

THE TUNED CIRCUIT

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

THE PREZ SEZ

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Next Meeting - 7:30 PM **November 6nd, 2013** at the Tucker Senior Center (see [last page](#) for map and address).

Meeting Program - The program for our November meeting will be Officer nominations, and swap planning.

The monthly board meeting will take place on Wednesday, November 13th, 2013.

Well it's that time of year again to nominate/volunteer for different positions within the club. At the November meeting we will be asking for volunteers or nominations for these positions. Some of them include, President Elect, Secretary, Treasurer, Technical Chair, ARRL liaison, Swap Chair, Snack/Coffee Chairman, Activities Chair and a few other positions within the club. Not all of these need to be voted on, but please think about volunteering for a position within the club. Many hands make the club run much easier and much more efficient. At the November meeting we will also discuss the SWAP. We are well on our way and I just emailed a bunch of folks the invitation letter and a swap flyer. I hope this rattles a bunch of cages and we get a few more vendors to our swap. Speaking of SWAPS the USECA swap was great as usual. The food was good and they had plenty of tables that were filled with lots of "Stuff" that you could buy. They gave us a club table and Cathy and I sold tickets for the IC-7200 that we will be giving away at our swap. Cathy also managed to get a few new people to sign up and pay dues to become members of our club. NICE JOB Cathy. She also managed to get a few folks to drop a few \$\$ in our "Help the repeater" jar. Over all it was a really nice time.



Gregg Crump N8GEO

The club is still accepting membership dues for next year and also for the Christmas party. So do what I did, write a check for \$60 and you kill three birds with one stone. 1. You can pay your club dues (\$20). 2. Pay for you and a significant other to attend a fantastic Christmas party (\$20 each for a total of \$40). 3. You also get to impress and get on the good side of your significant other by taking them out for a very nice evening. I know that it always helps to get a few extra brownie points with Robin when I take her out to a nice sit down dinner (no White Castle). You all know that I need all the help I can get. Don't forget that when you purchase your dinner tickets you get a raffle ticket for the radio that we will be giving away at the Christmas dinner party.

(Continued on page 2)

(Continued from page 1)

As I type this the outside temperature is in the low 30's so Winter is on its way and it's just about the right time for fixing, putting up and adding to your antenna farm. All we need is a little bit of snow and it will be perfect. But in all seriousness now is the time to get that antenna in shape for the next 6 months of hard weather. There is nothing much worse than sitting down to the rig in the middle of the winter to have some fun (with coco in one hand and the mic in the other) and realize that your SWR is about 10:1. Not good. If you need help let me know. I cannot promise that we will be able to fix everyone's issue but we can give it heck. So take a look and make sure that you are prepared (to have fun). See you all at the November meeting.

73,
Gregg



*The program for
our November
meeting will be
Nominations and
Swap Planning.*

NOVEMBER MEETING PROGRAM

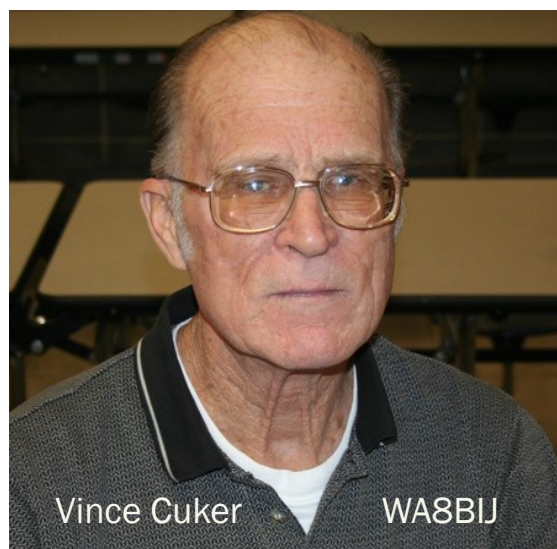
November? What happened to our summer? We must have been having lots of fun for it to go that fast. In August and September, my residence was the McLaren hospital for more days than I would have liked. Fortunately, my fainting spells have been diagnosed and I'm doing much better. My head has healed quite good, except for the tell-tale scare as a reminder of that exciting experience.

The November program is a very important one for our club's future. Two items are on the agenda. First, are nominations for club officers for the club's coming fiscal year. We have a lot of club members who are capable of filling any of the club's offices. Up for grabs are: VP and President-Elect; Secretary; Treasurer; ARRL Liaison and Activities Manager.

