

## THE TUNED CIRCUIT

Club Website: <http://www.n8lc.org>

## THE PREZ SEZ

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Next Meeting - 7:30 PM **March 4th, 2015** at the Tucker Senior Center (see [last page](#) for map and address).

Meeting Program - The program for our March meeting will be as reported on [page 2!](#)

The monthly board meeting will be on Wednesday, March 11th, 2015.

So far, this year has come in like a lion, but, as the storms swirl around us, let's hope it will go out like a lamb . The wind blew the tarp off the plastic storage bins I had outside because my storage shed is full. They were still



John Slobodnik—N8NXW

weather proof, though I don't think they are labeled as weather proof. Let us weather these storms until the birds sing again in the spring. Speaking of birds, I worked on an antenna tower where a plastic scare owl was mounted on the mast to keep the birds off the elements. The rods were caving in from what was thought to be birds landing and taking off. I have not heard anything about birds affecting the SWR of an antenna, though they might not be there during transmission. Let us not be daunted by the cold climate around us.

73

John Slobodnik, N8NXW

## MARCH 4TH MEETING PROGRAM

The March program will be a presentation about proper care of your ears and hearing. This presentation will be made by Terry Ozog.

A little introduction on Terry:

Mr. Ozog began his career in Health Care 40 years ago. Starting at William Beaumont Hospital, he was the youngest recipient for the State of Michigan's Hospital Association Award.

Later he established the first Home Care Program through Medicare that sent Dialysis patients home with a paid aid instead of a dialysis center.

He has worked with every major health center in SE Michigan and has given numerous lectures to physician groups, administrators and patients on various aspects of Health Care. He is a graduate from the University of Michigan with post graduate training from Wayne State's School of Medicine.

He is a licensed practitioner and currently manages Zounds hearing Centers in Macomb County.

### Topics that Terry usually covers are:

- 1.Types and causes of hearing loss
- 2.Medical and personal effects of hearing loss
3. Do I need a hearing test?
4. Interpretation of hearing tests
5. Types of hearing aids
6. How much and are they covered by insurance

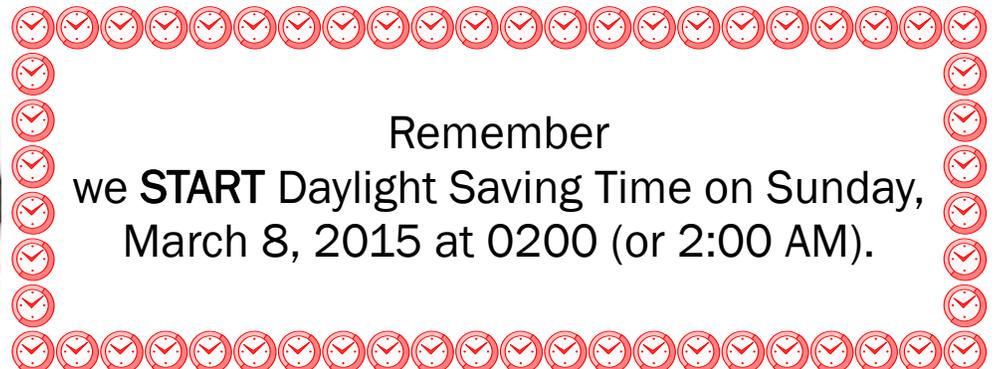


Gregg Crump N8GEO

We have given Terry 45 minutes to an hour to educate all of us. Please show up and learn something about the health and maintenance of one of our most valuable possessions.

See you all at the meeting on March 4th

73, Gregg/N8GEO  
Program Chairman



Remember  
we **START** Daylight Saving Time on Sunday,  
March 8, 2015 at 0200 (or 2:00 AM).

## Report of the Secretary

**John N8NXW** called the February 4th 2015 meeting to order at 7:37 PM. The usual "check ins" were made and one guest, Bill, K8DXX was welcomed to the meeting. Motion to approve the January minutes by Mike/N5WCS with second by Gregg/N8GEO. Motion carried.

**Net Points:** WU8C 3850, WG8U 3850, K8MDV 1300, K8VFR 2250, N8GEO 900. Badge for Ron/K8RFP.

**Doug/N8PYN** will be at the Livonia Swap on 2/15/15.

**Repeater Status Update:** On January 31 the repeaters were both off the air. N8REZ went to the site. After moving a lot of snow to get to the door, Mark learned that there was no electric power inside the building. K8HVI was able to determine that DTE had shut off the power via the smart meter. The PCS/Metrocell tenant has abandoned the site and they requested the shutoff since it was their meter!. On 2/3 K8RO agreed to temporarily host the 2 meter machine at his QTH. The talented tech team was able to get the backup repeater running fairly quickly at Dale's house. N8PYN and K8HVI are reviewing the agreement with the city of Sterling Heights and investing the next steps. It appears that the official agreement expired in 2011. Governmental reorganization has eliminated the emergency management department in Sterling Heights and part of that function is now handles by a police captain. N8PYN and K8HVI will be working on the issues to determine the next steps for our repeaters. [ All of the above minutes supplied by the Editor, N8FYL] [I rolled in late (8:00 pm), so I missed the first part of the meeting, apologies given. My minutes begin here. N8REZ]

**Kathy KC8WNK**, Gave the treasurers report. After hours of calculations and tabulations we end up with \$4262.88 of which \$432.18 belongs to the Yute forum, \$172.33 repeater fund and we still owe the School district \$850 for the school rental.

