

# Waveguide

## Lapeer County Amateur Radio Association

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

Club Founder: Hollis Hayes W8ACD, SK



## September Meeting

## 2016-2017 LCARA Officer Elections

## The President Says

Dear LCARA Members,

This will be my last article as president of LCARA. I've enjoyed serving this past year. As you've probably figured out, I'm a bit of a tinkerer. This past year you've been most gracious and allowed me to tinker with the order of the meetings, try out a "Show & Tell" night and make a few other changes. We've also had some very nice presentations. I know I've learned a lot and my experience as an Amateur Radio Radio Operator has broadened because of them. I'd like to thank everyone for their participation, support, and encouragement. It has truly been my privilege to be a LCARA officer. I hope to see you Tuesday, September 13th at our next meeting.

73- KD8TXW

Gordon Miller



September 2016

### Inside this issue

Editorials.....	1
ARES News .....	4
Heard on the Wire .....	5
Events and Calendars .....	6
Upcoming Events and Hamfests.....	8
Testing Sessions .....	10
FOR SALE! WANTED! .....	11

### W8LAP / r Repeaters

146.620 - 100 Hz

442.750 + 123 Hz

### Next Club Meeting

Tuesday, September 13

7:30pm

Lapeer County EOC / Dispatch  
2332 West Genesee Street  
Lapeer, MI 48446

### ARES Net

Every Tuesday 8:00pm

146.620 - 100 Hz PL

### ARES Digital Net

See calendar for schedule and frequencies.



## View from the Veep Seat

---

Hard to believe summer is over. A common refrain, and yet it's still true. It's been a good summer of radio for me, so I can't complain.

- Hamvention? Check.
- Field Day? Check.
- New antenna(s) - Check.
- Hat with my call sign on it, yes, check that one off, too.
- Participated in public service? Double check! Going to the Crim as a radio volunteer added a layer of depth the general public never even considers—that was a real treat.
- Meeting new hams through LCARA? **Priceless.**

For those of you reading this who are already members, it's an honor to know you and see you at the meetings. For those reading the Waveguide and aren't members (yet), consider it! And don't miss the club elections in September, and the presentation on activating Hawaii for the National Parks on the Air event.

See you there—Gerret, KD8YUK

## Treasurer's Report

---

Greeting to one and all. The month of August has been relatively quiet, without any expenses to let you know about. We had our meeting in the park with a great turn out. A few demonstrations and food. Will cooks a mean hot dog. There was enough food to feed the entire roster of members, let alone the people in attendance.

I would like to take this time to encourage everyone to participate in the Labor Day Operation Care. This is the last one of the season and the final opportunity to help the club gather donations for our operating costs. Please sign up to help.

Keep in mind that winter is coming. Do you have your antenna work complete?

Respectfully submitted,

Treasurer, William Miller kd8vp

### Officers

---

#### President

Gordon Miller  
KD8TXW

#### Vice President

Gerret Peters  
KD8YUK

#### Treasurer

Bill Miller  
KD8VP

#### Secretary

Lee Dziekan  
N8LJ

### Committees and Appointees

---

#### 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

## Lapeer County Amateur Radio Association

### August 2016 Notes

The picnic at Crampton Park was a success. Along with the camaraderie and good food some members brought their own equipment to show.

Kevin KB8TAR was busy using his GO-BOX on 20 meters with an OCFD antenna working many stations in Europe. He should be close to DXCC now!

Will KB8YGA brought out fox hunting equipment demonstrating his ability to track down 2 meter signals. So you guys who kerchunk the repeater without identifying, beware!

Mike KC8OTZ brought his satellite receiver and antenna. We were able to listen to communication action on one of the LEO (low earth orbit) amateur satellites.

Gordon KD8TXW brought test equipment to measure the output characteristics of motor generators. I'm not sure of the results but there may have been some surprises...

Thanks to everyone who brought food and drink and supported this enjoyable evening.