The next (and very important) agenda item is planning for our December 8th Swap. We still have another meeting after the November 6th meeting, so we can make our final plans at that time.

Gregg/N8GEO is asking for someone to step up and take over the Swap Chairman's position. Gregg has held this position for many years, and would appreciate a reprieve. He has great notes to follow, so the new Chairman will have no problem jumping in and taking over. Gregg stated he will assist the new chairman, making the transition go smoothly.

Vince/WA8BIJ
Program Chairman



Vince Cuker

WA8BIJ

Report of the Secretary

The October 2, 2013 meeting was called to order promptly at 7:30pm, or so. **Gregg, N8GEO** still can't find the darn gavel. Intros were made with one visitor **Jerry W9NPI**. The forged copy of last month's minutes was approved.

NET Points **Vince WA8BIJ** gave his report **N8GEO/600, W8VO/1550, K8VFR/1850, K8DDP/2400, WU8C/3500, And Wayne with 4950 point**. (I am going to ask Vince for a recount next month). QSL Report, 11 requests one each from FD04, FD08, FD11, MIQP11, MIQP13, two from MIQ09, and four from FD13. To date (from 09/05/2004) received 1394 of which 1303/eQSL and 91 Direct by Mail?



Mark Castiglione, N8REZ

Repeater/Webpage and where's Doug report, **N8PYN Doug** blamed **Greg, N8GEO** for the time on the webpage as being correct, so Doug assigned him the job. We received a compliment on our webpage from an advertiser, Hamtest.com. There almost was a repeater meeting but the principals missed each other. Doug will be/was at the USECA swap, which is over as you read this. (Hope you had a good time).

Speaking of things that are over, the Free Press marathon was on Oct 28th. **Bob KB8QYJ** was calling for volunteers to help out in the race. (Next year go to the Free Press website and sign up. I am sure they had a great time. At least I hope so!)

Treasurers Report, **Kathy WC8WNK**, informed us that the Youth forum has \$75.68, Repeater fund \$145.05 and the General fund has \$1013.27. The deposit for the Christmas party was made at Sa-jo's restaurant. Dues renewal is ongoing and received several today at the meeting.

Dayton N8GEO, hotel confirmations will be a little different this year. The rooms are reserved, but when you call and grab a reserved room it will be placed under your name and will be referenced by your name from then on.

The Board meeting will be at Rose's Café on Harper near 13 mile, 7:30-8:45pm

The HF radio raffle is under way. **N8GEO** and **N8PYN** sold tickets at the GMARC swap. Tickets are \$10 and we need to sell 95 to break even. LCARC swap flyers are available, See **Gregg N8GEO**.

HELP wanted: We have immediate openings for the following: Swap Chairman (dictator), Refreshment person (for the club meetings), Nominees for the club board (nominate someone you like or anyone you want to sit at the front table to keep an eye on).

Notices: Clem W8VO will now handle the 15 meter net. Tickets are still available for the Christmas party Dec 11, \$20. Free raffle ticket for a radio with dinner ticket purchase.

The door prize raffle was held. K8GTV had enough and asked us to stop, W8VO stood with him. Meeting adjourned at 8:20 pm.

The program was presented by Jerry W9NPI on "The Singing Arc".

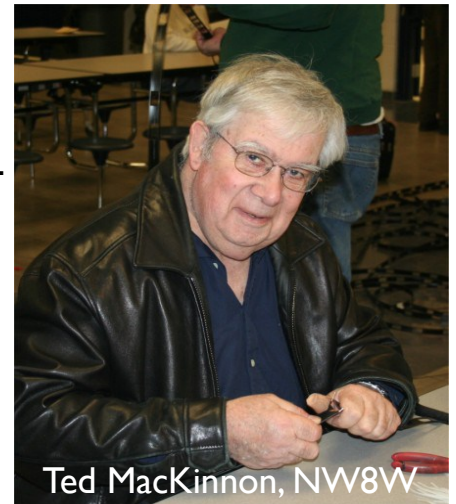
Respectfully submitted by Mark, N8REZ

Membership Report

Our member database shows that we now have 62 members. Of these, 34 have renewed for 2014 or are counted as Life Members. Twenty eight have not yet renewed for 2014.