**Dale K8RO QSL manager** recommended purchasing QSL cards. Seems to be cost effective.

**Dale K8RO** and **Gregg N8GEO** swapped duties and titles. ( It all happened so fast I failed to get it recorded. We shall figure it out next board meeting). [Editor: N8GEO is now the ARRL Liaison and K8RO is now the QSL and Net Points person]

**Gregg N8GEO Dayton news.** Advanced tickets orders are in order. Let Gregg know SOON! \$5 savings. Gregg discussed the room reservations. Make your room reservation early!

Next board meeting at Double D's restaurant.

### New biz-ness

**Ralph W8ROI** came up with an idea to share the clubs P.O. Box. **Ralph** has a P.O. box and is willing to share the cost with the club. **Mike N5WCS** made a motion to share the LCARC box with **W8ROI Ralph** and share the cost. **Gregg N8GEO** second it. The motion was approved and at the next billing cycle, in six months we will start saving money.

Next VE session is February 18

Swap, needing a chairman for, the swap. Change of the operating hours discussed.

**Doug N8PYN.** Michigan QSO party. Where to go was the big question. Huron Co. or Lapeer Co. ?. Lapeer Co. was decided on with the club renting a cabin as the shelter for 2 stations. Motion and vote made it so.

Raffle and white elephant exchange to follow.

Motion to adjourn was made and carried.

Respectfully submitted

N8REZ



Mark Castiglione, N8REZ

## Membership Report

Our member database remains at 54 members, ten life members are included in this count..

The reduction in the count from 64 to 54 reflects that not everyone renewed their membership for 2015.

It was decided at the September meeting that new members are granted a dues free first year of membership. This is a good incentive for those prospective members who might be 'on the fence.'

Be on the lookout for those who are interested in Amateur Radio, especially young people. Show them what this is all about and stress that this is an activity that can be done at home, and can involve the computers with which they are so familiar.

Also, as announced at the January meeting, it is time for a volunteer to take over this Membership Chairmanship. A description of this function appears below in this issue of the Tuned Circuit. Contact me for any other information that you as the volunteer might need.

Ted NW8W  
2/21/15



Ted MacKinnon, NW8W

## Club Seeks a new Membership Chairperson

During the January 2015 meeting, I mentioned that it is time for someone else to take over the Membership function. In an effort to generate interest in his job, here is what is involved:

1. Record and update individual member records in the MSWorks database.
2. Extract email addresses for members whose dues are current to be used when the *Tuned Circuit* is distributed. Similarly, extract emails addresses for complimentary distributions, and US Mail addresses for members who do not have Email.
3. Provide a brief membership report to be included in issues of The Tuned Circuit.
4. Yearly, issue a summary report or a roster that shows all current LCARC members with their contact information.

The database that is part of Microsoft Works version 9 is currently used, because it is intuitive and easy to set up and learn, unlike the Access database that is part of MS Office. A CD-ROM of MS Works is available for temporary loan to whoever volunteers so it can be installed on a PC. Of course, if someone wants to use Access or some other application the data can be converted into a format compatible with that tool.

This activity does not take very much time; maybe a half hour each month to send out the Tuned Circuit, and a couple of hours or so through the year to update the membership records when dues are paid or when new members need to be recorded.

Ted, NW8W 1/13/15

## Dayton, the Granddaddy of all Swaps is May 15<sup>th</sup> to 17<sup>th</sup>!

Everyone should start thinking about Dayton. It's the 15th through the 17th of May this year.

This year we have moved to a different lodging facility. We will be staying at the Wingate by Windom just north of Cincinnati. It's a nice place but it's going to be a bit of a drive (about 40 minutes). As of right now I have 12 rooms and they are all spoken for except one and it's a king bed room. If you want this room please get with me ASAP. First come first served. I will be returning that room to the hotel on the Thursday after our March club meeting night. [That would be Thursday, March 5th 2015. Editor] The nightly rate is \$49.00 plus tax.

Here is the current list of reservations: N8GEO, N8REZ, N8AT, N8HAR, N8PYN, K8EO, W8ROI, KD8LLT, KD8RJN, W8AII.

Information about the hotel is here:

<http://www.wingatehotels.com/hotels/ohio/west-chester/wingate-by-wyndham-cincinnati-west-chester/hotel-overview> (or click the Wingate image below).

I will also be pre-purchasing tickets for Dayton this year. Pre-sales are \$20 per person. The March meeting is the last night that I will be taking orders for tickets. Please bring the \$20 with you to the March meeting. See you all at Dayton.

