

Waveguide

W8LAP / r

146.620 - 100 Hz

442.750 + 123 Hz

Lapeer County Amateur Radio Association

Club Founder: Hollis Hayes W8ACD

Edition for **March 2014**

***** The next regular club meeting will be held on Tuesday,
March 11th, 2014 @ 7:30 pm *****

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>

Facebook: Lapeer County Amateur Radio Association

Editorial Section

The President Says:

The only thing I have is to point out we are having a presentation at the March club meeting. You are asked to bring your mesh node configured Linksys router equipment if you have it. If not, please bring a wifi capable laptop computer.

See you at the meeting.

Kevin KB8TAR

The VP/EC Says:

Nothing to report for March except the end of winter is almost here, HURAH! And although winter doesn't officially end until the 20th, Michigan's severe weather season starts on the 1st. Our club along with the CERT team will be sponsoring Skywarn training on April 17th at 7pm at Lapeer East High School. This year pre-registration is required and as soon as I get the start/stop dates I'll post the link.

73, see everyone at the club meeting on March 11th.

TOM

The Treasurer Says:

Greetings to one and all. I hope that you are making the most of this extended winter season. I don't remember having this much snow in February. I'm sure we have had, I just don't remember it. Usually I can get outside and do brush clean up and stuff related to antennas, but not this year. Oh well so be it.

I did start a project on the workbench to eliminate the phone line to the repeater shack, but it is not finished as of yet. I will probably have to have some expertise from the trustees, as I ran into a little snag. The goal is to eliminate that stupid, expensive phone line, and by golly I will do my best.

The treasury is just fine. We did not have any significant bills this month, just the usual phone and electric. I did get a notice that our ARRL equipment insurance will be coming due, but I won't pay that until later.

All is well! So I will see you at the next meeting in March.

Respectfully, Bill Miller KD8VP Treasurer

The Secretary Says:

The meeting was called to order at 7:30 with the Pledge of Allegiance to the Flag and introduction of members and guest. The secretary report was read by Flo, KC8CAB. It was accepted by Dick, KC8VHA and seconded by Jamie, KC8PMW. The treasurers report was read by Bill, KD8VP. It was accepted by Dick, KC8VHA and seconded by Lee, N8LJ. They are working on springtime for CMEN. They are working on a phone line for the repeater. The break was from 7:55 to 8:05. A presentation on YAAC APRS for custom map making. 50/50 was won by Flo, KC8CAB. The meeting was closed at 8:25 by Bill, KD8VP.

Flo KC8CAB

Editorial Section

The Trustee Says:

Hello W8LAP Supporters:

There were no actions in administering W8LAP, between January 20, 2014, and February 18, 2014. Additionally, there was no repair or maintenance activity at the repeater shack. The weather and snow precluded any approach of the repeater shack, except for emergencies.

Last Month's Site of the Month:

For an undetermined reason, the links posted in the previous Waveguide had additional characters added to the URL links. Here are the same links, with (hopefully) proper links:

<http://www.arvideonews.com/hrn/index.html>

http://arvideonews.com/dcc2011/2011_DCC_The_Village_Telco.html

<http://arvideonews.com/dcc2011/index.html>

http://tapr.org/pub_dcc32.html

This month's Site of the Month:

Instead of a specific site, this month's links are probably best described as miscellaneous. The subject is time/frequency measurement. According to Einstein's works, if you're talking about time, then space fits right in, so here goes...

At the most recent TAPR (Note 1) conference, the keynote presentation was given by Tom van Baak, an admitted time nut. Although not a Ham, Tom has all the traits of some Hams I've met, including infatuation with classic boat anchors, a house and car filled with gear, and desire to learn his chosen avocation to its deepest elements. So much so, in fact, that he made a trip to Mount Rainier with his kids, just to see if Einstein's theory about clocks being affected by gravity could be witnessed with Tom's personal gear. If you think you know about clocks and timing, you might find that there's more to the subject than appears at first glance. The presentation is part of Gary Pearce's (KN4AQ) Ham Radio Now series:

http://arvideonews.com/hrn/HRN_Episode_0130.html

Tom's web site is: <http://leapsecond.com/>

In the presentation, Tom mentions a YouTube video called "Powers of Ten." This short production was done in the 1970s to show what scaling by factors of 10 have on viewing the vastness of space, and the sub atomic realm.