Marsha Fleming N8FE, of Oak Park, Michigan is a new member. Welcome to LCARC—and enjoy Ham Radio!

Dues for 2014 are due during the October prior to the oncoming year. After the meeting of February 2014, those who have not paid for 2014 will be dropped from the database and will not receive the Tuned Circuit.



Ted MacKinnon, NW8W

Be on the lookout for those who are interested in Amateur Radio, especially young persons. 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.

Ted NW8W
10/18/2013



LCARC Christmas Party

Submitted by Keith/W8KD



Burrrrr, winter will soon be showing its face. That means that two of the radio club's important activities are sneaking up on us. The Swap and Shop and the Christmas Party. The Christmas Party is December 11th at [Sajo's](#) located at 36470 on Moravian Drive just west of Garfield Rd. It starts at 6:30 with a nice dinner prepared and served by Jim and Susan Sage's able staff. I am sure that it will be another great evening. The menu will be your choice of Pecan Chicken or Steak Portobello or Norwegian Salmon. There will be cake for desert. The menu includes house salad, soft drinks, coffee or tea. Alcoholic beverages are available for purchase. That evening will include the transfer of the gavel to the new president and the drawing for the radios (one is a [Yaesu FT-7900](#) and the other is a Baofeng dual band handheld.). The cost is \$20 per person which includes a ticket for the radio drawing. Extra drawing tickets will be available at the meeting for \$5.00 each. We have to provide Sajo's with a firm number expecting to attend by the end of November. So, be sure to get your ticket, or make arrangements with Cathy Chauvin to hold tickets for you





Reminder! 2013/2014 LCARC club dues are due NOW!



Bring your money and the Membership Request form on [page 15](#) to the club meeting, OR mail your check as instructed on the [Membership Request form](#).

Changing of the Guard

Vince/WA8BIJ

It has been nine interesting years (and 1,200 QSL's) since I took over (or started) the club's QSL program. It has been a lot of fun, and interesting, to confirm the QSL requests we have received over that time.

I mentioned at the last Board meeting (10/9/2013), because of my recent medical problems, I feel it is time to pass the QSL program reins over to someone else. The QSL management activity involves answering requests from contacts requesting a confirmation of their contact with our club station call, N8LC. These confirmations are done either electronically, using eQSL® or direct, if the club receives an SASE.

I am willing to offer a crash course on how I do this, along with all the records for the past nine years. I am willing to go to the new managers home and run through the process. Or, he/she can come to my location. It is exceedingly easy to do, and requires little time to keep track of the records.

If I can do this for nine years, it certainly is not that confusing. If we do not get a volunteer in the near future, the records will be turned over to the Board of Directors.

I will be able to continue doing the record keeping for a short time, while we wait for the next in line.

Thank you for the help.

Vince / WA8BIJ



ECHO repeater maintenance 10/08/2013

As many ECHO users observed, the repeater became very "hard of hearing" some time around October 2nd. It was definitely not working up to par for the 2M net on October 3rd. On Tuesday the 8th a group went to the repeater site to diagnose and repair. First on the scene was Mark / N8REZ.

Mark quickly located the fault. It seems one end of the cable from the controller was not as tight as it should be. A prompt reseating of the cable and, as we used to say at work, "TWA" (trouble went away). Below is a picture of the reseated cable, with the screws NOW tightened appropriately.



Remember that we end Daylight Saving Time on
Sunday, November 3, 2014 at 0200 (or 2:00 AM).



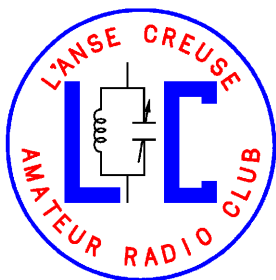
From the ARRL Contest Update for October 9, 2013

Ken WØKAH suggests "listening to air traffic controllers and pilots is good practice for keeping transmissions short and concise. The same goes for copying the clearances given to aircraft departing on instrument flight plans (all commercial flights departing a major airport). liveatc.net is an excellent resource that is available over the internet, free of charge. Listen to approach or departure control at any of the major airports for the traffic between pilots & controllers. For hard-core copy practice, listen to clearance delivery at Chicago, Boston, New York, etc. A good source for looking up airport codes is airnav.com, just click on *Airports* and enter a city or airport name, such as Kennedy, Logan, Boston, etc. You'll get a list of airports to choose from." That's one environment in which you definitely want 100% copy!

