

THE TUNED CIRCUIT

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

THE PREZ SEZ

INSIDE THIS ISSUE:

<i>September Meeting Program</i>	<u>2</u>
<i>Secretary's Report</i>	<u>3</u>
<i>Membership Report</i>	<u>4</u>
<i>Future Programs</i>	<u>10</u>
<i>Upcoming Swaps</i>	<u>13</u>
<i>Club Nets</i>	<u>15</u>

**October
Deadline:
September 28th**

Next Meeting - 7:30 PM **September 2nd, 2015** at the Tucker Senior Center (see [last page](#) for map and address).

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

The monthly board meeting will be on Wednesday, September 9th, 2015.

With Field Day and the ARRL Michigan Section *Summer Family Outing* campout now in the history book, I hope everyone has had a great summer, with some time to vacation. This was my first time to attend the Campout in Hale, Michigan near our cottage. I was able to get out and stretch my legs in the woods around the conference and attend the [Whittemore Speedway](#) on Saturday night. As I write this, the Armada Fair is in town this week.

But it will be time to get back to work at our monthly meetings starting on September 2nd. We will start with a cookout before the meeting at 6:00pm at the Tucker Hall. Bring a dish to pass. This will be a good time to catch up and plan for the tasks ahead this fall.

Hope to see everyone at the pre-meeting picnic and 73,
John
N8NXW



John Slobodnik—N8NXW

Attention all Hungry LCARC Members !!!

The September meeting will begin with a tailgate / cookout at 6:00 PM at the Tucker Senior Center.

Bring a dish to pass.

The club will be providing hot dogs and chips.
Come and celebrate the start of another club year.

SEPTEMBER 2ND MEETING PROGRAM

The “pass a dish” picnic will precede the September meeting. The club will supply the hot dogs and chips. The grill will be fired up about 6:00 PM. Come out and enjoy some friends and some food.

Other than that, I have no input on the September meeting program. N8FYL/Editor



Gregg Crump N8GEO

Mt. Clemens Area Hams Meet

June 7, 2015. Several Mt. Clemens area hams were found to be wandering around the 2015 Chelsea, MI ARC swap on Sunday, June 7, 2015. I was living in Chelsea at the time, and about one mile from the fairgrounds, so it wasn't a long drive for me. Chelsea is 85 miles west of Mt. Clemens and I-94 takes one right past the Chelsea exit. Drive time is about 1 hour and 15 minutes.

As witnessed by the picture, the weather couldn't have been better. Pictured here are club members (left to right) Gregg/N8GEO; Doug/N8PYN, and Mark/N8REZ. Second from the right is Tom/WU8C, up from Florida for the summer.

The picture was taken and submitted by club member, Vince/WA8BIJ.



Report of the Secretary

At 7:34 pm June 3 **John N8NXW** brought the meeting to order. Introductions were made, and one visitor, **KE8BFW**, Fritz, a new ham and winner at the Dayton ham fest HF. Entertained a motion for approval for the minutes were called for, and approved. **K8DXX**, Bill upgrade to Extra.

Program tonight will be the Foxhunt.

Treasurers' Report Kathy KC8WNL The general fund has \$2119.01 Yute forum \$81.18 and the repeater fund has \$150.00. After upcoming expenses (Fox hunt Pizza party \$100 and Field day food \$200) we will have a balance of \$1891.01



Mark Castiglione, N8REZ

Repeater reports Power is on and the machine was moved back to the site, two weeks ago. A low audio problem was found to be in the active filter, which was changed with the backup board .The machine still needs more tweaking or is it twerking (whatever).

Where's **Doug N8PYN** Chelsea, Monroe and ARRL section campout. Two Baofeng HTs will be raffled off: one at FD, and one at the Christmas party, along with a Kenwood dual band mobile rig.

John N8FYL Aug 24 Deadline for TC

N8GEO Dayton Report, (We went, we sold stuff, we bought stuff, we ate good!) We all agreed that we stayed at a very good hotel, and should go there next year.

John N8FYL with the membership report. Hovering at 63 or so.

Gregg N8GEO Net points were given out.

Dale K8RO QSL report. Dale could not make the meeting but called in his report. Two eQSL were received.

The board meeting will be Aug 12 held at the Double D restaurant on North River Rd at 7pm. All are welcome. Come early for dinner and stay for the meeting.

Welcome back dinner before the Sept 2 membership meeting. 6pm, bring a dish to pass. Club will supply hotdogs.

