

# Waveguide

**W8LAP / r**

146.620 - 100 Hz

442.750 + 123 Hz

**Lapeer County Amateur Radio Association**

Club Founder: Hollis Hayes W8ACD

Edition for **June 2014**

***\*\* The next regular club meeting will be held on Tuesday,  
June 10th, 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](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

## *Editorial Section*

### The President Says:

Hello everyone. Well I hope your spring planting is farther along than ours. The potatoes are up and the tomatoes are in....the front flower planter is still being worked on.

For those of you that missed it we had a HF digital presentation at the May club meeting. I definitely learned a few items about the many different modes available. That reminds me that we were supposed to get a copy of the presentation, I will follow up on that.

I was able to go up and help Midland County with the marathon recently. It was a different experience from the Crim. For the Crim you have 10,000 people running by you and for 1 ½ hours it is wall to wall people running by you. For the marathon there were only a little over 200 participants and due to the geographic size of the event you were required to drive to your second assignment. It was fun to work an event as always.

OK I am out of room.....see you at the meeting. Kevin KB8TAR

### The Vice President Says:

Well, we made it through May with 2 Skywarn activations and Memorial Day Op. Care. Thank you to all who took the time to assist in these items.

June brings the Big Fish triathlon and we can still use more help. If you happen to be available on Sunday the 8th for a few hours in the am; please contact either Kevin or myself for an assignment.

June 10th is our club meeting at 7:30 pm in the basement of the 911 building. And finally please join me, Greg (Gen. Co ARES) and Joe (our D3 coordinator) for ARRL Field Day on the 28th and 29th. We will be set up across from the Otter Lake Camp Grounds on Lake Rd.

73, All. TOM

### The Treasurer Says:

Greetings to one and all. It looks like we have finally found Summer, or is it just the rainy season come late? No matter what it is it is still more conducive to amateur radio than cold and snow. I for one am looking forward to getting a new antenna up on the tower for sure this year. I say that because for some reason it didn't happen last summer. Maybe I have just gotten old and I can't keep up to everything any more. So things take longer to get done. Who knows??

Anyway you didn't start reading this section to hear me ramble on, you want to know about the treasury. There have been no expenses beyond the normal electric and phone bills for this month. I am still looking forward to the day that I can tell AT&T that we no longer need their service, but all good things take time to perfect and make perfect.

Our repeater trustees are doing a great job and I for one really appreciate what they are doing. Hear Hear...  
One last pitch. PLEASE sign up for Operation Care.

Respectfully, William F. Miller KD8VP Treasurer

## *Editorial Section*

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### The Trustee Says:

Hello W8LAP Supporters:

There have been no issues that involve the trustee function from the administrative perspective.

The Tech Team has a panel mount, and associated hardware prepared to mount the DTMF control unit for on-site testing. The main stumbling block we face is scheduling of team members to accomplish the install. We're working to resolve the problem.

### This month's Site:

*A Professional Ham Radio TV program*

I've mentioned Ham Radio video material in the past. These include "[HamNation](#)" on [twit.tv](#), and Gary Pearce's "[Ham Radio Now](#)".

British television has gone one better than podcasts. They have a regularly televised Ham Radio series. It's called "TX Factor". Regularly aired in this case means that it is shown on a bi-monthly basis.

This program is professionally produced, directed, edited, and narrated. There are no time fillers, and every minute is carefully metered. Their web page adequately explains everything they do.

<http://www.txfilms.co.uk/txfactor/txfactor.shtml>

If you have problems viewing the program from their web page, they have links to TX Factor at YouTube.

*Links From The Waveguide*

The issue of additional characters added to my links popped up again in last month's edition. With the added characters, you end up with a web page error that varies with the browser in use.

If you have trouble with the links, and can't establish them through copy and paste, drop me a line and I'll mail them.






From this end, I'll keep trying new approaches, until one works every time.





73 All,  
Mike, KN8Z (kn8z at arrl.org)

### The Secretary Says

The meeting was called to order at 7:30 with the Pledge of Alligence to the flag and introduction of members and guest. No minutes was read. They still need help with Big Fish. The directions for People wanting to go to Otter Lake will be in the June Waveguide. Hospital report: Flo, KC8CAB will be at Lapeer Hospital for a few days. H. F. Digital Communication was given to the meeting by Joe, KJ8O from Troy. The meeting was closed at 8:35 by Jamie, KC8PMW and seconded by Dan, KC1BUD.