AMATEUR RADIO/COMPUTER SWAP

L'ANSE CREUSE AMATEUR RADIO CLUB 41st ANNUAL SWAP & SHOP

SUNDAY, DECEMBER 8, 2013



L'ANSE CREUSE HIGH SCHOOL

Mount Clemens, Michigan

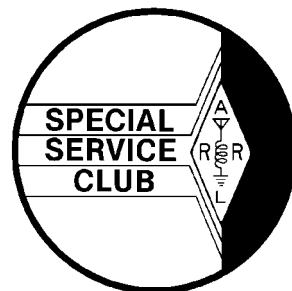
38495 L'Anse Creuse St.

GPS N42 34.922 W82 51.234

8 am - Noon

TICKETS: \$5.00

(Kids under 12 Free)



NEW & USED EQUIPMENT:

- **RADIOS – Amateur, Commercial, CB**
- **ELECTRONICS & COMPONENTS**
- **COMPUTERS AND SOFTWARE**
- **ACCESSORIES**

FCC EXAM SESSION:
9:00 AM (WALK-INS WELCOME)

A separate drawing for an Icom IC-7200 HF+6 meter radio will be before the swap closes. Separate tickets will be available at the club table.



PRIZES:

- **1st \$ 100, 2nd \$50, 3rd \$25**
- **ARRL Books**
- **Handbook, Operation Manual, etc.**

SWAP FEATURES:

- **FREE PARKING**
 - **FOOD & DRINKS**
- Talk-In: ECHO Repeater 147.08+ 100hz**

Complete swap flyers will still be available at the November club meeting.

The \$10 tickets for the **ICOM IC-7200** raffle will be available at the November and December club meetings.

Uno, Dos, Tres...

By Dan Romanchik / KB6NU

If you have done any amount of listening to shortwave radio outside of the ham bands, you have undoubtedly run across "numbers stations." The broadcasts from these stations consist streams of numbers or letters, often in a computer-generated female voice speaking in Spanish. Every now and then, a numbers station pops up on 30m, sending five-character groups in Morse code.

According to the Conet Project (<http://www.irdial.com/conet.htm>), "Shortwave Numbers Stations are a perfect method of anonymous, one way communication. Spies located anywhere in the world can be communicated to by their masters via small, locally available, and unmodified Shortwave receivers. The encryption system used by Numbers Stations, known as a 'one time pad' is unbreakable. Combine this with the fact that it is almost impossible to track down the message recipients once they are inserted into the enemy country, it becomes clear just how powerful the Numbers Station system is."

The Conet Project sells a CD with a number of recordings for \$55, but you can find a bunch of mp3 files at <http://www.archive.org/details/ird059> for free.

Recently there was a thread on the Glowbugs Google Group about numbers stations. One fellow mentioned "The Numbers Station," a movie released earlier this year starring John Cusack. IMDB (<http://www.imdb.com>) says that The Numbers Station is about "a disgraced black ops agent dispatched to a remote CIA broadcast station to protect a code operator. Soon, they find themselves in a life-or-death struggle to stop a deadly plot before it's too late." It's currently available for streaming on Netflix, and I watched it recently. It's kind of violent (lots of people get shot), but it's a decent thriller.

Jim, K6FWT mentioned ENIGMA 2000 (<http://www.apul64.dsl.pipex.com/enigma2000/>). The group's website describes ENIGMA 2000 as "a UK based online group, whose aims are to bring together listeners and enthusiasts who monitor and gather information on 'Number Stations' and other related radio transmissions. Through our Yahoo Group monitors can share their logs, discuss frequencies, thoughts and opinions on this most emotive subject." Jim says, "These folks are SERIOUS enthusiasts. I have heard that they surpass many intelligence services with their thoroughness. You can get in up to your eyeballs if you don't watch it."

These stations have been around since World War II. I remember as a kid in the 1960s and 1970s, reading articles about numbers stations in Popular Electronics and Electronics Illustrated. They're as much of a mystery today as they were back then.

=====

When he's not listening to numbers stations, Dan, KB6NU enjoys working CW on the HF bands and teaching ham radio classes. For more information about his operating activities and his "No-Nonsense" series of amateur radio license study guides, go to KB6NU.Com or e-mail cwgeek@kb6nu.com.