VE testing at the Tucker center. Aug 19 6:30 – 9:00 pm

Break

Raffle tickets pulled.

Meeting adjourned..

Respectfully submitted by N8REZ

Membership Report

Our member count has gone down by one since June. As many of you already know, Ed / K8MDV became a silent key on June 18, 2015. We are now 62 members strong: 46 dues paying members, 6 “first year free” members, and 10 life members.

At the June 2015 meeting I counted 24 attendees, of which 20 were members. Each month I am going to attempt to report the attendance at the previous meeting.

October is the start of our dues year, so soon it will be time to renew your membership for 2016.

John N8FYL

8/25/15



John, N8FYL

Fox Hunters succeed in locating “the fox”

After the regular meeting on June 3, 2015, 3 teams set out from the Tucker Senior Center on the “RF” scent of the hidden “fox box” transmitter. Keith / W8KD had placed the N8PYN built “fox box” in his alternate hiding spot because recent rains had submerged his first choice!

The results of the hunt are:

(1st Doppler and barely 1st overall) Tom/WU8C & Gregg/N8GEO

Non-Doppler class:

1st Doug/N8PYN & Cathy/KC8WNN

2nd (by a long shot) John/N8FYL, Matt/KD8LLT, Bill/K8DXX, & Holly



LCARC Christmas Party

Submitted by Keith / W8KD

It is not too early to start thinking about the upcoming holidays. Labor Day, Columbus Day, Halloween, Veterans Day, Thanksgiving, Christmas and of course New Years Day. Wait a minute I forgot a very important one, The **ANNUAL LCARC Christmas Party**. Yes again this year it will be the second Wednesday of December. So mark December 9th on your calendars. It will be the same place as last year, Sajo's at 6:30 PM. Watch the next issue of the Tuned Circuit for more details.

Looking for the Contest Calendar?— see

<http://hornucopia.com/contestcal/contestcal.html>

L'Anse Creuse ARC was on the air for ARRL [Field Day](#) on June 27th and 28th. Friday (the 26th) found the usual crew arriving at the Addison Oaks site and commencing the setup activities. Friday evening the rains came, and Saturday the wind was added to the precipitation.

There were enough breaks in the Saturday rain to complete the final setup of the K8DXX 20 SSB meter tent and station. We also relocated the KD8LLT 40/80 SSB station from the borrowed tent, which turned out to be not very water proof, into the big Chevy van graciously contributed by K8HVI. The precipitation abated while we consumed our traditional pre-event sub sandwich lunch. At 1400 local (1800 UTC) N8LC was QRV as a "4A MI". We had K8RO & K8EO operating CW, all bands; KD8LLT/N8FYL/K8HVI operating SSB concentrating on 40 and 80 meters; K8DXX putting them in the log with 20 SSB, N8PYN trying some digital (PSK31) on 20M and SSB on 15M and 10M along with W8ROI; and our "free" VHF/UHF station crew of WU8C/N8GEO searching 2M, 6M, and 70cm for contacts.

N8NXW brought out a large solar panel, charge controller, and the batteries he keeps charged with the solar panel. On Sunday, when the sun was once again shining on us, and the solar panel, we switched the 40/80 SSB station to use the solar "alternate" power source and made at least 6 contacts. This qualified our entry for an additional 100 bonus points!



K8EO contributed a satellite setup. Every "bird" that made a pass was heard, but several attempts at making a contact were unsuccessful. Finally, in the dark of the early Sunday morning (0357 local, 0757 UTC) K8RO snagged a contact with W8EDU. Good for a 100 point bonus!



Left: K8RO working a SSB satellite pass—no contact. :- ([N8CAM catching Z's in the background!]

Right: the antennas and az-el rotator for the satellite station



The Saturday weather was just plain not pleasant. It could have been worse. The temperature could have been much lower! There could have been lightning instead of just rain.

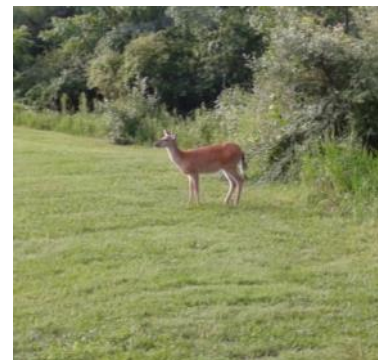
The winds that came up on Saturday afternoon took their toll. All the extra guying and tie downs added to the club tent were no match for Mother Nature's mischief. The tent superstructure succumbed to the forces of the wind whipping in from the north in the later part of the afternoon. Since we were busy working on the issue, very little photographic record of the tent has been preserved, but at the right you can see the broken "bones" of the tent. We were able to add a bit more covered area with the use of an "easy up" (10' x 10') that W8ROI had brought along. We put that up and tied it down securely. By this time the winds were letting up and both the easy up shelters survived the blowing. In spite of distasteful weather, we enjoyed the very tasty pizza for our dinner, and got back to our radios.