**September is election month.** Please consider running for an open office. These are not difficult or time consuming positions especially with the support staff that will continue to be in place.

MAKE LAPEER COUNTY AMATEUR RADIO ASSOCIATION RADIATE! Don't just be a dummy load...

Lee

N8LJ

LCARA Secretary



## 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)

## Emergency Coordinator's Corner

---

Hello to all,

Well the ARES group was a bit understaffed over the month of August due to a few medical issues, vacations, and the Woodward dream cruise. But despite all of that we did manage to conduct a mini-exercise using VHF simplex and FL-DIGI.

KB8YGA was located in the far north of the county and KD8YUK & KB8TAR were south of the Mason-Dixon line. KD8EBY held down the fort on the 2m repeater. Google Earth returned a distance of 27 miles between the 2 locations.

FL-DIGI traffic was successfully traded all the way down to 5 watts using Yagis at 30' on both ends. We ran into a little trouble when we both switched over to verticals but the digital mode was still able to pass messages at 100% copy.

Overall we were very pleased with the outcome.

In September there will be a District 3 SET and in October there will be a Michigan Section SET - Lapeer ARES will be participating in both. **I would like to invite any ham to participate or at least listen in to the proceedings.** We do not have the details yet but the dates are in the calendar in this Waveguide. I will keep you posted on these as the details become known.

Our **September training meeting will be on 9/21 at 7:00 pm in the EOC (same place as the meeting).**

If you are at all interested in emergency work please stop by and find out more about the group.

See you at the club meeting.

Kevin KB8TAR

EC / RO Lapeer County



### ARES Training Program

9/21, 7pm, Lapeer County EOC

### Interested in ARES?

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.



## Solar Panel Testing

Contributed by Mike, KD8OTZ

A two-part series on testing solar panels:  
<https://www.youtube.com/watch?v=LQPxFoZ4clk>

## CB or 10-Meters? Or Both?

Contributed by Mike, KN8Z

When the cycle is right, all kinds of people look for the old RS 10 meter rig, or convert CB stuff.

AnyTone made that effort redundant:

<https://www.amazon.com/AnyTone-Smart-Radio-Meter-26-565-27-99125MHz/dp/B0140QP3VU>



## Are You Prepared?

Contributed by Mary Piorunek,  
Lapeer County Emergency Management

LANSING, Mich. – Michigan residents should prepare for emergencies and disasters by making an emergency communications plan with their loved ones during Michigan’s Preparedness Month, according to the Michigan State Police, Emergency Management Division (MSP/EMHSD). Visit <http://www.michigan.gov/miready> for more information. [Editor’s note: and for us hams, make sure to have your area repeaters programmed and extra batteries!]

# Upcoming Meetings

## September—Hawaii NPOTA

On April 16 thru April 24, 2016, Jim Vigne KB8TXZ, Doug Basberg N8VY and Greg Stobbs N8GAS activated the Hawaii Big Island for participants of the National Parks on the Air - National Parks Centennial event

Join us at the September meeting for a presentation about their journey!

For more information, visit:

<http://www.n8gas.com>



## 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!*

# 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
- 21—**ARES Meeting, 7pm Lapeer EOC**
- 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

# October 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					

## October Events

- 2—Sunday Nets (see sidebar)
- 4—Tuesday ARES Net 8pm
- 6—Thursday **FL-Digi (Digital) Training Net** (see sidebar)
- 9—Sunday Nets (see sidebar)
- 11—**Club Meeting, 7pm Lapeer EOC**
- 15—Tea & Crumpets 8am (see sidebar)
- 16—Sunday Nets (see sidebar)
- 18—Tuesday ARES Net 8pm
- 20—Thursday **FL-Digi (Digital) Training Net** (see sidebar)
- 23—Sunday Nets (see sidebar)
- 25—Tuesday ARES Net 8pm
- 30—Sunday Nets (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