L'Anse Creuse ARC Board Members – 2013

President

Gregg Crump, N8GEO
29729 South River
Harrison Twp., MI 48045
(586) 477-0364
n8geo@arrl.net

VP and President-Elect

Rick Vandecar, W8RTV
39816 Elmite
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w8rtv@wowway.com

Secretary

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28307 Gold Rd
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(586) 822-0051
mscast@att.net

Treasurer

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29112 Elmwood St.
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catwink@ameritech.net

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Mt Clemens, MI 48043
(586) 463-8666
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Activities Manager

Vince Cuker, WA8BJ
145 Huron Dr.
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(586) 463-8666
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Past President

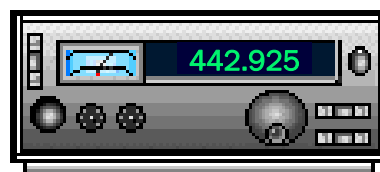
Doug Chauvin, N8PYN
29112 Elmwood St.
St Clair Shores, MI 48082
(586) 775-1891
dougn8pyn@ameritech.net

Technical Officer

Marty Folz, K8HVI
40360 Ryan Rd.
Sterling Heights, MI 48310
k8hvi@arrl.net



LC Echo Repeater
100 HZ PL



LC Echo 440 Repeater

Board Meeting Time and Location

Board Meetings are regularly held at Rose's Family Dining, 31301 Harper Ave, north of 13 Mile Road, at 7 pm on the Wednesday after the regular membership meeting (except December). 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). All are welcome to attend. 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	TBD—how about YOU?	
Call Sign ID Tags	Gregg Crump	N8GEO	Membership Chairman	Ted MacKinnon	NW8W
			TC email distribution		
Christmas Party	Keith Harris	W8KD	Net Points Manager	Tom Mathison	WU8C
Club Apparel & Patches	Gregg Crump	N8GEO	Net Points Upgrade Awards	Vince Cuker	WA8BIJ
Club Call Trustee - K8AYZ	Ted Bak	K8EO	TC Postal Distribution	Vince Cuker	WA8BIJ
Club Call Trustee - N8LC	Marty Folz	K8HVI	Outgoing QSL Manager	Vince Cuker	WA8BIJ
Code Proficiency Awards	Vince Cuker	WA8BIJ	QSL Cards	Vince Cuker	WA8BIJ
Dayton Trip	Gregg Crump	N8GEO	Swap Chairman / Swap Tables	TBD	
Door Prizes—Buyer	Jim Stafford	K8LFE	Tuned Circuit Editor	John Huber	N8FYL
Door Prizes—Tickets	Wayne Hearn	WG8U	Volunteer Exams	TBD	
Echo Repeater Trustee	Marty Folz	K8HVI	Webpage (n8lc.org)	Doug Chauvin	N8PYN
Field Day	John Huber	N8FYL	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 or editor@n8lc.org

Phone: (248) 740-2693

Submissions can 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.

I'm in Google Street View. Are You?

John / N8FYL

One Saturday in August, 2012 I was out in front of my house doing yard work. I observed the [Google Street view camera car](#) come down my street, stop in front of my house, make a U turn and drive away. "Cool" I thought. Maybe now our street (and my house) would appear in Google Maps "street view".



After a wait of many months, sometime in 2013, the street view images appeared. Not surprisingly, there I was, [standing in my driveway with a yard waste bag](#), waving at the camera! Perhaps the link in the previous sentence will enable you to see the image. It works for me, but I know with all the variable configurations in our PC's with Google tools, it might not work for everyone.

Upon exploring the Street View images I learned why the camera car turned around in front of my house. My street is paved to the east of my house but has a quarter mile dirt section to the west. The street view data just skips that section of the street. They must not have wanted to stir up the dust and get it on their sophisticated cameras! 😊

Future Programs & Activities

Vince Cuker, WA8BIJ—Activities Manager

November 6, 2013	Swap Planning/Officer nominations
December 4, 2013	Elections and final swap plans
December 8, 2013 (Sunday)	LCARC Swap
December 11, 2013 (Wed.)	LCARC Christmas Dinner at Sajo's
January 8, 2014 (2nd Wed.)	Club Mini-Swap (2nd Wednesday because 1st Wednesday is New Year's Day)
February 5, 2014	White Elephant Exchange
March 5, 2014	Building Project
April 2, 2014	
April 19, 2014 (Saturday)	Michigan QSO Party
May 7, 2014	Field Day Planning
May 16,17,18, 2014	Dayton Hamvention
June 4, 2014	Fox Hunt
June 28, 2014 (Saturday)	ARRL Field Day!



