad involving this type of radio followed the oil embargo of 1973-74	CB (citizens' band) radio
2005-12-30	ON COMMISSIONS \$400	The Amateur Radio Service is part of this government agency, abbreviated the FCC	Federal Communications Commission

An interesting note is that the two Ham calls mentioned in the clues are owned by a couple who live in Bloomfield Hills, Michigan. These are the family of Stephen Dorfman, N6DIW (SK). Stephen was a writer for Jeopardy! from 1984 until he passed away in 2004 at age 48.

73 All,

Mike, KN8Z (kn8z at arrl.net)

Editorial Section

The Secretary Says:

Meeting Minutes May 12, 2015
Lapeer County Amateur Radio Association

Meeting called to order at 7:30 pm by President Kevin. There were 8 members and guests present.

Hospital Report: No one reported ill

Community Service Report: The Big Fish Triathlon on May 31. Volunteers need to be in position at 8:15 am. Contact Kevin KB8TAR to volunteer.

Operation Care Sign up is available via our W8LAP website. Please volunteer to keep this important function running.

Our unofficial August meeting will be held at Crampton Park. Our location in the park will be announced via our repeater by communication with the attendees.

Museum Ships weekend operating event is the weekend of June 6th. Contact all 5 stations located on the Great Lakes (K8M, K8S, K8H, K8E, and K8O) and you qualify for the Worked All Great Lakes Ships award.

April meeting minutes were approved by the members present.

The treasures report was approved by the members present.

The repeater trustee reported the repeaters were in good working order.

Old Business:

Bill KD8VP will attempt to see if the water, ice tea, and orange drink containers could be replaced reasonably. Since the containers were still functional, Bill would also see if a good cleaning would bring the current containers to a reasonable useful state.

On Line Amateur Radio License classes are available via <http://hamstudy.org>

Amateur Radio License Exams are available in our area and posted at www.arrl.org/find-an-amateur-radio-license-exam-session
Type in your zip code and ARRL section (MI) then click find

Gordon will present SDR Usage and Recordings at the June meeting.

The July presentation will be the newly released FT5ZM DXpedition video.

In September, Bill KD8VP will do a show and tell about the fox hunts the Lapeer Club used to have many years ago. For those of you who don't know what a fox hunt is, it's a hidden transmitter (the fox) and the hunt is done by hams using radio directional antennas and associated techniques. The first one to find the fox wins.

Ask Elmer:

The place to get replacement RJ45 clips is at the following website www.rjclip.com

Antennas, traps, and feed line uses captivated the members present and we ran out of time to hear the MIQP successes of the members who participated. We will have to reschedule this session. For more info on antenna traps and their use, go to

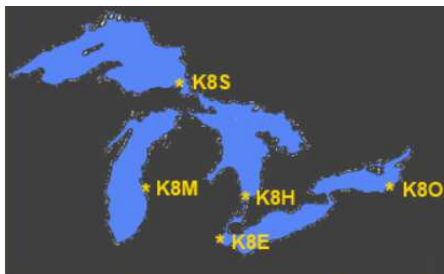
http://www.nrharc.org/Downloads/trapdipole80_40_17_12.pdf

<http://degood.org/coaxtrap/>

Meeting adjourned about 9:30 pm

Respectfully submitted. Lee N8LJ

Event announcement



Ships Amateur Radio Club **Museum Ships Weekend Special Event** **"Worked All Great Lakes"**

Museum Ships Weekend

June 6th (00:00Z)

thru

June 7th (23:59Z)

FREQUENCIES

SSB	CW
3860	3539
7260	7039
	10109
14260	14039
18160	18079
21360	21039
24960	24899
28360	28039



Lightship Huron: The Lightship Huron has been on the air many times in years past. This year will be no exception. The Lightship Huron will use the Call sign "K8H" and represents **Lake Huron** for the **WAGL** during Museum Ship Weekend.

Operators: The following Operators will be active getting the Huron on the air for Museum Ships Weekend. The ops are **AC8W**, **N8LJ**, and **NT8V**.



Ships Amateur Radio Club Operation Information for WAGL

Call Sign	Ship Name	Location	Great Lake
K8H	Lightship Huron	Port Huron Mi.	Lake Huron
K8E	SS Col. Schoonmaker	Toledo, Oh	Lake Erie
K8M	SS Milwaukee Clipper	Muskegon, Mi	Lake Michigan
K8S	SS Edmund Fitzgerald	Whitefish Point, Mi	Lake Superior
K8O	US Army LT-5 Tug Boat	Oswego, NY	Lake Ontario

Learn more at <http://ships-wagl.com/>

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Stuff for Sale

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*** Wanted Hustler 6BTV or 5BTV vertical antenna. ***

Lee
N8LJ

If you have something to sell please send an email with the details to kevinboxey@hotmail.com to be included in the Waveguide listing.



Don't forget to join your fellow hams on the LCARA nets

- *Tuesday night at 8:00 pm on 146.620 - with 100 Hz PL*
and
- *Thursday night at 8:00 pm on 442.750 + with 123 Hz PL*

2015 ARRL FIELD DAY

HAM RADIO)))

The most popular on-the-air operating event in
Amateur Radio. Gear up and get in on the action!

**Participate in your local
ARRL Field Day June 27-28, 2015
All are Invited!**

Field Day is always the fourth full weekend of June, beginning at 1800 UTC Saturday and running through 2059 UTC Sunday. Field Day 2015 is June 27-28.