Sunday morning dawned early (as it usual for the time of the year) and clear and dry. The sun dried out most of our damp gear. Due to family commitments, the VHF/UHF station had packed up and left before the big 6M opening occurred. We were able to work almost as many stations on 6m SSB with a G5RV on Sunday morning (20 Qs in 3 hours) as had been worked using the tower and 6M beam (21 SSB Qs in 8 hours)!

Even the local wildlife appreciated the improved Sunday wx. This doe came by to "visit" the FD site. She didn't sign the visitor log, though.

"How did we do?" is always the question. Below are the details from the submitted entry. Last time we were 4A was 2012, and our entry was 4838. 2015 we had 167 fewer CW Qs and 45 fewer SSB Qs which is the 758 point difference. We'll just have to wait until the November QST to see how well we did in our class. 73 ex CU at FD 2016! John / N8FYL



Call Used: N8LC GOTA Station Call: (none)
ARRL/RAC Section: MI Class: 4A

Participants: 22

Club/Group Name: L'anse Creuse ARC

Power Source(s): Generator, Battery, Solar

Power Multiplier: 2X

Bonus Points:

100% Emergency power 400

W1AW Field Day Message 100

Satellite QSO completed 100

Natural power QSOs completed 100

Submitted via the Web 50

Total Bonus Points 750

Score Summary:

	CW	Digital	Phone	Total
Total QSOs	433	3	799	
Total Points	866	6	799	1671

Band/Mode QSO Breakdown:

	CW		Digital		Phone	
	QSOs	Pwr(W)	QSOs	Pwr(W)	QSOs	Pwr(W)
160m						
80m	99	100			218	100
40m	168	100			328	100
20m	112	100	3	50	108	100
15m	21	100			71	100
10m	12	100			26	100
6m	12	100			41	100
2m	4	100			4	100
Other	4	100			3	100
Satellite	1	100				
GOTA						
TOTAL	433		3		799	

Claimed Score = 3,342 + bonus 750 = 4092

N8LC Repeater News!

BOOOOOO. While we were all dodging rain drops at Field Day on June 27th, copper thieves (scrappers) broke into the building housing the repeater, and stole the electric power cables from DTE meter connection to the circuit breaker panel!

Hooray! On Thursday, July 2nd, N8PYN and K8RO, and (?) restored the power, to the repeaters only, using one of the large gauge, 100 foot field day power cords.

Come to the meeting to get all the repeater restoration details from N8PYN and his collaborators

73, John / N8FYL



Ralph / W8ROI provided this picture. It shows that the L'Anse Creuse ARC is in pretty good company as a 'co-sponsor' of the 2015 Dayton Youth Forum!

GMARC's Annual Fall Trunk Swap will be Saturday 19-Sep-2015 beginning at 8:00 AM at Packard Proving Grounds in Shelby Township, MI (49965 Van Dyke - between 22 & 23 Mile Roads). As has been our tradition, the cost is \$5.00 per carload of people – buying or selling. So, pack as many of your friends into one car, and the cost is still just \$5.00.

You will have the opportunity to purchase Raffle Tickets in the 2015 GMARC Raffle. The winners will be drawn at the annual GMARC Christmas Party on 15-Dec-2015 7:30 PM at Trinity Lutheran Church in Utica, MI. The top prize is a Yaesu FT-7900 dual band FM mobile transceiver, and there are (19) other prizes that you can win – including gift certificates, dinner at (5) different local restaurants, car washes at Jax Car Wash, oil change, and discounts at local health clubs. If you purchase (4) raffle tickets @ \$5.00 each, you will receive a free membership in the GM Amateur Radio Club for 2015 (a \$20.00 value).

There will also be (2) \$25 gift certificates to the ARRL Store given away at the swap (you must be present to win these two certificates).

Rain or Shine we will be there and FUN will be had by all – so mark this date on your calendar and plan to join us for an eventful morning! Pack-up anything from your shack that you wish to sell, and put it on your tailgate. We are encouraging wide participation for HAM gear and computer equipment – so almost everyone will find something they wish to purchase.