VE Testing Locations and Practice Resources

Online Practice Exams and Morse

Code information obtained from the Hazel Park ARC's "The Zero Beat" May, 2006 edition.

Online Practice Exams

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

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

<http://www.ah0a.org/AH0A.html>

<http://www.wvara.org>

Morse Code

<http://www.g4fon.net>

VE Testing Locations

Ann Arbor 313-662-6663
(Second Saturday Monthly)

Arrow 313-663-4625

Hazel Park—Jerry Begel, W9NPI,
w9npi@arrl.net 248-543-2284
First Tuesdays of Even Months

Motor City 313-676-6284

USECA n8oz@k8uo.com
(3rd Monday Monthly except during
the months of July and August)

LCARC (TBD)

Are you interested in volunteering
to coordinate and host testing for
LCARC? Contact our President,
Gregg N8GEO to express your inter-
est.



Upcoming Swaps

11/16/2013 | Indiana State Convention (Fort Wayne Hamfest and Computer Expo)

Location: Fort Wayne, IN

Type: ARRL Convention

Sponsor: Allen County Amateur Radio Technical Society

Website:

<http://www.fortwaynehamfest.com>

12/08/2013 | LCARC Hamfest/Swap

Location: Harrison Township, MI

Type: ARRL Hamfest

Sponsor: L'Anse Creuse Amateur Radio Club

Website: <http://www.gsl.net/n8lc/>

01/12/2014 | HPARC Hamfest/Swap

Location: Hazel Park, MI

Type: ARRL Hamfest

Sponsor: Hazel Park Amateur Radio Club

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

02/16/2014 | Livonia Amateur Radio Club Swap-N-Shop

Location: Livonia, MI

Type: ARRL Hamfest

Sponsor: Livonia Amateur Radio Club

Website:

<http://www.livoniaarc.com/Swap.htm>

05/16-18/2014 | Dayton Hamvention

Location: Dayton, OH

Sponsor: Dayton Amateur Radio Association

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

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

November 2013

± NCCC Sprint	0230Z-0300Z, Nov 1
± IPARC Contest, CW	0600Z-1000Z, Nov 2 and 1400Z-1800Z, Nov 2
± Himalayan Contest	1200Z, Nov 2 to 1200Z, Nov 3
± Ukrainian DX Contest	1200Z, Nov 2 to 1200Z, Nov 3
± NA Collegiate ARC Championship, CW	2100Z, Nov 2 to 0300Z, Nov 4
± ARRL Sweepstakes Contest, CW	2100Z, Nov 2 to 0300Z, Nov 4
± IPARC Contest, SSB	0600Z-1000Z, Nov 3 and 1400Z-1800Z, Nov 3
± High Speed Club CW Contest	0900Z-1100Z, Nov 3 and 1500Z-1700Z, Nov 3
± DARC 10-Meter Digital Contest	1100Z-1700Z, Nov 3
± ARS Spartan Sprint	0200Z-0400Z, Nov 5 1800Z-1900Z, Nov 7 (CW) and 1900Z-2000Z, Nov 7 (SSB) and 2000Z-2100Z, Nov 7 (FM) and 2100Z-2200Z, Nov 7 (Dig)
± NRAU 10m Activity Contest	0230Z-0300Z, Nov 8
± NCCC Sprint	0000Z, Nov 9 to 2359Z, Nov 10
± WAE DX Contest, RTTY	0001Z, Nov 9 to 2359Z, Nov 10
± 10-10 Int. Fall Contest, Digital	0700Z, Nov 9 to 1300Z, Nov 10
± JIDX Phone Contest	1200Z, Nov 9 to 1200Z, Nov 10
± OK/OM DX Contest, CW	1200Z, Nov 9 to 2400Z, Nov 10
± SKCC Weekend Sprintathon	1400Z, Nov 9 to 0200Z, Nov 10
± Kentucky QSO Party	1900Z, Nov 9 to 0500Z, Nov 11
± CQ-WE Contest	1800Z-2000Z, Nov 13
± NAQCC-EU Monthly Sprint	2000Z-2100Z, Nov 13
± RSGB 80m Club Sprint, SSB	0230Z-0300Z, Nov 15
± NCCC Sprint	1600Z-2200Z, Nov 15
± YO International PSK31 Contest	0000Z, Nov 16 to 2359Z, Nov 17
± ARRL EME Contest	1000Z, Nov 16 to 1000Z, Nov 17
± SARL Field Day Contest	1200Z, Nov 16 to 1200Z, Nov 17
± LZ DX Contest	1600Z, Nov 16 to 0700Z, Nov 17
± All Austrian 160-Meter Contest	1600Z-1800Z, Nov 16
± Feld Hell Sprint	2100Z, Nov 16 to 0300Z, Nov 18
± ARRL Sweepstakes Contest, SSB	0000Z-2400Z, Nov 17
± EPC PSK63 QSO Party	0200Z-0400Z, Nov 18
± Run for the Bacon QRP Contest	0130Z-0330Z, Nov 21
± NAQCC Straight Key/Bug Sprint	0230Z-0300Z, Nov 22
± NCCC Sprint	0000Z, Nov 23 to 2400Z, Nov 24
± CQ Worldwide DX Contest, CW	0000Z-0200Z, Nov 27
± SKCC Sprint	2000Z-2100Z, Nov 28
± RSGB 80m Club Sprint, CW	0230Z-0300Z, Nov 29
± NCCC Sprint	0000Z-2359Z, Nov 30
± Feld Hell Sprint	