<http://www.youtube.com/watch?v=OfKBhvDjuy0>

Here's another video that uses the same approach, narrated by Morgan Freeman:

<http://www.youtube.com/watch?v=qxXf7AJZ73A>


Note 1: <http://tapr.org/organization.html>

73 All,

Mike, KN8Z

2014 2014 2014 2014 2014 2014 2014 2014 2014

March						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2 -ARPSC @ 5:00 pm on 3.932 -D3 net 145.31+ 131.8 Hz PL at 6:30 pm	3	4 ARES net 146.620+ 100 Hz PL at 8 pm	5	6 ARES net 442.750+ 123 Hz PL at 8 pm	7	8
9 DST -ARPSC @ 5:00 pm on 3.932 -D3 net 145.31+ 131.8 Hz PL at 6:30 pm	10	11 LCARA club meeting 7:30 pm at the EOC	12	13 ARES net 442.750+ 123 Hz PL at 8 pm	14	15 SWAP - MARSHALL -T&C -GCRC license test Baker College, rm S-103 9:30 am
16 -ARPSC @ 5:00 pm on 3.932 -D3 net 145.31+ 131.8 Hz PL at 6:30 pm	17	18 ARES net 146.620+ 100 Hz PL at 8 pm	19	20 ARES net 442.750+ 123 Hz PL at 8 pm	21	22
23 -ARPSC @ 5:00 pm on 3.932 -D3 net 145.31+ 131.8 Hz PL at 6:30 pm	24	25 ARES net 146.620+ 100 Hz PL at 8 pm	26	27 ARES net 442.750+ 123 Hz PL at 8 pm	28	29
30 -ARPSC @ 5:00 pm on 3.932 -D3 net 145.31+ 131.8 Hz PL at 6:30 pm	31					
Phases of the moon: 1:● 8:● 16:○ 23:○ 30:●						

April						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1 ARES net 146.620+ 100 Hz PL at 8 pm	2	3 ARES net 442.750+ 123 Hz PL at 8 pm	4	5
6 -ARPSC @ 5:00 pm on 3.932 -D3 net 145.31+ 131.8 Hz PL at 6:30 pm	7	8 LCARA club meeting 7:30 pm at the EOC	9	10 ARES net 442.750+ 123 Hz PL at 8 pm	11	12 SWAP - MILFORD
13 -ARPSC @ 5:00 pm on 3.932 -D3 net 145.31+ 131.8 Hz PL at 6:30 pm	14	15 ARES net 146.620+ 100 Hz PL at 8 pm	16	 SKYWARN	18	19 -T&C
20 Happy Easter!	21	22 ARES net 146.620+ 100 Hz PL at 8 pm	23	24 ARES net 442.750+ 123 Hz PL at 8 pm	25	26
27 -ARPSC @ 5:00 pm on 3.932 -D3 net 145.31+ 131.8 Hz PL at 6:30 pm	28	29 ARES net 146.620+ 100 Hz PL at 8 pm	30			
Phases of the moon: 7:● 15:○ 22:● 29:●						
Holidays and Observances: 13: Thomas Jefferson's Birthday, 20: Easter Sunday						

2014 2014 2014 2014 2014 2014 2014 2014 2014

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Stuff for Sale

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

Public Service Event Schedule

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



Skywarn training - 17 April 2014

Memorial Day Op CARE - 23 to 26 May 2014 TBC

Big Fish Triathlon - 08 June 2014

July 4th Op CARE - 3 to 6 July 2014 TBC

Atwood race (Genesee) - 19 July 2014

Crim 10 mile race (Genesee) - 23 Aug 2014

Labor Day Op CARE - 29 Aug to 01 Sept 2014 TBC



MARCH MEETING PRESENTATION

We will have a presentation at the March club meeting on mesh nodes part 2 courtesy of KD8TXW. If you have a Linksys router configured as a mesh node you are asked to bring the setup with you to the meeting. For those of you without a mesh node please bring your computers anyway (they need wifi capability).



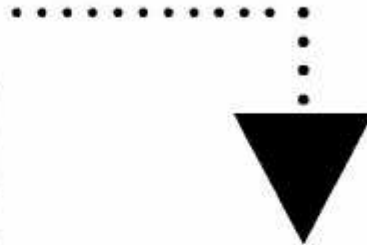
Don't forget to join your fellow hams on the LCARA nets

- **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

Announcement



2014 TORNADO SPOTTER TRAINING

April 17, 2014

7:00 p.m.

at

Lapeer East High School

933 Saginaw Street

FREE

Pre-Registration is required at:

www.LapeerSkywarn.org

For More Information on being a spotter check out: www.crh.noaa.gov/dbx/skywarn.htm

SPONSORED BY:

Lapeer County Amateur Radio Association
Lapeer CERT
National Weather Service-White Lake
Lapeer County Office of Emergency Management

NWS information

Location	Average January Temperature	Degrees Below Normal	January Rank
DTW	16.4 Degrees	9.2 Degrees	6 th Coldest
FNT	15.6 Degrees	6.8 Degrees	7 th Coldest
MBS	16.0 Degrees	6.2 Degrees	14 th Coldest

Location	Total January Snow	January Rank
DTW	39.1 inches	* Snowiest on Record
FNT	32.9 inches	** Snowiest on Record
MBS	15.6 inches	*** 20 th snowiest on Record

*This January was the snowiest month ever at Detroit.

