

THE TUNED CIRCUIT

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

THE PREZ SEZ

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Next Meeting - 7:30 PM **November 5th, 2014** at the Tucker Senior Center (see [last page](#) for map and address).

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

The monthly board meeting will be on Wednesday, November 12th, 2014.

Happy Halloween ! I hope that you had happy Halloween. Daylight saving time ends on November 2, 2014. Don't forget to set your clocks back 1:00 hour or you may be late where ever you going. November 5, 2014 is our meeting at 7:30 PM for swap planning and officer nominations please come to the meeting that night.

November 27, 2014 is Thanksgiving Day, the time to give thanks for our health, family, friends, and all the food that we can eat. I hope that you all have a Happy Thanksgiving.

December 7, 2014 is the L'Anse Creuse swap. If you can help on Saturday from 6 to 8 PM come to the L'Anse Creuse High school for swap set up or you can help Sunday on the day of the swap. Many will do both! Please come on Sunday Moring at 6:00 AM. We need your help that day.

December 10, 2014 is the Christmas dinner party at Sajo's. You can get tickets from Cathy Chauvin (KC8WNL) at the meeting. I hope that you all have nice week and see you all at the meeting.

73

Rick/W8RTV



Rick Vandecar - W8RTV

AMATEUR RADIO HAMFEST/SWAP

[L'ANSE CREUSE AMATEUR RADIO CLUB](#)
[42nd Annual Swap & Shop](#)

SUNDAY, DECEMBER 7, 2014

NOVEMBER 5TH MEETING PROGRAM

I know, it's hard to believe this time of year has rolled around again! It's time for our nominations of officers for the clubs coming fiscal year, and swap plans for our December 7th Swap 'N Shop.

Gregg/N8GEO has been doing a great job of preparing for our swaps, and final plans should be pretty well cut and dry, but I'm sure a few last minute items will come up at the meeting.

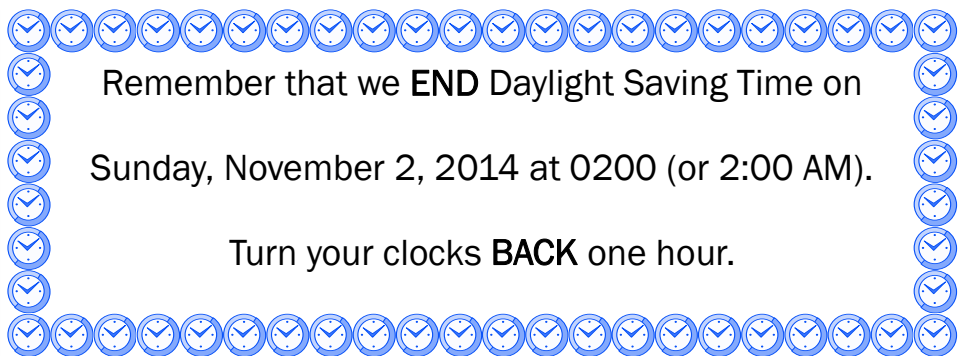
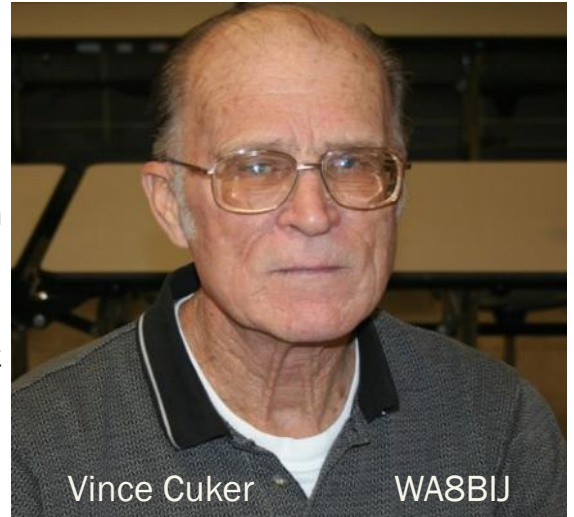
Gregg has been at the helm as chief honcho for the swap for many years, and has the preparations documented in the event someone else takes the reins, which brings us up to the next decision the club has to make. Gregg would like to move on to the other programs he is active in with the club, and is asking for someone to take over the Swap planning. Gregg will stand by your side and lead you through the procedure.