*An informal gathering of Local Hams*  
3rd Saturday of each month  
8am  
Lapeer McDonalds on M24  
Just south of the bridge

## Upcoming Events, Hamfests, Classes, Contests, Etc.

### Clinton Township MI 48038

Start/End Dates: 09/08/2016 - 11/17/2016

Times: 7-9 PM

# of Sessions: 10

Class level: Technician

Morse code offered: No

Pre register required: Yes

Fee: 0

Pre Study required: No

Class Type: Traditional

Exam offered: Yes

Sponsoring Club/Organization: Hazel Park Amateur Radio Club

Instructor: W9NPI

Contact: Jerry Begel W9NPI

Phone: (248) 543-2284

Email: [W9NPI@comcast.net](mailto:W9NPI@comcast.net)

Location: Macomb Intermediate School District (MISD) Building

44001 Garfield Rd.

Clinton Township, MI 48038

Additional Information: No class on October 13.

### Midland MI 48642

Start/End Dates: 09/12/2016 - 10/20/2016

Times: 7 PM to 9 PM

# of Sessions: 11

Class level: Technician

Morse code offered: No

Pre register required: No

Fee: 0

Pre Study required: No

Class Type: Traditional

Exam offered: Yes

Sponsoring Club/Organization: Midland Amateur Radio Club

Instructor: KC8ITI

Contact: Lee Hodges KC8ITI

Phone: (989) 486-3771

Email: [kc8iti@arrl.net](mailto:kc8iti@arrl.net)

Location: Midland High School Room 321

1301 Eastlawn Dr

Midland, MI 48642

Additional Information: Class meets 2 nights a week on Monday and Thursday

### 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!



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

---

### Flint MI 48507

**Sponsor:** The KT8Q & W8ACW VE Teams

**Date:** Sep 17 2016

**Time:** 9:30 AM (Walk-ins allowed)

**Contact:** Jeffrey R. Pender

(810) 895-1408

**Email:** [jeff@w8acw.org](mailto: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

### South Lyon MI 48178

**Sponsor:** South Lyon Area ARC

**Date:** Sep 24 2016

**Time:** 9:00 AM (Walk-ins allowed)

**Contact:** Edward W. Roney

(248) 719-4643

**Email:** [kd8osm@tir.com](mailto:kd8osm@tir.com)

**VEC:** [ARRL/VEC](#)

**Location:** Witch's Hat Depot

South Lyon Historical Society

McHattie Park Walk-Ins Welcome

200 Dorothy Street

South Lyon MI 48178

### Port Huron MI 48060-4014

**Sponsor:** Eastern Michigan ARC

**Date:** Oct 08 2016

**Time:** 10:00 AM (Walk-ins allowed)

**Contact:** Martin Smith

(810) 385-5584

**Email:** [pioneer-2@att.net](mailto:pioneer-2@att.net)

**VEC:** [ARRL/VEC](#)

**Location:** St Clair County Library

210 McMorran Blvd

2nd Floor Meeting Room

Port Huron MI 48060-4014

### Flint MI 48507

**Sponsor:** The KT8Q & W8ACW VE Teams

**Date:** Oct 15 2016

**Time:** 9:30 AM (Walk-ins allowed)

**Contact:** Jeffrey R. Pender

(810) 895-1408

**Email:** [jeff@w8acw.org](mailto: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

### Flint MI 48507

**Sponsor:** The KT8Q & W8ACW VE Teams

**Date:** Nov 19 2016

**Time:** 9:30 AM (Walk-ins allowed)

**Contact:** Jeffrey R. Pender

(810) 895-1408

**Email:** [jeff@w8acw.org](mailto: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

## For Sale and Wanted—LCARA Online Swap Meet

---

### **Want to Buy:**

#### **Hallicrafters SR 150 or SR 400.**

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

#### **Found! 390 Ohm 2-Watt Resistor**

Thanks to these ads, you too might find your radio needs here.



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