**At Flint, this January was the second snowiest month ever (Dec 2000 is still this snowiest with 35.3 inches).

***Saginaw was on the northern fringe of the bigger snowstorms this January so they did not have as much snow as locations farther south.

2014 Spotter Reporting: A Review

When calling in a report please use the "TEL" system which stands for time, event, and location (county/city) of the event. The location of the event is very important to us. Please identify your location by giving us your county first so that we can narrow down your position, then by giving us your city and major nearby crossroads. If you are reporting wind speed or hail size, please remember to mention if the value was measured or estimated. If making a damage report, please reference the closest major intersection.

The list below outlines what information should be reported to aid our warning operations.

- Wind gusts over 40 mph
- Hail with a half inch diameter or larger (plain M&M or bigger)
- Funnel Clouds
- Tornadoes
- Waterspouts
- Rainfall rates of 1" per hour or more
- Significant flooding of rivers or streets
- All Post Storm Damage

Methods to report:

- Spotter Line: 800-808-0006
- County Net or Packet Radio
- Facebook www.facebook.com/US.NationalWeatherService.Detroit.gov
(Facebook is also great for submitting pictures to us)
- Twitter: <http://www.nws.noaa.gov/stormreports/>

Also keep in mind our hidden spotter page as a useful link: http://www.crh.noaa.gov/?n=spot_train

Hamfest information

54th Annual

Michigan Crossroads Hamfest & Radio Swap

Saturday, March 15, 2014

Marshall Activity Center (MAC)

15325 W. Michigan Avenue, Marshall, Michigan 49068

Sponsored by the Southern Michigan Amateur Radio Society



General Admission: Saturday, March 15th, 8:00 AM - 12:00 PM

\$5.00 admission fee at the door

Vendor table or 8' space rental \$10.00

Free parking

Door prizes

Amateur Radio Examinations (10:00 AM)

QSL Card-Checking

Talk-in: 146.660 MHz (-600 kHz offset) SMARS Repeater PL 94.8



For more information, visit our website <http://www.w8df.com>, contact Tom, WR8G, at (269) 962-8007 or via email at wr8g@arri.net. Alternate contact: Doc, K8OLY, at (269) 223-7141.

Registration Form

Name _____ Call Sign _____

Company _____

Email _____

Phone (____) ____ - _____

Address _____

City _____ State _____ Zip _____

Check boxes for: ☐ Electrical ☐ Wall Tables Preferred

If end-caps are desired, you must order 3, 5, 7, 9, 11 or 13 tables. There are a limited number of end caps available.

_____ Tables (8ft) at \$10.00 each = \$ _____

_____ Electrical \$15.00 \$ _____

Total amount enclosed \$ _____

To order, please send a copy of this form, check or Money Order payable to SMARS, and a SASE to:

SMARS
PO Box 934
Battle Creek, MI 49016

NOTE:

NO RESERVATION WITHOUT THIS FORM AND PAYMENT.

Table Reservations accepted until March 1, 2014

No advance ticket sales; please purchase your tickets at the door.

There is NO SMOKING in the building. Adult material and alcohol are prohibited.

Hamfest information



Dayton Hamvention® 2014
Makers... The Future of Ham Radio

May 16-18 2014

Milford Amateur Radio Club **Swap-N-Shop**



Saturday, April 12, 2014 - 8:00 AM - 12 Noon

Buy or Sell Amateur Radio Gear,
Computers, & Electronic Equipment

MILFORD HIGH SCHOOL

2380 South Milford Road

Highland, MI

(About 1 Mile North of Milford)

Tables: \$1.50 per Foot. Electrical Outlet: \$2.00

Food Concession & Door Prizes



Tickets: By Mail \$5.00 or \$6.00 at the Door.