2014 2014 2014 2014 2014 2014 2014 2014 2014

June						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
<b>1</b> -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 	2	3 ARES net 146.620+ 100 Hz PL at 8 pm	4	5 ARES net 442.750+ 123 Hz PL at 8 pm	6	<b>7</b>  LTZ test 1:00 pm
<b>8</b>  -ARPSC @ 5:00 pm on 3.932 LSB -D3 net 145.31+ 131.8 Hz PL at 6:30 pm	9	10 LCARA club meeting 7:30 pm at the EOC	11	12 ARES net 442.750+ 123 Hz PL at 8 pm	13	14 SWAP - MIDLAND
<b>15</b> -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	16	17 ARES net 146.620+ 100 Hz PL at 8 pm	18	19 ARES net 442.750+ 123 Hz PL at 8 pm	20	<b>21</b> -T&C 
<b>22</b> -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	23	24 ARES net 146.620+ 100 Hz PL at 8 pm	25	26 ARES net 442.750+ 123 Hz PL at 8 pm	27	28 
<b>29</b> 	30					
Phases of the moon: 5:☾ 13:☾ 19:☾ 27:☾						
Holidays and Observances: 15: Fathers' Day						

July						
Sun	Mon	Tue	Wed	Thu	Fri	Sat
		1 ARES net 146.620+ 100 Hz PL at 8 pm	2	3 	4 	<b>5</b> LTZ test 1:00 pm 
<b>6</b> 	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
<b>13</b> -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	14	15 ARES net 146.620+ 100 Hz PL at 8 pm	16	17 ARES net 442.750+ 123 Hz PL at 8 pm	18	19 -T&C
<b>20</b> -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	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 SWAP - LANSING
<b>27</b> -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	28	29 ARES net 146.620+ 100 Hz PL at 8 pm	30	31 ARES net 442.750+ 123 Hz PL at 8 pm		
Phases of the moon: 5:☾ 12:☾ 18:☾ 26:☾						
Holidays and Observances: 4: Independence Day						

2014 2014 2014 2014 2014 2014 2014 2014 2014

## Public Service Event June 8<sup>th</sup> – Help Needed



**20K/40K BIKE**



- 20K TURN AROUND
- 40K TURN AROUND
- KM MARKERS
- START/FINISH

**3**  
3DISCIPLINES.COM

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*Your help is needed to help provide communications and another set of eyes along the Big Fish triathlon bike route. Your service provides public safety, amateur radio visibility to the public, and our service is appreciated by the event sponsors. They have been inviting us back year after year. Please call KD8EBY or KB8TAR to secure your assignment.*





## Public Service events outside of Lapeer County

### ALCONA

- Last weekend in July canoe races will need 2-3 operators.

### GENESEE

- Atwood races, July 19<sup>th</sup>. Frequency 147.260 pl 100.
- Crim races, August 23<sup>rd</sup>. Meet at Vogt's flowers at 5:30 am. Frequency 147.260 pl 100.

### TUSCOLA

- Bike rally from Caro to Sebawing and back June 7 and 8. Need 6 - 10 operators each day. Approximately 4 hours per day. 1st Day : June 7, 2014 start time about 9:45 AM, should be done by 2 PM. 2nd day June 8, 2014 start Time about 11:00 AM, expect to be done by 3PM. If you think you can help with this event please contact Roger, WB8WJV at [wb8wjv@bigtube.net](mailto:wb8wjv@bigtube.net)

## 2014 LAPEER COUNTY TORNADO SIREN TEST SCHEDULE

If your community does not have a siren, or you cannot hear a siren, you may want to purchase a NOAA All Hazard Weather Radio.



If your community has a tornado siren, below are the dates that it will be tested:

Saturday, April 5<sup>th</sup>

Saturday, May 3<sup>rd</sup>

Saturday, June 7<sup>th</sup>

Saturday, July 5<sup>th</sup>

Saturday, August 2<sup>nd</sup>

Saturday, September 6<sup>th</sup>

Saturday, October 4<sup>th</sup>

**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.  
\*\*\*

## Event Announcement

### K8Valley Camp

*2014 Museum Ships Weekend Operation*



SS Valley Camp

S.S. Valley Camp  
**K8V**  
Museum Ships Weekend



[Home](#)

### SS Valley Camp

**Operation Information:** The Ships Amateur Radio Club will be operating this year from the SS Valley Camp Museum Ship in Sault Ste. Marie, Michigan. The operation will be using the special callsign K8V. Operation will commence at 00:00Z on June 7th through 23:59Z on June 8th. The Ships Amateur Radio club has sponsored operations from the Great Lakes for a number of years. Past operations include the "SS Edmund Fitzgerald from the [Great Lakes Shipwreck Museum](#) at Whitefish Point Michigan, the "SS Carl D. Bradley" and the "SS Cedarville" from the [Great Lakes Lore Maritime Museum](#) in Rogers City, Michigan. The club has also been involved in operations from the Lightship Huron Museum in Port Huron, Mi. . The crew looks forward to working you all this year from the SS Valley Camp. Hope to see you on the air!!

