

THE TUNED CIRCUIT

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

THE PREZ SEZ

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Thanksgiving was here, but it has gone that fast. The next big holiday is Christmas and the New Year.

Dale needs help at the swap on Saturday night from 6pm - 10pm and Sunday Morning 6:30am to 12pm. Ticket sales at the door (need at least three on Sunday morning). If you can, please come and help the swap. Anyone that is interested please let Dale know directly at k8ro@arrl.net.

On December 14, 2016 is our annual Christmas party. Please come and have a good time.

At the December meeting we will finish election of officers. So far the Officers are Debbie Vandecar (KC8WHN) is President. Nominations are: Secretary **Open**; President Elect John Slobodnik (N8NXW); Treasurer Gregg Crump (N8GEO); Technical Officer Doug Chauvin (N8PYN).

I hope that everyone has great week.

73 Rick/W8RTV

richardvandecar@gmail.com



Rick Vandecar - W8RTV

**January
Deadline:
December 28th**

Next Meeting - 7:00 PM December 7th 2016 at the Tucker Senior Center (see [last page](#) for map and address).

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

The NEXT board meeting will be on Wednesday, January 11th, 2017.

L'Anse Creuse Amateur Radio Club

44th Annual Swap & Shop

SUNDAY, SUNDAY, SUNDAY!

DECEMBER 4, 2016

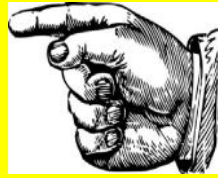
Vendor Setup Saturday 6 -> 10 PM

Sunday 6:30 AM

DECEMBER 7TH MEETING PROGRAM



**Remember
Meeting START TIME
is 7:00 PM**



The December meeting will undoubtedly have a report on the success of the swap. Any additional nominations for officers will be accepted and then we will vote. [That's all the meeting program information I have to publish.

Editor]

Gregg Crump N8GEO

Report of the Secretary

The November 2, 2016 meeting was called to order by President Rick / W8RTV at 19:13 ET. 21 members, 1 guest, and our presenter Bill / N8SA were present at "check-in".

Meeting program was first (from 19:14 to 20:43). Bill Chesney / N8SA gave an informative and interesting presentation on the national power grid and elements of the electrical transmission system. I found the most interesting bit of knowledge is that the smart meters most of us have at our homes form an rf mesh network for communication of data to DTE.

Motion to approve the minutes for the October meeting as published in *The Tuned Circuit* by Keith/W8KD, second by Dale/K8RO. Motion passed.

Treasurer's Report: \$2681 in the ban. \$129 allocated to the Youth Forum, \$250 in the repeater fund, and \$1600 is set aside for the swap mailing, leaving \$702 as unallocated funds.

No net points report tonight. There was a brief review of 2017 Dayton room arrangements.

"Where's Doug" – why he'll be at the L'Anse Creuse swap on December 4th, of course.

There was no Tech committee session since the last meeting, but they hope to have a session in November, perhaps the 3rd Wednesday.

Keith/W8KD is selling the tickets for the Christmas Party to be held on December 14th. He needs to provide the restaurant with a "hard" number of diners by the end of November, so get your money or reservation in by then.

The Macomb Community College lab session will be November 15th.

Dale/K8RO gave the QSL report, followed by the swap status report. The lease has been signed and the deposit paid. After receiving negative feedback from vendors that there was no Saturday setup, Dale decided to arrange for Saturday evening setup (6 to 10 PM) for an additional \$150. The total \$1550 rental fee (\$1400+\$150 for Saturday setup time) is to be paid a week before the swap. Dale is receiving some vendor request for tables. He is asking the venue to set up about 100 tables. We will have the hall from 06:30 to 14:00 on Sunday. Cathy / KC8WVK will head up the food activities. It is suggested that members who have a two-wheeled cart bring it to the swap to assist vendors with moving the wares in and out.

We enjoyed our food and rag chew break from 21:01 to 21:12.