Under 12 - FREE. Set-Up: After 3:30 PM Friday and 6:00 AM Saturday

For Information
Visit us Online at:

<http://www.qsl.net/w8ydk>

Talk-In: 145.490 - (67 Hz PL)
(N8BIT Repeater - White Lake)

146.52 Simplex - Back-Up Freq.

To Purchase Tickets, Tables
or More Information
CONTACT:

Rose Mary Moore
KC8NQJ
810-632-5174



HAMFEST/CONVENTION
05/03/2014 | Cadillac Amateur Radio and Computer Swap
Location: Cadillac, MI
Type: ARRL Hamfest
Sponsor: Wexauke Amateur Radio Club
Website: <http://www.wexaukearc.org/>
[Learn More](#)



HAMFEST/CONVENTION
06/15/2014 | Monroe Hamfest
Location: Monroe, MI
Type: ARRL Hamfest
Sponsor: Monroe County Radio Communications Association
Website: <http://www.mcrcra.org>
[Learn More](#)



HAMFEST/CONVENTION
07/26/2014 | 2014 CMARC OUTDOOR HAMFEST
Location: Lansing, MI
Type: ARRL Hamfest
Sponsor: Central Michigan Amateur Radio Club
Website: <http://centralmiarc.com>
[Learn More](#)

Hamfest information

Arrow Communication Association

Serving Radio Amateurs in Washtenaw and Wayne Counties

<http://www.w8pgw.org/activities/dayton-bus-trip/>

The best way to get to Dayton is with ARROW

- NO PARKING FEES
- NO SHUTTLE BUS FARE
- NO CAR OR GAS EXPENSES
- CONTINENTAL BREAKFAST ON BOARD
- SELL YOUR GEAR AT OUR FLEA MARKET BOOTH

We're expecting a sell-out trip, so make your reservations early!

Take the bus with us!

Dayton Hamvention 2014



Saturday, May 17, 2014

Sponsored by the
ARROW Communication Association

Arrow Communication Association
3322 Yellowstone Drive
Ann Arbor MI 48105

The **ARROW Communication Association** is once again proud to sponsor a motor coach trip to the **2014 Hamvention** in Dayton, Ohio. Started in 2002, this annual club activity has grown in size and reputation with hams across Michigan. We have been host to over 400 hams for this event.

Join us **Saturday, May 17, 2014**, when we depart from Ann Arbor at 4:30 a.m., arriving in Dayton around 8:00 a.m. On board, you can stretch out, relax, take a nap, chat with other hams and enjoy a continental breakfast with coffee as the coach takes you directly to the country's largest amateur radio event!

We arrive at Dayton early enough so that you can enjoy a full day!

- Visit exhibits
- See what's new from major manufacturers
- Attend seminars
- Take license tests
- Shop the largest outdoor swap meet in the United States

When Hamvention closes at 5:00 p.m., return to the bus with your purchases for the ride back home. No standing in lines waiting for a shuttle bus or fighting traffic!



Got stuff to sell? We can help!

We will have an attended booth space in the flea market. If you buy a bus ticket, you can sell your stuff at our booth. All we ask is that you volunteer for one hour at the booth. The cost of the booth alone is \$70.00, more than the cost of the bus ticket, which makes the ARROW trip a GREAT value!

For our out-of-town guests

If your QTH is too far away to drive to meet our bus which leaves at 4:30 a.m., and you need information about hotels in Ann Arbor, contact us at the information listed below for details.

This is no ordinary bus trip – it's an ADVENTURE!

Tickets are \$65. This does **NOT** include your admission to the Hamvention. We suggest that you purchase your 2014 Hamvention ticket(s) in advance to take advantage of the discount and enjoy the day without waiting in line for your tickets, or see how you can win one of two free Hamvention tickets below!

When you add it all up, taking the bus with the ARROW is the most economical and relaxing way to attend Dayton. For more information on the 2014 trip, go to our website and click the Dayton bus trip link under Activities.

All ticket purchases **RECEIVED** by 4/9/2014 will be entered into a raffle drawing to win one of two free tickets to the Hamvention. Winners will be drawn at the April ARROW meeting on 4/9/2014 and winners will be contacted.

Contact information:

John Wasciuk, WA8TON
Phone: (616) 560-3365
e-mail: activities@W8PGW.org

Yes!!! Sign me up!!!

Name/Call Sign

Address

City/State/Zip

Telephone

E-mail (correspondence via e-mail)

Will you need hotel information for the night of 5/16/14?

How did you hear about us?

of tickets \$ amount enclosed

☐ I would like to join the ARROW for \$20.00 a year.

Make check/money order payable to:
ARROW Communication Association

Send Order Form and payment to:
ARROW Communication Association
3322 Yellowstone Drive
Ann Arbor, MI 48105

PayPal is available through the website:
www.w8pgw.org

Prices

Ticket Price \$65 (\$60*)
Member Discount Price \$55 (\$50*)
ARROW Yearly Membership \$20

*If received by 4/1/2014.

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: Flo Haack KC8CAB, 810-793-2606

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: Joe Medved KD8CIL
County AEC: Kevin Boxey KB8TAR