### Weekend Activity

Museum Ships Weekend  
June 7th (00:00Z)  
through  
June 8th (23:59Z)

### K8V QSL Info

QSL Via W8CDB  
Ships Amateur Radio Club  
9282 W. Weston Road  
Morenci, Mi 49256



**Museum Ships Operating Event 2014**  
**Ships Amateur Radio Club**

*N8LJ will be on the SS Valley Camp for this event !!*

## *Event Announcements*



*Here is an event this summer in Owosso that some of you may enjoy.  
Take a look at the website listed at the lower right for details.*

## *Public Service Event Schedule*

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



Big Fish Triathlon - 08 June 2014

July 4<sup>th</sup> Op CARE - 3 to 6 July 2014

Atwood race (Genesee) - 19 July 2014

Crim 10 mile race (Genesee) - 23 Aug 2014

Labor Day Op CARE - 29 Aug to 01 Sept 2014





## Event Announcement

### FIELD DAY INVITATION

*WABOGJ and N8OSL have invited the members of LCARA to join them for field day operations in Otter Lake this year.*

*The location is a vacant lot in downtown Otter Lake at the "red dot" shown on the map below.*

*Tents and campers are welcome and power will be available via generators. Stop by and say thank you to Greg and Joe for this generous offer.*



## *Announcements*

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### CQ announces 2014 Hall of Fame inductees

CQ magazine today announced its **2014 Hall of Fame** inductees, adding two members each to the CQ DX and Contest Halls of Fame, as well as eight new members of the CQ Amateur Radio Hall of Fame.

#### CQ Amateur Radio Hall of Fame

The CQ Amateur Radio Hall of Fame honors those individuals, whether licensed hams or not, who have made significant contributions to amateur radio; and those amateurs who have made significant contributions either to amateur radio, to their professional careers or to some other aspect of life on our planet.

The 2014 inductees (listed alphabetically) are:

**Clifford Berry, W9TIJ**, who helped usher in the computer age as co-inventor of the Atanasoff-Berry computer (or ABC), the precursor of virtually all electronic computers.

**Warren Bruene, W5OLY**, prolific radio designer and innovator who designed many Collins radios and helped the company introduce single-sideband voice communications.

**John Huntoon, W1RW**, former ARRL General Manager, QST Editor, helped bring about international allocation of the 30-, 17- and 12-meter bands.

**Mike Koss, W9SU**, DXer and DXpeditoner; founder and owner of filter manufacturer ICE (Industrial Communications Engineers); key player in establishment of Indianapolis Motor Speedway Amateur Radio Club, W9IMS; organizer of special event station W87PAX at 1987 Pan American Games in Indianapolis.

**Nancy Kott, WZ8C**, former Editor of WorldRadio and WorldRadio Online and tireless promoter of Morse Code as U.S. coordinator of the FISTS CW Club.

**Paul Laughton, N6BVH**, software designer whose accomplishments include developing Apple's disk operating system and Atari's operating system.

**Ralph Showers, ex-W3GEU**, expert on electronic interference and leader of efforts to set national and international standards for electromagnetic compatibility (EMC). He holds several awards from the American National Standards Institute (ANSI) and the Institute of Electrical and Electronics Engineers (IEEE).

**Steve Wozniak**, ex-WV6VLY and ex-WA6BND, co-founder of Apple Computers.

## Hamfest information



HAMFEST/CONVENTION

**06/01/2014 | 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

**08/03/2014 | Seaway Trunk Swap**

Location: Port Huron, MI

Type: ARRL Hamfest

Sponsor: Eastern Michigan Amateur Radio Club



HAMFEST/CONVENTION

**06/07/2014 | IRA Hamfest (W8IRA/R)**

Location: Hudsonville, MI

Type: ARRL Hamfest

Sponsor: Independent Repeater Association (W8IRA/R)

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

[Learn More](#)



HAMFEST/CONVENTION

**09/14/2014 | Adrian Hamfest**

Location: Adrian, MI

Type: ARRL Hamfest

Sponsor: Adrian Amateur Radio Club

Website: <http://www.w8tqe.com/>



HAMFEST/CONVENTION

**06/14/2014 | Midland Hamfest**

Location: Midland, MI

Type: ARRL Hamfest

Sponsor: Midland Amateur Radio Club

Website: <http://w8kea.org>

[Learn More](#)



HAMFEST/CONVENTION

**10/19/2014 | Kalamazoo HamFest 2014**

Location: Kalamazoo, MI

Type: ARRL Hamfest

Sponsor: Kalamazoo Amateur Radio Club & Southwest Michigan Amateur Radio Team

Website: <http://kalamazoohamfest.com/>

[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

**10/26/2014 | USECA Hamfest**

Location: Madison Heights, MI

Type: ARRL Hamfest

Sponsor: USECA Amateur Radio Club

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



HAMFEST/CONVENTION

**06/21/2014 | West Michigan Youth Club Hamfest**

Location: Lowell, MI

Type: ARRL Hamfest

Sponsor: West Michigan Youth Club

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

[Learn More](#)