73

Gregg /N8GEO



Soon will turn to and then it will be June 3rd and time for the annual LCARC fox hunt. Is your equipment ready? Do you need to make some repairs or improvements or build something new since the last time you hunted the elusive "fox" (hidden transmitter)? It's not too soon to begin the process of being ready to go on June 3rd! Hope to see YOU as one of the hunters.

And, following the fox hunt in three and half short weeks is [Field Day!](#) June 27th and 28th this year. Save the dates and plan to participate in this big N8LC summer operating event. I feel confident that it will be MUCH warmer weather than we are having right now.

The banner features the ARRL logo (a diamond shape with 'ARRL' inside) and the text 'The national association for AMATEUR RADIO®' and 'www.arrrl.org'. Below this, on a dark red background, it says '2015 ARRL FIELD DAY' in white. The largest text is 'HAM RADIO' in white, with 'HAM' written vertically on the left and 'RADIO' in large letters to its right, followed by three curved lines representing radio waves.

## Make your own dipoles with these center insulators

By Dan Romanchik, KB6NU

One of the things that always gets my goat is the price some companies charge for dipole antennas. It's not that they're charging an outrageously large sum of money, and I certainly don't begrudge them making a profit for their efforts. It's just that if hams would just buy their own wire and parts, they would not only save money over the long run, but be encouraged to experiment with antennas. That's what I started doing about ten years ago, and I've been very happy with the results.

One of the first things that I did was to purchase ten Budwig HQ-1 center insulators and ten HQ-2 end insulators (<http://www.budwig.com/antenna-connector-insulators.html>). I've made a bunch of antennas with these insulators, including several 40m/20m inverted vees for portable use (such as Field Day and special events), a 17m dipole, and a 10m loop antenna. These insulators are very well-made, and can easily be reused, too.

Universal Radio sells the set (<http://universal-radio.com/catalog/antsup/1782.html>) for \$18.50. I just placed another order for ten HQ-1s and 20 HQ-2s (the minimum number that you can purchase to get a quantity discount). The price, including shipping, is \$143.

There are a bunch of other center insulators on the market, including:

- \* The Alpha Delta Delta-C antenna hardware kit (<http://universal-radio.com/catalog/antsup/0297.html>) consists of a Delta-C Center Insulator, antenna connecting hardware, 1 SEP Arc-Plug™ static protector (installed in Delta-C) and 2 Delta-CIN end insulators. This is a little heavier-duty than the Budwig insulators, but it costs more, too (\$30 at Universal Radio). Unless you're going to be running a kW, I don't see the need to spend nearly twice as much money on these insulators.

- \* The TEN-TEC ACRO-BAT Antenna Connector &

Hanger

(<http://www.tentec.com/products/ACRO%252dBAT-Antenna-Connector-%26-Hanger.html>) is an interesting product. Unlike the Budwig and Alpha-Delta insulators, this product does not have an SO-239. Instead, this insulator clamps over the coax and antenna wire, and in doing so, provides strain relief. I haven't tried this one, but it seems like a nice design. The cost is \$10, directly from TEN-TEC or from Universal Radio.

- \* The Unadilla W2AU ANsulator (<http://universal-radio.com/catalog/antsup/0913.html>) is made from PCV tubing and include eyelets for terminating the antenna wire and for supporting the insulator in the middle. For \$15, I think I'd rather have the Budwig insulator. Also, you should be able to make one of these insulators for less than 15 bucks.

- \* The Hy-Gain C-1C Center Insulator (<http://www.hy-gain.com/Product.php?productid=C-1C>) has a screw for tightening down the antenna wire, so you don't have to do any soldering, but overall, I don't think I like the looks of this model. And, at 30 bucks, it seems kind of pricey.

- \* The W8AMZ Dipole Antenna Starter Kit ([http://www.w8amz.com/W8AMZ\\_ACC\\_Page.html](http://www.w8amz.com/W8AMZ_ACC_Page.html)) comes a center insulator made from PVC pipe, similar to the Unadilla W2AU ANsulator and two end insulators. It costs \$18.

If none of these strikes your fancy, you can always make your own. WP4AOH has some very good instructions on how to do this using PVC pipe and fasteners you can find at your local hardware store (<http://wp4aoh.blogspot.com/2012/07/dipole-antenna-center-insulator.html>).

Whatever route you take, I encourage you to keep several on hand and enough antenna wire and coax to complete the antenna. You never know when the urge will strike you to build an antenna, and if you don't have the parts you've missed an opportunity to do some experimenting.

When not checking his stock of antenna parts, you'll find KB6NU working on updates to his "No Nonsense" study guides, blogging about amateur radio at [www.kb6nu.com](http://www.kb6nu.com), or working 30m CW.

CQ MIQP CQ MIQP N8LC MIQP

**Michigan QSO Party 2015**

The 2015 Michigan QSO party is draws nearer with each passing day. The club has decided to return to Lapeer county again this year. We will be operating from the [Metamora Hadley Recreation Area](#) location we first used in 2014. The club hopes to obtain the use of the cabin for the operating positions this year. Maybe there will be an update on this item at the March meeting.

Meanwhile, the contest sponsors have been getting the website ready for 2015 and have announced a new "MiQP Clubs Hall of Fame" page.