In reference to nominations, we have a multitude of qualified members who can handle any of the open positions.

It would be so nice if each of you members who will be nominated for a club office accept the nomination. I know you would not be chosen for the task if the nominator didn't have faith in your ability.

CU at the November 5th meeting!

Vince / WA8BIJ
Program Chairman



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

Turn your clocks **BACK** one hour.

Reminder!

LCARC club dues for 2014/2015 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](#).

Report of the Secretary

L'Anse Creuse ARC Meeting minutes — October 1, 2014

Rick W8RTV called the meeting to order at 7:35 pm or so. Introductions were made. No upgrades. Approval of the previous minutes was called for and supported. One visitor **Fred WB8ITB** (or maybe he just missed the first 1000 meetings) **Treasurer Report: Kathy WC8WNK** gave the report, Thanks for paying dues



Mark Castiglione, N8REZ

Net Points and QSL report, Vince WA8BIJ Net awards were given to W8RTV, N8HAR, N8PYN, W8VO, and of course WA8BIJ. Program issues ensued. Vince was stood up so his backup is showing a video on VHS. But no player. He tried several other videos before settling on a re-run of an antenna change atop a 2000 foot tower. Whew !

Doug N8PYN, Repeater and reflector Report, repeater good success. Generator was locked, the key we had was for the transfer box. Generator had no coolant and needs maintenance. The commercial equipment was sold so the new owner will be contacted to figure who is responsible for the repair.

Some of the backup repeater boards were swapped in. Power amp was swapped, tweaked and power came up. Running on backup amp @ 65 watts. Main amplifier needs power adjustment control changed.

Squelch was tweaked and may need a little more.

Where's Doug Useca swap this month. Next month he is home. No reflector issues.

Gregg N8GEO Swap biz.. The school application is finally approved, as they lost our application. Gregg gave a certificate of appreciation to the Knights of Columbus. It was very well received. Tickets are being printed for this year's radio raffle. Flyers being printed, available next month. Radio raffle issues discussed. Setup will be at 6pm – 8pm on Saturday before.

New Biz

Feb 18 2015 VE test session at the Tucker Center

Volunteer for the Free Press marathon. Need software mentor Macomb county public service corps APRS talk.

K8RO called for adjournment, N5WCS seconded.

Meeting ended.

Respectfully submitted by N8REZ

Membership Report

Our member database now shows 60 members, ten life members are included in this count..

Many members have already "re upped" for 2015. Do not be among the last to avail yourself of the advantages of LCARC membership! Bring your \$20 and a filled out [membership application](#) to the November meeting on November 5th.

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 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

10/24/14



Ted MacKinnon, NW8W



LCARC Christmas Party

Submitted by Keith / W8KD



Burrrrr, winter will soon be showing its face. That means that two of the radio clubs important activities are sneaking up on us. They are the Swap and Shop and the Christmas Party. The Christmas Party is December 10th 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 Sajo's able staff. I am sure that it will be another great evening. This year you may choose from my favorite Pecan Chicken or Bourbon Beef Tenderloin or Fillet of Sole. There will be cake for desert. The menu includes house salad, soft drinks, coffee or tea. Alcoholic beverages are available for purchase. The evening will include the transfer of the gavel to the new president and the drawing for the radios. 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. There will also be a drawing for the ladies attending. We have to provide Sajo's with a firm number expecting to attend by the end of the month. So be sure to get your ticket or make arrangements with Cathy Chauvin, KC8WNL, to hold tickets for you.



Long time waiting for QSL.

Submitted by Vince/WA8BIJ

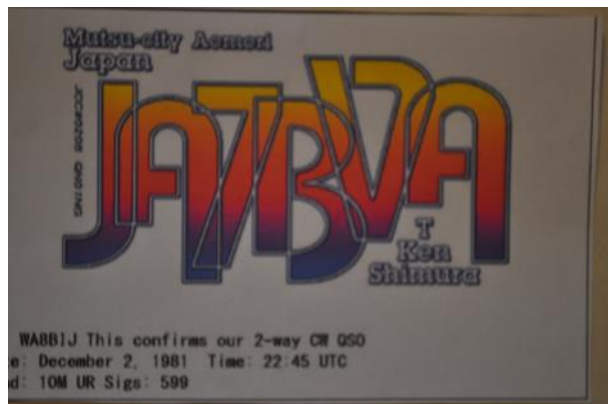
My last record for how long it took a QSL card to get to me was 18 years. That one can now be replaced with the one shown.