HAMFEST/CONVENTION

**07/19/2014 | GMARC Trunk Swap**

Location: Shelby Township, MI

Type: ARRL Hamfest

Sponsor: General Motors Amateur Radio Club

Website: <http://gmarc.org>



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](#)





## Spotter Reference Guide

### HOW TO REPORT

• **Spotter Line –**  
**1-800-808-0006**  
(answered 24/7)

Other methods:

• Facebook -  
[http://  
www.facebook.com/  
US.NationalWeather  
Service.Detroit.gov](http://www.facebook.com/US.NationalWeatherService.Detroit.gov)

• Twitter -  
[https://twitter.com/  
NWSDetroit](https://twitter.com/NWSDetroit)

• County Net

• Packet Radio

• New reports web  
page coming soon

### On Reverse Side

Wind Scale

Hail Correlation

Winter Weather



### NOAA's National Weather Service Detroit/Pontiac MI

### WHAT TO REPORT

- Wind gusts of 40 MPH or greater (remember winds greater than **58 MPH** are severe)
- Hail 1/2 inch diameter or greater
- Tornadoes or funnel clouds
- Water that covers roads or threatens property
- Rainfall rates greater than an inch per hour
- Waterspouts
- Post storm damage (even if the storm has long passed)

### OTHER NWS REQUIREMENTS

- When reporting either wind or hail, please tell us whether it is Measured or Estimated.
- Time the event occurred (not what time you are reporting)
- We need the location of where the event occurred.

Distance and direction from nearest town or

Major street intersections

Latitude and Longitude (if available)

### WEB SITES OF INTEREST...

[www.weather.gov/dtx](http://www.weather.gov/dtx) (Detroit/Pontiac NWS Homepage)

[www.spc.noaa.gov](http://www.spc.noaa.gov) (Storm Prediction Center)

[www.ready.gov](http://www.ready.gov) (Storm Preparedness)

[www.weather.gov/dtx/?n=spot\\_train](http://www.weather.gov/dtx/?n=spot_train) (Skywarn  
Presentation and E-Newsletter Registration)

[www.nws.noaa.gov/om/brochures.shtml](http://www.nws.noaa.gov/om/brochures.shtml) (Weather Spotter Guides)







## Spotter Reference Guide



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### WIND SCALE

MPH	Description
25-31	Large branches in motion; whistling heard in telephone wires
32-38	Whole trees in motion; inconvenience felt walking through the wind
39-54	Twigs break off trees; wind generally impedes progress
55-72	Damage to chimneys, TV antennas; pushes over shallow-rooted trees
73-112	Peels surfaces off roofs; windows broken; light mobile homes Overturned; moving cars pushed off road
113-157	Roofs torn off houses; cars lifted off ground

### HAIL CORRELATION

Pea	0.25 inch	Half Dollar	1.25 inches	Baseball	2.75 inches
Plain M&M	0.50 inch	Ping Pong	1.50 inches	Large Apple	3.00 inches
Penny	0.75 inch	Golf Ball	1.75 inches	Softball	4.00 inches
Nickel	0.88 inch	Lime	2.00 inches	Grapefruit	4.50 inches
Quarter	1.00 inch	Tennis Ball	2.50 inches	CD/DVD	4.75/5 inches

### 4 SEASON REPORTING (INCL. WINTER WEATHER)

- Snow—Report when 1st inch has fallen, each additional 2 inches, storm total and 12 hour totals ending 7 am/pm
- Rain—Report amounts of an inch or greater in 24 hours
- Freezing Rain and Sleet—Estimate the amount of glazing (ie 1/10 inch, 1/4 inch, 1/2 inch)
- Flooding and Ice Jams—Water covering roads or property
- Non Thunderstorm Wind Gusts— 40+ MPH or Damage Caused by Strong Winds
- Fog—Report when visibility reaches 1/4 mile or lower

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## Stuff for Sale

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- ICOM 706 MK II G, never been used mobile, separation kit still in box, extra power cord, connectors, fuses, manuals, and boxes. \$695
- CUSHCRAFT R-8 vertical antenna, 8 band (6,10,12,15,17,20,30,40 meters) with tilt over base & guy kit, used. \$275
- 40 meter ham stick rotatable dipole, never used. \$45
- Two on the glass 2 meter antennas, used. New installation kits installed for both. Both for \$50.
- MAHA model MH-C801D battery charger, eight cell, one hour charger, new. \$45

*I have used the 706 MK II G very little, never even put a frequency into the memory. Call Gary KA8RGT at 810-245-2480.*

- more coming.....

*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.*



*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

## 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