**MiQPers:**

In order to increase recognition for the efforts of Michigan and non-Michigan clubs in their participation in the MiQP Combined Club Competition, a new page has been added to the MiQP web site called the "MiQP Clubs Hall of Fame". This page is a pictorial display of the winning clubs by year since 1999 (when the MiQP sponsorship was assumed by the Mad River Radio Club and the contest rules were significantly revised).

Prior to 2003, only clubs located within Michigan could participate in the Combined Club Competition. In that year, a separate Combined Club Competition for clubs located outside of Michigan was added to the contest. When you get chance, check out this new page on the MiQP web site

<http://www.miqp.org>. You'll find a link to this new page called "MiQP Clubs Hall of Fame" under the "Contents" section on the MiQP home page.

Less than two months to MiQP 2015! The Planned Operations page should be QRV soon.

73, Dave/K8CC

Activity is picking up on the MIQP.org email reflector list with various mobile and fixed operations announcing their plans. Joe, W8RJK announced

Add a little more fun to your MiQP action!

The first ever **Michigan Cabinet Counties Award** will be available during this year's Michigan QSO Party (April 18, 2015). Work one or more of the 10 Cabinet Counties during the hours of the MiQP and you qualify for the award.

Michigan Cabinet Counties? In an attempt to influence President Andrew Jackson in favor of creating a new State of Michigan (and awarding it the land being disputed in the Toledo War) the Michigan Territorial legislature named 10 of its new counties after members of Jackson's cabinet. Jackson eventually did sign legislation making Michigan the 26th state (1837) but gave the land to Ohio (Michigan got the U.P.).

A list of the 10 Cabinet Counties and rules for the Michigan Cabinet Counties Award can be found at:

<http://www.qsl.net/w8jrk/>

73 -

Joe W8JRK

Plan now to be part of the fun at N8LC or even work your own station for 2015 MiQP on April 18th.

## Letter to the Editor ...

(well actually to N8FYL, who participated in the [2015 Minnesota QSO Party](#) ...)

On February 7th I spent about 3 hours working the Minnesota QSO Party. Only 27 contacts but I had fun. Seven QSOs with mobile station NOHJZ.. On February 11 I (and 21 others) received the following email from NOHJZ:

Hi All -

First, I want to thank you all for your support for my mobile operation in the Minnesota QSO Party! I had a great trip through 27 counties and had a pile-up almost the entire time. I ended up with 1,472 QSO's in ten hours of operation! I was only 43 QSO's behind my all time high QSO total. Maybe next year!

I shot some video of the pile-ups and you are in the video! I thought you might want to hear how you sound on the other side of the pile-up!

The link to the video is: <https://www.youtube.com/watch?v=9DWAFizKfZA>

Thanks again for adding to my trip and all the fun of the pile-up! As a "rate junkie" I was in heaven!

73 Rich NOHJZ

Sure enough, at 8:30 (mm:ss) into the 12:52 long video on You Tube, is my QSO with Rich! It was at 2014Z on 20M. I was curious about his operation so we exchanged the following emails:

Rich,

I enjoyed following you in the contest. If I had worked more hours I could have helped your Q count a bit more!

Thanks for taking the time to find our email addresses and let us know about the video.

Is there anything online about your mobile operation? It looks like you were driving and operating and you had a logger with you. NW8W and I did that for some Michigan QSO parties back around 2000. We had fun but nothing like the massive number of QSO's you did.

Hope to hear you on for the Michigan QSO party on April 18th. [www.miqp.org](http://www.miqp.org) I'm planning to be operating N8LC with my club from Lapeer county.

73, John / N8FYL

=====

Hi John -

I drive alone and operate while moving. I stopped a couple times and that is when I shot the video.

I have a small digital recorder that records the contest. I can "run & gun" and have the recorder get it all. You can occasionally hear me give the time (in minutes) so it helps me log later. I have to listen to the whole ten hours but at least I have all the QSO's.

It's a fun way to operate and I'm hoping it'll be a style that helps me win the mobile division this year!

We'll look for you in MIQP!

73 Rich

=====

Interesting to learn about his method of operation. I'd be worried about a failure of the digital recorder! But perhaps 2 recorders would provide some insurance.

## L'Anse Creuse ARC Board Members – 2015

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LC Echo Repeater  
 100 HZ PL



LC Echo 440 Repeater  
 QRT as of 1/31/15  
 until ?

## Board Meeting Time and Location

Board Meetings are regularly held at 7 pm on the Wednesday after the regular membership meeting (except December). The most recent location is [The Double D Bar & Grille](#), 240 N River Road, Mt. Clemens, MI. All club members are welcome to attend and have dinner. Talk-in through the LCARC ECHO 2 Meter repeater (147.080 MHz, +600 KHZ, 100 Hz PL tone). Should a board meeting have a planned cancellation, this cancellation will be announced in the newsletter.