Nominations for 2017 Officers to be elected at the December meeting:

(Continued on page 3)

(Continued from page 2)

Position	Nominee	Status
President Elect	N8NXW	Accepted
Treasurer	N8GEO	Accepted
Secretary		
ARRL Liaison	N8GEO	Accepted
Activities Manager/ Program Chair		
Technical Committee Chair	N8PYN	Accepted

New Business: Board meetings will now be held every other month due to the low level of business to be discussed. Meetings will be held in January, March, May, September and November.

N8GEO announced that we would have the White elephant exchange at the January meeting.

Door prize drawing: Bob / KA8VSI selects the large cable ties; Dave / K8GTV picks the plastic ammo case; KA8VSI passes on his second ticket being drawn; Gregg / N8GEO chooses the small 4.8 volt cordless screwdriver; Bill / N8SA get the final item – a solar power household battery charger. The 50/50 drawing winning ticket belonged to Marty / K8HVI.

Motion to close the meeting by Mike / N5WCS, second by Mark / N8REZ. Meeting adjourned at 21:21. Submitted by John / N8FYL – scribe for the night.

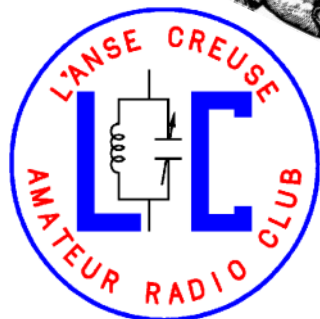
Reminder!

2016/2017 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.

L'Anse Creuse Amateur Radio Club 44th Annual Swap & Shop SUNDAY, DECEMBER 4, 2016

******* New Location *******



Madison Place

(also known as United Food & Commercial Workers 876 Hall)

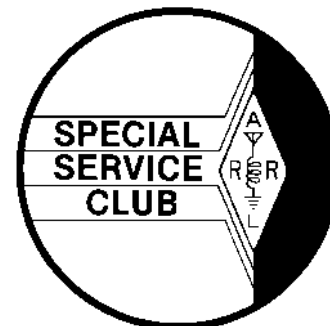
876 Horace Brown Drive
Madison Heights, MI 48071

8 AM – Noon

(Vendors with Pre-Paid tables get in at 6:30 AM)

SWAP TICKETS: \$5.00

(Kids under 12 Free)



Board meeting Minutes

Board meeting 11-09-2016 at 7:45 p.m.

Attending : Rick W8RTV, Debbie KC8WHN. John N8NXW, Doug N8PYN, Gregg N8GEO and Cathy KC8WNK.

Treasurers Report: N8GEO Gregg — \$1755.09. Repeater fund \$250.

Club has paid for Saturday swap set up time. Hall for the swap is paid for.

There was a Tech session at the repeater site. The cabinets were moved in line. Worked on wiring out voters and getting closer on the internet set up.

Club needs a new trifold pamphlet with club information.

Club meeting start time of 7:00p.m. is working out ok.

January meeting will be a white elephant exchange.

Meeting adjourned at 8:25p.m.

Membership Report

October is the start of our dues year and the renewals are coming in for 2017.

We have 61 members: 14 are paid up through 10/31/2016 (includes one “first year free” member expiring 10/31/16), 34 are now paid up through 10/31/2017, 2 are paid up through 10/31/18 and 2 are paid up through 10/31/2019, and 9 are life members.



John, N8FYL

At the November 2016 meeting I counted 22 members in attendance for our program, and 1 guest.

There has not been any progress on adding a 6-character grid square locator field to the information in the club membership database.

John N8FYL 11/16/16



LCARC Christmas Party



Submitted by Keith / W8KD

It's almost too late to get a ticket to attend this year's Christmas Party. Check with Keith, W8KD. He has a limited number of unclaimed tickets available. They are \$20 each. The Christmas Party is December 14th at [Sajo's](#) located at 36470 on Moravian Drive just west of Garfield Rd. You may dine on either Pecan Chicken, Mushroom Steak Marsala, Horseradish Encrusted Salmon or Chicken Alfredo. The meal includes house salad, soft drinks, coffee or tea and cake for desert. Alcoholic beverages are available for purchase. Looking forward to seeing you there.