Checking my eQSL site on Oct. 22nd, I found amongst 12 cards, the one shown here. My CW QSO with Ken (Kenechi, in Japanese) was one that lasted a while. Not the "599 73, QRZ" type of QSO.

Looking at my notes of that QSO reminded me of how interesting it was. But, I never got a QSL card off to Ken, because I have, in the past made many Japan QSO's. Needless to say, I was surprised to receive this one from him. The QSO is dated December 2, 1981. In a couple of weeks, it'll be 33 years.

I always keep a meticulous log of my contacts, and this makes it very interesting to look back on these logs.

Vince/WA8BIJ



Really? You Should Replace Smoke Detectors?

By John / N8FYL



The short answer is “**Yes**”! I didn’t know until about a year ago that smoke detectors, and particularly combination smoke and carbon monoxide detectors, have a finite, useful life. I discovered this when I replaced the batteries in my chirping detector, and it continued to chirp! A little investigation on the Internet and in the documentation that came with the detector (yeah, I keep that stuff) revealed that my model would exhibit this “end of life” behavior starting 7 years after the first power up cycle. Interesting. I immediately replaced my other, older, smoke only detector. I believe that all detectors currently on the market now have this “feature” to indicate when it’s time to replace them. According to The National Fire Protection Association ([NFPA](#)) **NFPA 72** {2013 edition} -

14.4.7 - Replacement of Smoke Alarms in One- and Two-Family Dwellings.

*14.4.7.1 Unless otherwise recommended by the manufacturer's published instructions, single- and multiple-stations smoke alarms installed in one- and two-family dwellings shall be replaced when they fail to respond to operability tests, **but shall not remain in service longer than 10 years from the date of manufacture.***

14.4.7.2 Combination smoke/carbon monoxide alarms shall be replaced when the end-of-life signal activates or 10 years from the date of manufacture, whichever comes first.

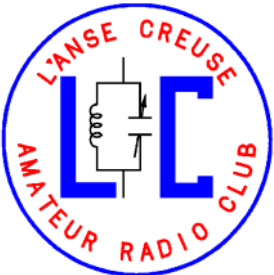

You might wonder what prompted this item in the *Tuned Circuit*?. Recently K8RO experienced a minor kitchen fire and his older smoke detector failed to sound the alarm! Fortunately the flames emanating from his boiled dry teakettle were detected soon enough to keep the damage to the “minor” level.

Thus, if you have smoke detectors older than 10 years, you should replace them, **EVEN** if they seem to operate correctly with the test button.

AMATEUR RADIO/COMPUTER SWAP

L'ANSE CREUSE AMATEUR RADIO CLUB 42nd ANNUAL SWAP & SHOP

SUNDAY, DECEMBER 7, 2014

	<p>L'ANSE CREUSE HIGH SCHOOL Mount Clemens, Michigan 38495 L'Anse Creuse St. GPS N42 34.922 W82 51.234</p> <p>8 am - Noon</p> <p>TICKETS: \$5.00 (Kids under 12 Free)</p>	
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<p><u>NEW & USED EQUIPMENT:</u></p> <ul style="list-style-type: none"> • <i>RADIOS – Amateur, Commercial, CB</i> • <i>ELECTRONICS & COMPONENTS</i> • <i>COMPUTERS AND SOFTWARE</i> • <i>ACCESSORIES</i> <p>FCC EXAM SESSION: 9:00 AM (WALK-INS WELCOME)</p>	<p>A separate drawing for an Icom IC-7200 HF+6 meter radio will be held before the swap closes. Separate tickets will be available at the club table.</p> 
<p><u>PRIZES:</u></p> <ul style="list-style-type: none"> • <i>1st \$ 100, 2nd \$50, 3rd \$25</i> • <i>ARRL Books</i> • <i>Handbook, Operation Manual, etc.</i> 	<p><u>SWAP FEATURES:</u></p> <ul style="list-style-type: none"> • <i>FREE PARKING</i> • <i>FOOD & DRINKS</i> <p><i>Talk-In: ECHO Repeater 147.08+ 100hz</i></p>

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.

Are knobs and buttons toast?