Talk-in is on 443.075 MHz + 123 Hz PL. We hope to see you there!

One-Day Technician Class

If *YOU* know someone interested in becoming an amateur radio operator, pass this information on to them, or anyone you think might benefit from it. Your action *may* just help grow or sustain our amateur radio operator ranks.

73, John / N8FYL

The next **one-day Tech Class** will take place on **Saturday, September 26, 2015** at the Ann Arbor Hands-On Museum in downtown Ann Arbor. The class will start at 9 am and run until 3:30 pm, at which time the license exam will be given.

There is a \$10 fee for the class, except for students 18 or younger, who can attend free. I use this money to pay for expenses at our station, WA2HOM, at the museum. Also, I ask that you register beforehand. I like to limit the number of students to about 20, so that each student gets enough attention, and so that the volunteer examiners can administer the test expeditiously.

To register for the Saturday, September 26 class, send \$10 to cwgeek@kb6nu.com via PayPal or send a check for \$10 to:

Dan Romanchik
1325 Orkney Dr.
Ann Arbor, MI 48103

When I get your registration, I will put you on another e-mail list and send you more details a week or two before the class.

After you register, download my study guide from <http://www.kb6nu.com/tech-manual>. The PDF version is free. Before the class, read through the study guide a few times, then take some online practice tests. If you don't pre-study, I can guarantee that you'll have a hard time passing the test.

Finally, just show up on Saturday, September 26. I'll be sending out more details, such as the exact room where the class will be held and where to park, a week before the class.

If you have any other questions, please feel free to ask.

btw, you're getting this e-mail because at one point or another you expressed some interest in taking this class. You may have already even paid for the class, but for whatever reason you were not able to make it. If you have already gotten your license or are no longer interested, please just reply to this message and ask that I take your name off this list. Thanks.

73! <--ham lingo for "best regards"

Dan KB6NU

CW Geek, Ham Radio Instructor
Station Manager, WA2HOM at the Hands-On Museum (www.wa2hom.org)
Read my ham radio blog at <http://www.kb6nu.com>

Antenna Analyzers You Can Hack

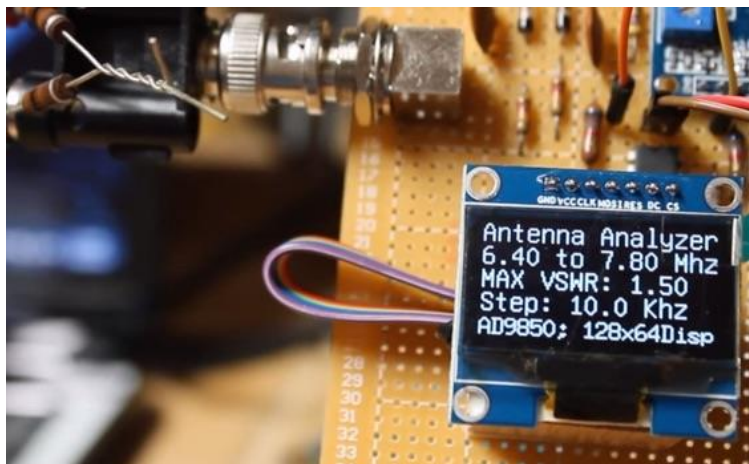
By Dan Romanchik, KB6NU

I'm a nut for antenna analyzers. I think that they are one of the most useful things a ham can own.

I've often wondered why there aren't more DIY antenna analyzer projects, though. Perhaps it's because designing measurement circuits isn't easy. An antenna analyzer has to have a signal source as well. Even so, an antenna analyzer doesn't need a whole lot of accuracy to be useful, so you would think that more builders/hackers would tackle a project like this.

I do know of one antenna analyzer kit on the market. The VK5JST Antenna Analyser Kit (<http://www.ahars.com.au/about/kits/>) costs about \$110 USD. I actually purchased this kit a year or so ago, and it looks like a great unit. The unit seems well-designed, and it comes with a plastic case, unlike many projects these days, but I haven't yet gotten around to building it.

I've also recently found out about an Arduino-based antenna analyzer project (<http://hackaday.com/2015/08/06/40-antenna-analyzer-with-arduino-and-ad9850/>). It uses an AD9850 module as the signal source. The approximate cost for all the parts is about \$40, and you can experiment with the code, if you like. If you have the time and inclination, this project might be worth taking a hack at.