Hamfest information

HAMFEST/CONVENTION

06/06/2015 | Independent Repeater Association (W8IRA/R) Hamfest

Location: Hudsonville, MI

Type: ARRL Hamfest

Sponsor: Independent Repeater Association

Website: <http://www.w8ira.org>

[Learn More](#)

HAMFEST/CONVENTION

06/07/2015 | Chelsea Radio Swap 'n Shop

Location: Chelsea, MI

Type: ARRL Hamfest

Sponsor: Chelsea Amateur Radio Club

Website: <http://www.wd8iel.com>

[Learn More](#)

HAMFEST/CONVENTION

06/13/2015 | 5th Annual LARS Hamfest

Location: Newberry, MI

Type: ARRL Hamfest

Sponsor: Luce Amateur Radio Society

Website: <http://www.w8nby.com>

[Learn More](#)

HAMFEST/CONVENTION

06/20/2015 | Midland Hamfest

Location: Midland, MI

Type: ARRL Hamfest

Sponsor: Midland Amateur Radio Club

Website: <http://w8kea.org/>

[Learn More](#)

HAMFEST/CONVENTION

06/21/2015 | Monroe Hamfest

Location: Monroe, MI

Type: ARRL Hamfest

Sponsor: Monroe County Radio Communications Association

Website: <http://www.mcrca.org>

[Learn More](#)

HAMFEST/CONVENTION

07/18/2015 | GM ARC Trunk Swap

Location: Shelby Township, MI

Type: ARRL Hamfest

Sponsor: GM Amateur Radio Club

Website: <http://www.gmarc.org>

[Learn More](#)

The Rochester Hamfest - **Saturday June 6, 2015**

Gates open 7 AM - *Rain or Shine*
Point your GPS to: 360 Maiden Ln. 14616

It's "Back to Basics" with everyone's annual favorite: The Rochester Hamfest.
Everything you want in a Hamfest is here: Good food, lots of fun, and a 16 acre flea market!

Only \$8.00 per person admission and \$10.00 per car to tailgate

- Youths under 16 admitted free with a paying adult
- Free VE Testing
- Back at Barnard with over 16 acres of flea market space
- Fantastic food
- Hourly door prizes
- 50/50 Raffle
- ... [and much, much more...](#)

See you there!

www.RochesterHamfest.com

Hamfest information



MONROE HAMFEST

and Computer Show

Father's Day - June 21, 2015

7:30am to 1:00pm - Set-up 6:30am Presented by:
The Monroe County Radio Communications Association

Monroe County Fairgrounds

M-50 at Raisinville Rd. (2 Miles west of Monroe)

FREE PARKING

Indoor Facilities / Trunk Sales

Computers and Equipment

Distributors / Hot Food

QSL Card checking by Stan Arnett AC8W

Over Night Camping \$25 (electric included)



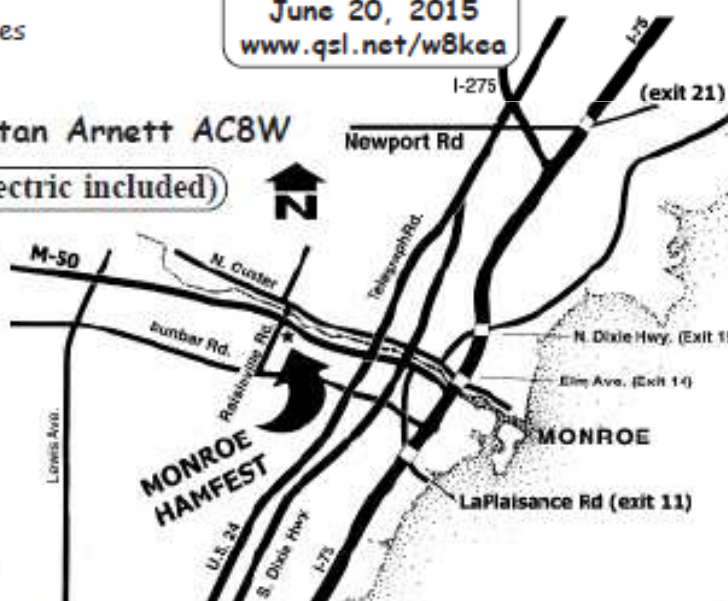
Tables indoor 8': \$15 each, does not include admission ticket. Electric available in all buildings, bring cords.

Trunk 8' Spaces: \$10 each, does not include admission ticket.

Tickets Advance \$6 each, come with 2 stubs for drawings.

Midland Swap
Midland, MI
Saturday
June 20, 2015
www.qsl.net/w8kea

Talk-in
146.72/12



Ticket, Trunk Sales, & Table Reservations online at: <http://www.mcrca.org>

Mail to: Fred VanDaele KA8EBI, 4 Carl Drive, Monroe, MI 48162, ka8ebi@yahoo.com

Name _____ Call _____ e-mail _____

Address _____ City _____ State _____ Zip _____

No. Tickets _____ No. Trunk Spaces _____ No. of Tables _____ Amount Enclosed _____

Advance Tickets \$6ea. with 2 stubs / 8 ft Trunk Spaces \$10 ea. / 8 ft Tables \$15 ea.

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: Tom Oliver KD8EBY, 810-247-3227
Treasurer: Bill Miller KD8VP, 810-797-5329
Secretary: Lee Dziekan N8LJ

Committees and Appointees

Club Call Trustee W8LAP: Mike Zedan KN8Z
Repeater technical team: Lee N8LJ & Will KB8YGA
Skywarn Coordinator: Tom Oliver KD8EBY
Meeting Refreshments: Bill Miller KD8VP
Newsletter Editor: Kevin Boxey KB8TAR
Net Manager: Tom Oliver KD8EBY
Testing Coordinator: **Volunteer needed**
County EC: Tom Oliver KD8EBY
County AEC: Kevin Boxey KB8TAR
County AEC: Joe Medved KD8CIL