By Dan Romanchik, KB6NU

In a recent column on EETimes (http://www.eetimes.com/author.asp?doc_id=1324283), an old colleague of mine, Martin Rowe, says, "Knobs and buttons are slowly on their way out. Get used to it." He's referring to the controls on oscilloscopes, but if he were a ham, he might just as well be talking about amateur radio transceivers, too.

We already see this happening in amateur radio. FlexRadio, and a couple of other companies, already make transceivers with no front panel controls. You must have a computer to use them. Might we even start to see this with handheld and portable equipment? For example, how much cheaper could they make a Baofeng if to use it, you had to also have an Android or iPhone app to act as the human interface?

To be honest, I haven't really thought about this much myself. I'm enough of a dinosaur to still prefer buttons and knobs, but having to use on-screen controls certainly doesn't turn me off. Rowe claims, however, that "as the old-timers retire (or in our case as older hams become SKs), younger engineers (or young hams) will expect every user

interface to function like a phone or tablet. Don't believe me? Just wait."

I got several interesting replies to this idea on my blog. Bill, AD8BC says, "What would be fun would be an open-source mobile radio. I picture an RF deck with a Raspberry Pi and touch screen for control, the Pi would simply tell the RF deck where to tune and handle the interface and scanning functions, it would ship with a stock app, but you could make your own. Built in support for SDR stuff, packet, APRS, remote operation...."

Most commenters, however, even the younger guys, still seem to prefer analog controls. Lucien, DH7LM, says, "I'm a newly licensed ham and I like both – experimenting with advanced computer stuff like SDRs and the great feeling a real radio provides!" Grant, KJ6ZZD, says, "Knobs perform some tasks better than a screen can. Knobs provide some tactile feedback that a screen just can't."

So, what do you think? Are knobs and buttons toast, or do you think there's still some life left in analog controls?

=====

When not twiddling the knobs on his HF transceiver or relatively ancient Tek 2213 analog oscilloscope, you'll find KB6NU working on updates to his "No Nonsense" study guides or blogging about amateur radio at www.kb6nu.com.

N8LC / LCARC does well in 2014 Michigan QSO Party

Submitted by John / N8FYL

On October 6th, 2014 the fine certificate reproduced on the next page was delivered to my USPS mail box. I surmise they sent it to me because I was the one who submitted the N8LC MIQP log to the sponsor. N8LC was 3rd of 9 stations that submitted a log in the Michigan Multi-operator, Multi-transmitter class. We were 12th of 95 in the list of "Counties worked by Michigan stations" with 48 unique counties. N8LC was the only fixed station located in Lapeer county for the whole contest. It appears from the results found at http://www.miqp.org/2014/MiQP_2014.htm that K8MAD operated from Lapeer for a while, but then also from Tuscola and Sanilac counties. MIQP for 2015 is April 18-19.

© GORE 798

Michigan QSO Party

Sponsored by the
Mad River Radio Club

This Certifies That Station

N8LC

OPS. N8PYN, KD8LLT, N8FYL,

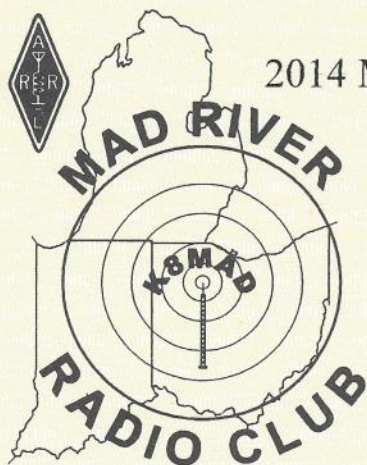
K8HVI & N8GEO

Has Achieved

3rd Place, Michigan Multi OP Multi Transmitter

In the

2014 Michigan QSO Party



Mr. L. Van Buren W D8S
Contest Chairman

Bob Hayes, KW8N
President

LTMO IN USA

L'Anse Creuse ARC Board Members – 2014

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39816 Elmite
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Activities Manager

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(586) 463-8666
wa8bij@arrl.net

Past President

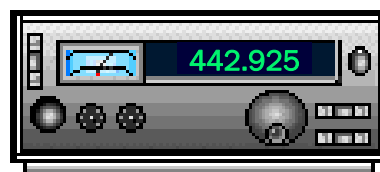
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Technical Officer

Doug Chauvin, N8PYN
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(586) 775-1891
dougn8pyn@ameritech.net



LC Echo Repeater
100 HZ PL



LC Echo 440 Repeater

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 [Linda's Place](#), 27200 Crocker Blvd (near Jefferson), Harrison Township, 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	Jim Stafford John	K8LFE 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	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	Doug Chauvin	N8PYN	Tuned Circuit 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	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 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.