**Club Founder - Art Ellis W8PBO**

**Club Committee Chairmen**

ARRL HF Awards Manager	Tom Mathison	WU8C	Licensing Classes	TBD	
ARRL HF Awards Assistant	Vince Cuker	WA8BIJ	Little Bay Awards	Vince Cuker	WA8BIJ
ARRL VHF/UHF Awards Manager	Allan Koch	KA8JJN	Meeting Refreshments	John	N8NXW
Call Sign ID Tags	Gregg Crump	N8GEO	Membership Chairman TC email distribution	Ted MacKinnon	NW8W
Christmas Party	Keith Harris	W8KD	Net Points Manager	Tom Mathison	WU8C
Club Apparel & Patches	Gregg Crump	N8GEO	Net Points Upgrade Awards	Dale McGorman	K8RO
Club Call Trustee - K8AYZ	Ted Bak	K8EO	TC Postal Distribution	Vince Cuker	WA8BIJ
Club Call Trustee - N8LC	Marty Folz	K8HVI	Outgoing QSL Manager	Dale McGorman	K8RO
Code Proficiency Awards	Vince Cuker	WA8BIJ	QSL Cards	Dale McGorman	K8RO
Dayton Trip	Gregg Crump	N8GEO	Swap Chairman / Swap Tables	TBD	
Door Prizes—Buyer	Doug Chauvin	N8PYN	<i>Tuned Circuit</i> Editor	John Huber	N8FYL
Door Prizes—Tickets	Wayne Hearn	WG8U	Volunteer Exams	Cliff Ibbs	AB8XQ
Echo Repeater Trustee	Marty Folz	K8HVI	Webpage (n8lc.org)	Doug Chauvin	N8PYN
Field Day			Webpage Assistant	Marty Folz	K8HVI
Health & Welfare	Dave Herrington	N8NLK	Youth Forum (50/50)	Ralph Irish	W8ROI

***The Tuned Circuit***

This publication of the L'Anse Creuse Amateur Radio Club is issued for the months of September through June of each year. *The Tuned Circuit* has been formatted to be read easily with any reader programs for our visually impaired readers; however, an audio tape or a larger print version of its contents will be made available, upon request to the editor. We welcome any comments, concerns, corrections, congratulations, or complaints. Please submit such communications to the [Editor](#):

John H. Huber N8FYL

Email: [n8fyl@arrl.net](mailto:n8fyl@arrl.net) or [editor@n8lc.org](mailto:editor@n8lc.org)

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Submissions will be accepted in any of the standard PC formats. Microsoft Office 2010 and earlier, Open Office, plain text, rich text, PDFs, and any type of image format. Unfortunately audio files and movies cannot be accepted, as they cannot be reproduced on paper, but links can be reproduced to these types of media if you'd like to provide a link.

**March Contest Calendar** continued from [Page 13](#)

± Run for the Bacon QRP Contest	0200Z-0400Z, Mar 16
± QRP Fox Hunt	0100Z-0230Z, Mar 18
± CWops Mini-CWT Test	1300Z-1400Z, Mar 18 and 1900Z-2000Z, Mar 18 and 0300Z-0400Z, Mar 19
± NAQCC CW Sprint	0030Z-0230Z, Mar 19
± RSGB 80m Club Championship, SSB	2000Z-2130Z, Mar 19
± QRP Fox Hunt	0100Z-0230Z, Mar 20
± BARTG HF RTTY Contest	0200Z, Mar 21 to 0200Z, Mar 23
± SARL VHF/UHF Analogue/Digital Contest	1000Z, Mar 21 to 1000Z, Mar 22
± Russian DX Contest	1200Z, Mar 21 to 1200Z, Mar 22
± AGCW VHF/UHF Contest	1400Z-1700Z, Mar 21 (144) and 1700Z-1800Z, Mar 21 (432)
± Feld Hell Sprint	1700Z-1859Z, Mar 21
± UBA Spring Contest, SSB	0700Z-1100Z, Mar 22
± QRP Fox Hunt	0100Z-0230Z, Mar 25
± CWops Mini-CWT Test	1300Z-1400Z, Mar 25 and 1900Z-2000Z, Mar 25 and 0300Z-0400Z, Mar 26
± QRP Fox Hunt	0100Z-0230Z, Mar 27
± CQ WW WPX Contest, SSB	0000Z, Mar 28 to 2400Z, Mar 29

**Future Programs & Activities**

Gregg Crump, N8GEO—Activities Manager

March 4, 2015	“Hair Cells” - Terry Ozog
April 1, 2015	TBA—Jerry Begel, W8NPI, No Foolin’
April 18-19, 2015	<a href="#">Michigan QSO Party</a>
May 6, 2015	Field Day Planning
May 15-17, 2015	<a href="#">Dayton Hamvention</a>
June 3, 2015	Regular Meeting—followed by Fox Hunt!
June 28, 2015	<a href="#">ARRL Field Day</a>
September 2, 2015	Regular Meeting
October 7, 2015	Regular Meeting
November 4, 2015	Regular Meeting

## VE Testing Locations

**Ann Arbor** (ARROW) ): Mark Goodwin,  
W8FSA, [w8fsa@arrl.net](mailto:w8fsa@arrl.net), 734-930-6564.  
Second Saturday of each month.