Another antenna analyzer project from Australia is the VK3YY antenna analyzer (or "analyser" as they spell it there). It uses an Arduino Nano. The interesting thing about the blog post in which VK3YY describes the project (<https://vk3yy.wordpress.com/2014/09/29/antenna-analyser-project/>) is that you can follow his design and experimentation process.

Yet another analyzer

While I'm talking about antenna analyzers, let me mention another one that I've just found out about: the IW2NDH Antenna Analyzer (<http://www.iw2ndh.com/>). This antenna analyzer isn't a kit, but at \$175 seems to be a good deal. This unit has a frequency coverage of 2 – 160 MHz, and can be used as an antenna analyzer, signal generator, and a scalar network analyzer.

Apparently, this started out as an Arduino project. As Maximo, EA1DDO, pointed out on the radioartisan Yahoo Group, there is source code for this project on GitHub

(<https://gist.github.com/jackdev23/7876502>), and a schematic is available on the Union de Radioaficionados Espanoles (URE) website (<http://www.ure.es/media/kunena/attachments/2420/Schematic.jpg>).

=====

When not writing about antenna analyzers, Dan, KB6NU, actually builds an antenna now and then. You can often find him on the HF bands (mostly 40m and 30m), working CW. His #1-rated amateur radio blog can be found at KB6NU.Com, and you can e-mail questions, comments, or complaints to cwgeek@kb6nu.com.

Ham Radio Operators NEEDED for Sunday, October 18, 2015

Ham radio volunteers are needed to help provide communications for the Detroit Free Press/Talmer Bank Marathon which will be held on Sunday, October 18th. There is also a 5K run/walk on Saturday, October 17th. If you would like to volunteer go to www.freepmarathon.com/volunteer. In addition to radio operators there are several other volunteer opportunities. It is a festive and worthwhile event. Last year the marathon raised \$3.1 million for the 26 official charities of the event. This is a fun event to work and provides a valuable community service.

You can sign up by going to www.Freepmarathon.com/volunteer and:

- Click on “Click Here to Volunteer”
- Click on the “Register Now” button
- Scroll down to “Radio Operations”, select the appropriate check box and click “Next” on the right.
- Create an Account, or Log In if you have an account from prior years.
- Fill out the information
- Position requires a Ham Radio License. Your license number will be requested on the first page and your application will may not be processed without it.

If you have any questions please contact Alex Sherbow at asherbow@michigan.com.

Future Programs & Activities

Gregg Crump, N8GEO—Activities Manager

September 2, 2015	Regular Meeting
October 7, 2015	Regular Meeting
November 4, 2015	Regular Meeting
December 2, 2015	Regular Meeting
December 6, 2015	L'Anse Creuse Annual Swap
December 9, 2015	Christmas Dinner Party
January 6, 2016	Regular Meeting
February 3, 2016	Regular Meeting
March 2, 2016	Regular Meeting

L'Anse Creuse ARC Board Members – 2015

President

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Secretary

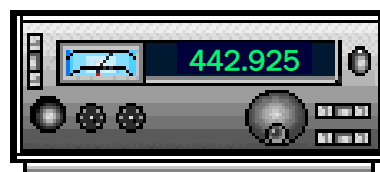
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LC Echo Repeater
100 HZ PL



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 [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	John Huber	N8FYL
Christmas Party	Keith Harris	W8KD	TC email distribution		
Club Apparel & Patches	Gregg Crump	N8GEO	Net Points Manager	Tom Mathison	WU8C
Club Call Trustee - K8AYZ	Ted Bak	K8EO	Net Points Upgrade Awards	Gregg Crump	N8GEO
Club Call Trustee - N8LC	Marty Folz	K8HVI	TC Postal Distribution	Vince Cuker	WA8BIJ
Code Proficiency Awards	Vince Cuker	WA8BIJ	Outgoing QSL Manager	Dale McGorman	K8RO
Dayton Trip	Gregg Crump	N8GEO	QSL Cards	Dale McGorman	K8RO
Door Prizes—Buyer	Doug Chauvin	N8PYN	Swap Chairman / Swap Tables	Dale McGorman	K8RO
Door Prizes—Tickets	Wayne Hearn	WG8U	<i>Tuned Circuit</i> Editor	John Huber	N8FYL
Echo Repeater Trustee	Marty Folz	K8HVI	Volunteer Exams	Cliff Ibbs	AB8XQ
Field Day			Webpage (n8lc.org)	Doug Chauvin	N8PYN
Health & Welfare	Dave Herrington	N8NLK	Webpage Assistant	Marty Folz	K8HVI
			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, 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.