Is there a market for a \$400 “prepper” radio?

By Dan Romanchik, KB6NU

A couple of days ago, a reader wrote:

"I would like to know if it would be feasible to build a radio with the following features:

- SSB operation (only SSB is required, CW would be an additional benefit)
- 20 – 50W of power
- Portable-friendly (lightweight, capable of operating at lower voltages from small portable batteries)
- Low receiver current drain
- Coverage of 40m and 80m bands. Very limited coverage is acceptable. Even channelized coverage of a few select frequencies would be acceptable.
- S-meter

"It strikes me that there is a large market for ham radio products for “preppers,” and there has been a lot of interest in the Baofeng line of radios from that market. I think there would be a LOT of interest in a radio that could go far beyond line-of-sight and contact friends or family hundreds of miles away. Preppers would have little interest in contacts more than a state or two away, and no interest at all in novel operating modes. I wonder if a radio that trims away excess features (all-mode operation, wide frequency coverage, high power output, sophisticated audio filtering) could be produced for a lot less cost than currently available HF rigs. If so, and it was paired with a decent NVIS dipole and some General-class study materials and sold as a package deal, it could be a huge hit – Something you could tuck in a bug-out-bag, set up in the field, and use to make contacts in a reasonably local area, or set up in your backyard at home and use minimal power to operate.

"Is there a reason why I don't see radios like this on the market, some kind of technological limitation

that would make this sort of thing impractical? If something like this was built, what kind of cost and performance would you expect? I'm certainly not expecting any kind of detailed analysis, but even just a speculation about if such a project could be feasible would be appreciated."

I replied:

"I think one of the reasons you don't see radios with the feature set you describe is that more full-featured radios are already pretty inexpensive. The Yaesu FT-450D, for example, costs less than \$800 and offers 100W output. The FT-817ND, which is designed for portable operation, costs less than \$700. Is that too much for preppers?

"While it might seem like you could sell a radio with fewer features for less, I think that you hit the law of diminishing returns. At some point, removing features, doesn't reduce the cost all that much. For example, removing the CW capabilities from a transceiver capable of SSB operation really doesn't save that much because in a way CW operation is really just a subset of SSB operation. You'll save the cost of a key jack, but how much is that? Maybe a buck or two. Having said that, it could be that the big amateur radio manufacturers are overlooking an opportunity here."

We swapped a couple more e-mails about this. He noted, "Most preppers would probably rather buy a high-end AR-15 or several months worth of storage food for \$800 than a radio." I suggested, "If there was a catastrophic event, and you really needed to communicate, wouldn't it seem silly to have not spent the extra \$400 on a really decent radio?"

What do you think? Is my analysis a little too simplistic perhaps? Are amateur radio manufacturers ignoring a potential market?

Dan, KB6NU, is the author of the "No Nonsense" amateur radio license study guides, and blogs about amateur radio at KB6NU.Com. You can contact him by e-mailing cwgeek@kb6nu.com

Food for Thought ... "If you don't use your conscience regularly, it won't work when you need it."

Here's a new contest to check out! [The E QSO Party](#) and while you are spending all that time on the radio, your XYL might check out the "[Ham Widows Escort Service](#)".



KB6NU teaching a General Class in Ann Arbor

Hi:

Starting on Saturday, January 7, 2017, I will be teaching a General Class course at the All Hands Active (AHA) makerspace. AHA is located in downtown Ann Arbor at 255 E Liberty St #225. Classes will begin at 10 am and run until approximately noon. Unlike my one-day Tech classes, this class will run for eight to ten weeks, depending on how fast we can get through the material.

There are several reasons that this is not a one-day General class. First, there's more material to be covered than on the Tech test, and it's covered in more depth as well. Second, I'm going to attempt to teach you more than just the answers to the test.