**Hazel Park**—Jerry Begel, W9NPI,  
[w9npi@arrl.net](mailto:w9npi@arrl.net) 248-543-2284

First Tuesdays of Even Months

**Motor City** 313-676-6284

**USECA** <http://usecaarc.com/test/>

3rd Monday Monthly except during the  
months of July and August at the Mt.  
Clemens Elk's Lodge at 7 pm

### LCARC

Tucker Senior Center,  
TBD, 2015  
Contact Cliff Ibbs [ab8xq@arrl.net](mailto:ab8xq@arrl.net) (586)  
567-0436 for details.

## Online Practice Exams and Morse Resources

Online Practice Exams

<http://www.eham.net/exams>

<http://www.qrz.com/testing.html>

<http://www.ah0a.org/AHOA.html>

Morse Code

<http://www.g4fon.net>

<http://www.pdarrrl.org/k6rau/>

<http://www.ac6v.com/morseaids.htm>



## Upcoming Swaps

**NOTE! New location for the "Marshall" Swap**  
03/14/2015 | [Michigan Crossroads Hamfest and Radio Swap](#)

**Location:** Kalamazoo, MI  
**Type:** ARRL Hamfest  
**Sponsor:** Southern Michigan Amateur Radio Society  
**Website:** <http://www.w8df.com/hamfest>

03/15/2015 | [TMRA Hamfest](#)

**Location:** Perrysburg, OH  
**Type:** ARRL Hamfest  
**Sponsor:** Toledo Mobile Radio Association  
**Website:** <http://www.tmrahamradio.org/>

Per N8PYN there will **NOT** be a Milford, MI swap in 2015.

05/02/2015 | [Cadillac Hamfest](#)

**Location:** Cadillac, MI  
**Type:** ARRL Hamfest  
**Sponsor:** Wexaukee Amateur Radio Club  
**Website:** <http://www.wexaukeearc.org/>

05/15/2015 | [Dayton Hamvention](#)

**Location:** Trotwood, OH  
**Type:**  
**Sponsor:** Dayton Amateur Radio Association  
**Website:** <http://www.hamvention.org>

06/07/2015 | [Chelsea Radio Swap 'n Shop](#)

**Location:** Chelsea, MI  
**Type:** ARRL Hamfest  
**Sponsor:** Chelsea Amateur Radio Club  
**Website:** <http://www.wd8iel.com>

06/21/2015 | [Monroe Hamfest](#)

**Location:** Monroe, MI  
**Type:** ARRL Hamfest  
**Sponsor:** Monroe County Radio Communications Association  
**Website:** <http://www.mcrcra.org>

08/01/2015 | [Great Lakes Divison Convention \(Columbus Hamfest\)](#)

**Location:** Columbus, OH  
**Type:** ARRL Convention  
**Sponsor:** Voice of Aladdin ARC  
**Website:** <http://columbushamfest.com/> (but still has 2014 info)

## Contest Calendar — from <http://hornucopia.com/contestcal/contestcal.html>

± NSARA Contest	1200Z-1600Z, Mar 1 and 1800Z-2200Z, Mar 1
± SARL Hamnet 40m Simulated Emerg Contest	1200Z-1400Z, Mar 1
± North Carolina QSO Party	1500Z, Mar 1 to 0059Z, Mar 2
± RSGB 80m Club Championship, Data	2000Z-2130Z, Mar 2
± ARS Spartan Sprint	0200Z-0400Z, Mar 3
± AGCW YL-CW Party	1900Z-2100Z, Mar 3
± QRP Fox Hunt	0200Z-0330Z, Mar 4
± CWops Mini-CWT Test	1300Z-1400Z, Mar 4 and 1900Z-2000Z, Mar 4 and 0300Z-0400Z, Mar 5
± AWA John Rollins Memorial DX Contest	2300Z, Mar 4 to 2300Z, Mar 5 and 2300Z, Mar 7 to 2300Z, Mar 8
± NRAU 10m Activity Contest	1800Z-1900Z, Mar 5 (CW) and 1900Z-2000Z, Mar 5 (SSB) and 2000Z-2100Z, Mar 5 (FM) and 2100Z-2200Z, Mar 5 (Dig)
± QRP Fox Hunt	0200Z-0330Z, Mar 6
± ARRL Inter. DX Contest, SSB	0000Z, Mar 7 to 2400Z, Mar 8
± Wake-Up! QRP Sprint	0600Z-0629Z, Mar 7 and 0630Z-0659Z, Mar 7 and 0700Z-0729Z, Mar 7 and 0730Z-0800Z, Mar 7
± UBA Spring Contest, CW	0700Z-1100Z, Mar 8
± DARC 10-Meter Digital Contest	1100Z-1700Z, Mar 8
± QRP Fox Hunt	0100Z-0230Z, Mar 11
± CWops Mini-CWT Test	1300Z-1400Z, Mar 11 and 1900Z-2000Z, Mar 11 and 0300Z-0400Z, Mar 12
± RSGB 80m Club Championship, CW	2000Z-2130Z, Mar 11
± QRP Fox Hunt	0100Z-0230Z, Mar 13
± F9AA Cup, SSB	1200Z, Mar 14 to 1200Z, Mar 15
± AGCW QRP Contest	1400Z-2000Z, Mar 14
± EA PSK63 Contest	1600Z, Mar 14 to 1600Z, Mar 15
± Idaho QSO Party	1900Z, Mar 14 to 1900Z, Mar 15
± North American Sprint, RTTY	0000Z-0400Z, Mar 15
± UBA Spring Contest, 2m	0700Z-1100Z, Mar 15
± Wisconsin QSO Party	1800Z, Mar 15 to 0100Z, Mar 16