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.

Where are all the Hams? Explore 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]

A longish (45 minutes), but good [YouTube video](#) about erecting a commercial radio tower. [provided by NW8W/Ted 08/13]

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

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/

A fascinating site about the W8JI 160 M contest station and a lot more. Worth your 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 tool!

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>

Maglite Information

http://www.maglite.com/knowledge.asp?gclid=COa_4rPT8YgCFQGPWAodq32nsA

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=vBGldf0VjQ4>

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
Thursday	0130	2030	2 M	FM	147.08+ MHz	Clem, W8VO	1st Thursday
						Wayne, WG8U	2nd Thursday
						Gregg, N8GEO	3rd Thursday
						Rose, K8VFR	4th Thursday
						Vince, WA8BIJ	5th Thursday
Sunday	2100	1600	40 M	SSB	7.224 MHz +/-	Art, W8PBO	Every Sunday

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

L'Anse Creuse Amateur Radio Club

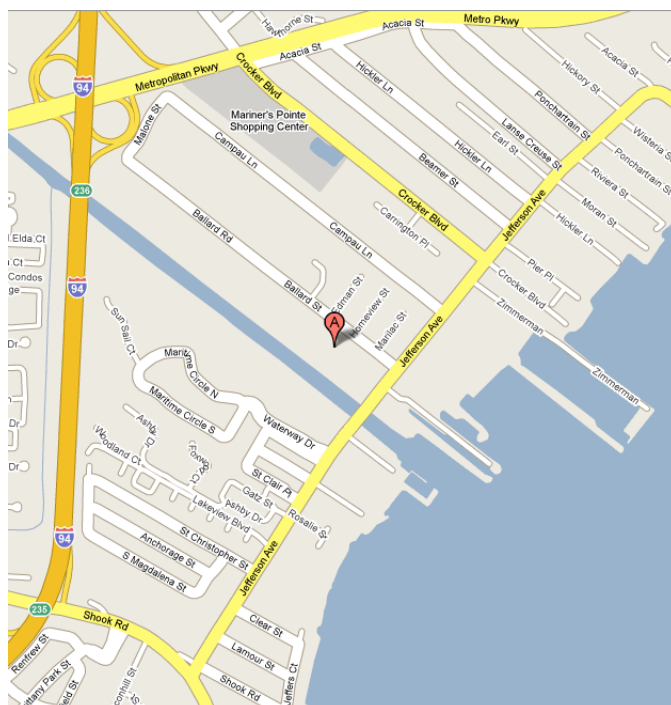
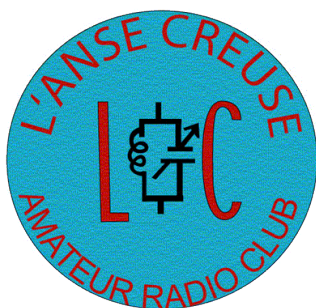
P.O. Box 180072

Utica, MI 48318

LCARC Web Site

<http://www.n8lc.org>

E-mail: info@n8lc.org



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.