Help STILL Needed !

Before the snow flies I would like to remove what's left of the antenna on my chimney. This requires some climbing which I am no longer able to do. I need a younger and more agile person to accomplish this task. I am asking someone(s) in the club to help in removing this from the chimney. I have included a picture of the situation so you know what you're getting into. Thank you, in advance, for any offers of help.



Dave Herrington, N8NLK
Contact: n8nlk@arrl.net
or (586) 465-2797

Future Programs & Activities

Vince Cuker, WA8BIJ—Activities Manager

November 5, 2014	Regular meeting—Swap Planning and Officer Nominations
December 3, 2014	Elections and final swap plans
December 7, 2014 (Sunday)	LCARC Swap
December 10, 2014	LCARC Christmas dinner Party
January 7, 2015	Regular Meeting
February 4, 2015	Regular Meeting
March 4, 2015	Regular Meeting
April 1, 2015	Regular Meeting, No Foolin'
April 18-19, 2015	<u>Michigan QSO Party</u>
May 6, 2015	Regular Meeting
June 3, 2015	Regular Meeting—followed by Fox Hunt!

VE Testing Locations and Practice Resources

Online Practice Exams and Morse

Online Practice Exams

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

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

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

Morse Code

<http://www.g4fon.net>

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

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

VE Testing Locations

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

Hazel Park—Jerry Begel, W9NPI, 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
Sunday December 7 at the LCARC Swap.
Tucker Senior Center,
Wednesday, February 18, 2015
Contact Cliff Ibbs ab8xq@arrl.net
(586) 567-0436 for details.



Upcoming Swaps

11/15/2014 | Fort Wayne Hamfest & Computer Expo

Location: Fort Wayne, IN
Type: ARRL Convention
Sponsor: Allen County Amateur Radio Technical Society
Website:
<http://www.fortwaynehamfest.com>

12/07/2014 | LCARC Hamfest/Swap

Location: Harrison Township, MI
Type: ARRL Hamfest
Sponsor: L'Anse Creuse Amateur Radio Club
Website: <http://www.qsl.net/n8lc/>

01/11/2015 | Hazel Park ARC Swap

Location: Hazel Park, MI
Type: ARRL Hamfest
Sponsor: Hazel Park Amateur Radio Club
Website: <http://hparc.org>

02/15/2015 | Livonia ARC Swap-N-Shop

Location: Livonia, MI
Type: ARRL Hamfest
Sponsor: Livonia Amateur Radio Club
Website:
<http://www.livoniaarc.com/index.php?page=swapshop>