Continued on [Page 11](#)

The [DL2NBY Contest Calendar](#) is another calendar source. It includes the ability to add events to your own Google calendar as well as import to Outlook, Thunderbird, and more.

## Interesting Web Sites & Miscellany

This space is set aside for those items that do not fall into any particular category. If you have an interesting Web Site or similar information like a Net or SWL frequency, this is the place to spread the word.

[WRTC 2014 Documentary](#) video by 9V1YC

W8VO sent your editor the link <http://www.americanradiohistory.com/> - Documenting the History of Radio, TV, and FM broadcasting. A plethora of old magazines to view.

WU8C says "Want to print a nice copy of your license"? Check out:

<http://www.ae7q.com/misc/Generate.php>

Citizen Scientists awaken a NASA spacecraft and try to return it to Earth orbit.

<http://spacecollege.org/isee3/>

"The Hamband", a music group, is Andrew (G3WZZ / OZ1XJ / OZ5E), his wife Lisa, and a group of Nashville session musicians.

<http://www.hamband.com>

Diagnose and Repair a Yaesu FT-7800 Ham Radio <http://hackaday.com/2013/11/11/diagnose-and-repair-a-yaesu-ft-7800-ham-radio/> (submitted by Matt/KD8LLT 11/13)

Where are all the Hams? Explore [hams.mapmash.com](http://hams.mapmash.com) to see!

The September issue of [The GRAY LINE REPORT](#), the Twin Cities DX Association newsletter, has a couple of great stories you'll enjoy.

Interesting radio related hobby:

<http://www.michiganbroadcasttowers.com/> by Tom/K8TB

<http://www.michiganbroadcasttowers.com/amateur/RRWeb/K8TBremotebase.html> (remote base stuff similar to that used by Tom WU8C) [N8FYL/John 10/13]

Ham and Marine Maritime Mobile HF Net Frequencies [provided by W8ROI/Ralph 05/13]

[http://www.mayaparaíso.com/maritime\\_mobile\\_frequencies.php](http://www.mayaparaíso.com/maritime_mobile_frequencies.php)

An archive of all of Radio Shack's catalogs, dating back to 1939! Even though they had been around for many years prior to 1939, this was their first catalog. [Provided by W8ROI/Ralph 04/13]

[http://www.radioshackcatalogs.com/catalog\\_directory.html](http://www.radioshackcatalogs.com/catalog_directory.html)

A very interesting item of new technology to use Bluetooth radio to remotely turn on and off AA battery power supplies: <http://www.indiegogo.com/tethercell>

Here's a link provided by Clem / W8VO to photographs of a Pennsylvania clubs January 19th 2013 ARRL VHF contest expedition (02/13):

[http://public.fotki.com/wa3usg/hobbies/amateur\\_radio/the-january-2012-ar/](http://public.fotki.com/wa3usg/hobbies/amateur_radio/the-january-2012-ar/)

A fascinating site about the W8JI 160 M contest station and a lot more. Worth you time to check it out. Editor 01/13. <http://www.w8ji.com> is the main site. Be sure to look at [http://www.w8ji.com/contest\\_station\\_w8ji.htm](http://www.w8ji.com/contest_station_w8ji.htm) too!

A really great weather site, with astronomical data. <http://www.wunderground.com>

Amateur Radio News Line <http://www.arnewsline.org/>

[Amateur Radio Detroit AM/FM History](#)

Information on Government and miscellaneous data <http://www.usa.gov/>

HDTV info on HDTV stations and locations

<http://www.Antennaweb.org>

Windows XP Secrets <http://www.pchell.com>

human 500 database (How to get to a human operator for various companies) <http://gethuman.com/us/>

iDIN plugs from Universal Radio Inc. <http://universal-radio.com/catalog/parts/dinconn.html>