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

Tucker Senior Center,
Wednesdays —
TBD

Contact Cliff Ibbs 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

Learn CW Online <http://lcwo.net/>

<http://www.g4fon.net>

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

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

Upcoming Swaps

09/13/2015 | Findlay Hamfest

Location: Findlay, OH

Type: ARRL Hamfest

Sponsor: Findlay Radio Club

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

09/19/2015 | GM ARC Trunk Swap

Location: Shelby Township, MI

Type: ARRL Hamfest

Sponsor: GM Amateur Radio Club

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

09/20/2015 | Adrian Hamfest

Location: Adrian, MI

Type: ARRL Hamfest

Sponsor: Adrian Amateur Radio Club

Website: <http://w8tqe.com>

10/03/2015 | GRAHamfest

Location: Wyoming, MI

Type: ARRL Hamfest

Sponsor: Grand Rapids Amateur Radio Association

Website: <http://www.w8dc.org>

10/17/2015 | Muskegon Color Tour Hamfest

Location: Muskegon, MI

Type: ARRL Hamfest

Sponsor: Muskegon County Emergency Communication Services, Inc.

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

10/18/2015 | Kalamazoo HamFest 2015

Location: Kalamazoo, MI

Type: ARRL Hamfest

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

Website: <http://KalamazooHamFest.com>

10/25/2015 | USECA's 2015 Swap & Shop

Location: Madison Heights, MI

Type: ARRL Hamfest

Sponsor: Utica Shelby Emergency Communication Association

Website: <http://usecaarc.com>



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 to see!

The September 2013 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.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=vBGldfOVjQ4>

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	EDT					
Monday	2330	1930	15 M	CW	21.165 MHz	Vince, WA8BIJ	Every Monday
Monday	0030	2030	15 M	SSB	21.395 MHz	Clem, W8VO	Every Monday
Monday	0100	2100	6 M	SSB	50.160 MHz	Gregg, N8GEO	Every Monday
Tuesday	0000	2000	2 M	Packet	144.93 MHz	Vince, WA8BIJ	Every Tuesday (Connect to detqso)
Thursday	2330	1930	10 M	SSB	28.435 MHz	Wayne WG8U	Every Thursday
Thursday	0030	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:

L'Anse Creuse Amateur Radio Club

Cathy Chauvin, KC8WKN

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: _____

___ \$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.

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 / Life)

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.)

The Tuned Circuit

Monthly Bulletin of the L'Anse Creuse Amateur Radio Club

First
Class
Postage

L'Anse Creuse Amateur Radio Club

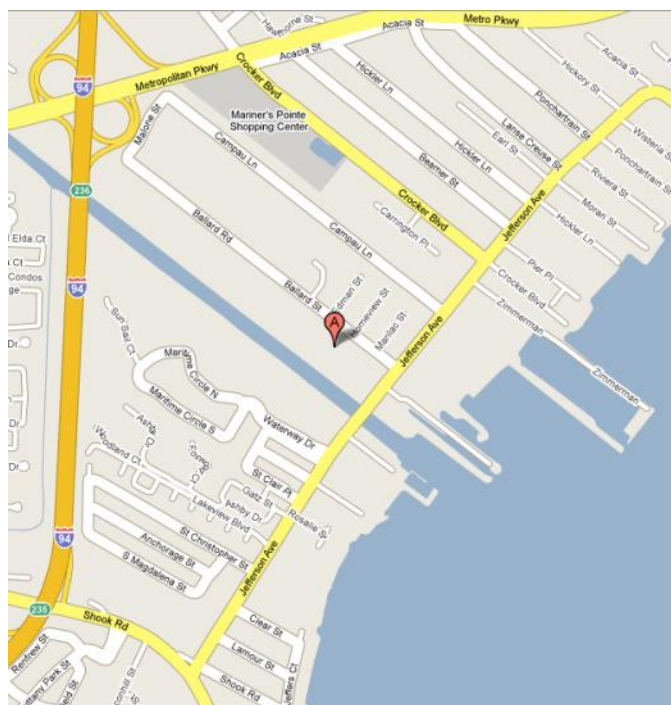
P.O. Box 180072

Utica, MI 48318

LCARC Web Site

<http://www.n8lc.org>

E-mail: info@n8lc.org



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.