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>

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

± IPARC Contest, CW	0600Z-1000Z, Nov 1 and 1400Z-1800Z, Nov 1
± Ukrainian DX Contest	1200Z, Nov 1 to 1200Z, Nov 2
± Himalayan Contest	1200Z, Nov 1 to 1200Z, Nov 2
± NA Collegiate ARC Championship, CW	2100Z, Nov 1 to 0300Z, Nov 3
± ARRL Sweepstakes Contest, CW	2100Z, Nov 1 to 0300Z, Nov 3
± IPARC Contest, SSB	0600Z-1000Z, Nov 2 and 1400Z-1800Z, Nov 2
± High Speed Club CW Contest	0900Z-1100Z, Nov 2 and 1500Z-1700Z, Nov 2
± DARC 10-Meter Digital Contest	1100Z-1700Z, Nov 2
± ARS Spartan Sprint	0200Z-0400Z, Nov 4 1300Z-1400Z, Nov 5 and 1900Z-2000Z, Nov 5 and 0300Z-0400Z, Nov 6 1800Z-1900Z, Nov 6 (CW) and 1900Z-2000Z, Nov 6 (SSB) and 2000Z-2100Z, Nov 6 (FM) and 2100Z-2200Z, Nov 6 (Dig)
± CWops Mini-CWT Test	0145Z-0215Z, Nov 7
± NRAU 10m Activity Contest	0000Z, Nov 8 to 2359Z, Nov 9
± NCCC RTTY Sprint	0000Z, Nov 8 to 2359Z, Nov 9
± ARRL EME Contest	0001Z, Nov 8 to 2359Z, Nov 9
± WAE DX Contest, RTTY	0700Z, Nov 8 to 1300Z, Nov 9
± 10-10 Int. Fall Contest, Digital	1200Z, Nov 8 to 1200Z, Nov 9
± JIDX Phone Contest	1400Z, Nov 8 to 0200Z, Nov 9
± OK/OM DX Contest, CW	1900Z, Nov 8 to 0500Z, Nov 10
± Kentucky QSO Party	1300Z-1400Z, Nov 12 and 1900Z-2000Z, Nov 12 and 0300Z-0400Z, Nov 13
± CQ-WE Contest	2000Z-2100Z, Nov 12
± CWops Mini-CWT Test (20 wpm)	0145Z-0215Z, Nov 14
± RSGB 80m Club Sprint, SSB	1000Z, Nov 15 to 1000Z, Nov 16
± NCCC RTTY Sprint	1600Z, Nov 15 to 0700Z, Nov 16
± SARL Field Day Contest	2100Z, Nov 15 to 0300Z, Nov 17
± All Austrian 160-Meter Contest	2100Z, Nov 15 to 0300Z, Nov 17
± NA Collegiate ARC Championship, SSB	0200Z-0400Z, Nov 17
± ARRL Sweepstakes Contest, SSB	1300Z-1400Z, Nov 19 and 1900Z-2000Z, Nov 19 and 0300Z-0400Z, Nov 20
± Run for the Bacon QRP Contest	0130Z-0330Z, Nov 20
± CWops Mini-CWT Test	0145Z-0215Z, Nov 21
± NAQCC CW Sprint	1600Z-2200Z, Nov 21
± NCCC RTTY Sprint	1200Z, Nov 22 to 1200Z, Nov 23
± YO International PSK31 Contest	1300Z-1400Z, Nov 26 and 1900Z-2000Z, Nov 26 and 0300Z-0400Z, Nov 27
± LZ DX Contest	2000Z-2100Z, Nov 27
± CWops Mini-CWT Test	0145Z-0215Z, Nov 28
± RSGB 80m Club Sprint, CW	0000Z, Nov 29 to 2400Z, Nov 30
± NCCC RTTY Sprint	
± CQ Worldwide DX Contest, CW	

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.

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 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

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 too!

A really great weather site, with astronomical data.

<http://www.wunderground.com>

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

[Amateur Radio Detroit AM/FM History](http://www.amradiohistory.com)

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=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

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
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L'Anse Creuse Amateur Radio Club

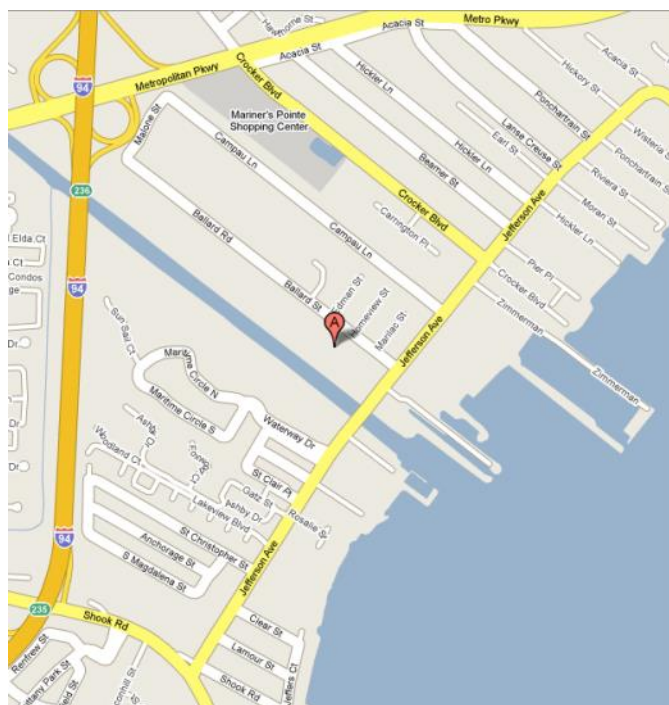
P.O. Box 180072

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.