SSTV in Windsor and Detroit <http://www.kent.net/ve3rdn>

S-Meter site for Amateurs <http://www.smeter.net/>

Ham Movie <http://www.youtube.com/watch?v=vBGldfOVjO4>

73s.org—Social Networking for Hams <http://www.73s.org>

Grid Square locator

<http://f6fvy.free.fr/qthLocator/fullScreen.php>

Useful Telephone Numbers

AT&T DSL Maintenance - (866) 583-2494

DTE Customer Satisfaction Technician - (586) 412-3013

## L'Anse Creuse Amateur Radio Club Nets

Day	Time		Band	Mode	Frequency	Net Control	Calendar
	UTC	EST					
Monday	0030	1930	15 M	CW	21.165 MHz	Vince, WA8BIJ	Every Monday
Monday	0130	2030	15 M	SSB	21.395 MHz	Clem, W8VO	Every Monday
Monday	0200	2100	6 M	SSB	50.160 MHz	Gregg, N8GEO	Every Monday
Tuesday	0100	2000	2 M	Packet	144.93 MHz	Vince, WA8BIJ	Every Tuesday (Connect to detqso)
Thursday	0030	1930	10 M	SSB	28.435 MHz	Wayne WG8U	Every Thursday
						Clem, W8VO	1st Thursday
						Wayne, WG8U	2nd Thursday
Thursday	0130	2030	2 M	FM	147.08+ MHz	Gregg, N8GEO	3rd Thursday
After March 8th, subtract 1 hour from the UTC Time for all nets to account for the change to Daylight Saving Time.						Rose, K8VFR	4th Thursday
						Vince, WA8BIJ	5th Thursday

## Membership Request

Date: \_\_\_/\_\_\_/\_\_\_\_\_

Request For:

\$20.00 LCARC Individual Membership  
Are you a New Member? ( Y / N )

\$30.00 LCARC Family Membership

\$10.00 Print and Mail me *The Tuned Circuit* via US Mail

\$2.00 LCARC Student Membership (Under 18 years of age)

\$3.00 Club Badge created with my Name and Call sign

Please update my membership information because it has changed.

Call sign: \_\_\_\_\_ Old Call Sign: \_\_\_\_\_ Street: \_\_\_\_\_

Name: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_

Spouse: \_\_\_\_\_ Zip: \_\_\_\_\_ - \_\_\_\_\_

Phone: (\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_ Email Address: \_\_\_\_\_

(Please indicate your name above even if it hasn't changed, so we know who's giving us money and can mark that you've paid in our records.)

L'Anse Creuse Amateur Radio Club  
Cathy Chauvin, KC8WNK  
29112 Elmwood St.  
St. Clair Shores, MI 48082-1616

Only membership applications to go this address, all other mail should go to the club's main PO Box. Make sure you use the full 9 digit zip code when mailing in your application.

### Treasurers Box

Date Paid: \_\_\_\_\_

Amount: \_\_\_\_\_

Initials: \_\_\_\_\_

Note: LCARC dues are from Nov 1st to Oct 31st  
Class License (Circle One)  
Novice Technician Tech+  
General Advanced Extra

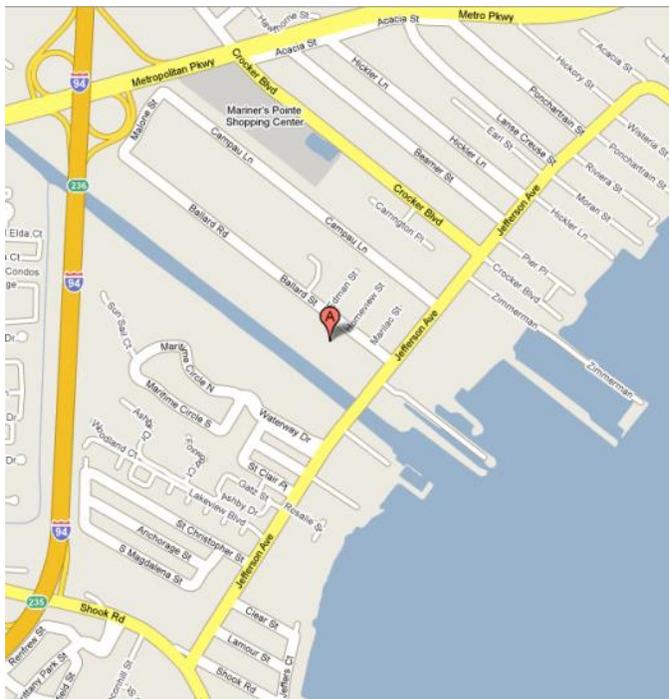
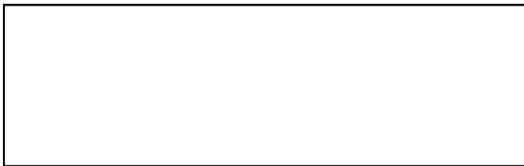
I am ARRL Member: ? ( Y / N )

# *The Tuned Circuit*

## Monthly Bulletin of the L'Anse Creuse Amateur Radio Club

First  
Class  
Postage

L'Anse Creuse Amateur Radio Club  
P.O. Box 180072  
Utica, MI 48318  
LCARC Web Site  
<http://www.n8lc.org>  
E-mail: [info@n8lc.org](mailto:info@n8lc.org)



The L'Anse Creuse Amateur Radio Club meets at 7:30 pm the first Wednesday of each month, except during July and August. Meetings are held at Tucker Senior Center located at [26980 Ballard St, Harrison Township, MI 48045](#) unless indicated otherwise in the most current issue of the Tuned Circuit. Call-in on the Echo Repeater (N8LC) on 147.08 MHz (+ 600 KHz, 100 Hz PL tone) for any meeting information, or to ask a member for the location of the meeting.