Having said that, you don't have to show up for every class. I will publish a schedule before hand, and you can feel free to skip classes on topics that you already know. It's not like you're taking this class for college credit, and you're responsible for whether or not you pass the test once the class is over.

There will be a \$10 fee for the class, though, whether you come for a single session or all eight. This money goes to our hosts, All Hands Active, which is a 501(c)(3) non-profit community organization. They do all kinds of cool things, and you might want to check them out, even if you don't take this class. Their website is at <http://www.allhandsactive.org/>.

The text for the class will be my No-Nonsense General Class License Study Guide. You can purchase the e-book version from <http://www.kb6nu.com/study-guides/>. The price is \$7.99 (cheap!). If you prefer a print version, I can sell you one for \$10 (that's a \$5 discount). If you do want the print version, let me know, so that I have enough on hand.

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

CW Geek, Ham Radio Instructor

Read my ham radio blog at <http://www.kb6nu.com>

73!

Dan KB6NU

Ham Ingenuity Figures Out How to "Do It Yourself"

In an [eham review](#) of a [telescoping mast](#), W5FCX writes:

"The biggest challenge turned out to be raising the mast with the heavier HD Spiderbeam antenna on top. As you get several sections up, it becomes quite heavy and difficult to lift. Worse yet, it takes two people on ladders to deal with it - one to lift and hold, another to tighten/untighten (and hope it does slip on you).

I came up with my own solution to this problem - a way to automatically raise the mast 30 inches at a time, along with a way to mount and dismount the antenna - without any helpers, so I can handle the antenna and mast now solo at my remote location, where getting help isn't easy. Visit my website for more details on how I manage this mast now:

<http://www.w5fcx.net/2016/11/24/how-i-manage-my-mast-and-spiderbeam-antenna/>".

I found his write up and video very interesting. His method could be used at Field Day! John / N8FYL

Ambient Weather

by The Hippy Dippy Weatherman (aka Don / WN8IZV).

Because of the failure of a firmware update, I had need to replace the north end weather station in Armada. The old unit was an Acurite 5-in-1. This is sort of a low end (low cost) consumer grade unit, and it was deemed necessary to go with something better.

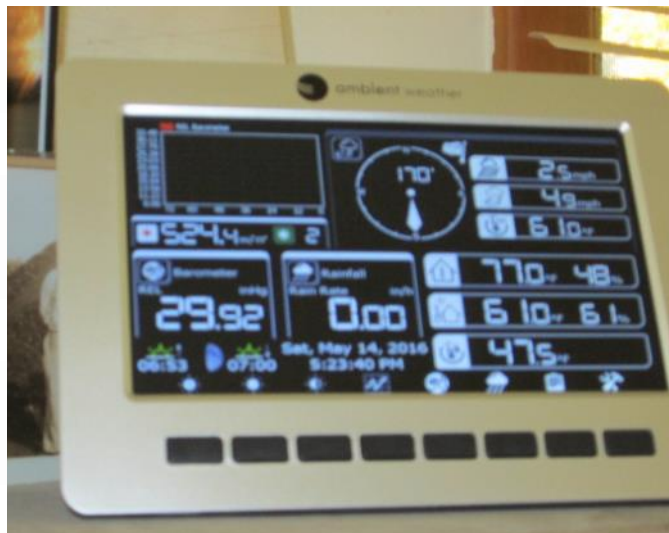
After looking over and studying various options, the chosen unit is an Ambient Weather model WS-1001.



This station consists of 3 separate devices that communicate wirelessly. There's the outdoor sensor for wind, rain, temperature, humidity, solar radiation, and UV index.



The indoor unit measures barometric pressure, indoor temperature and humidity. Both of these talk to the indoor display console using 915 Mhz. Data updates approximately every 16.5 seconds for the outdoor sensor, which may have an effect on the wind speed and direction accuracy. The indoor sensor updates every 64 seconds.



The indoor display shows a lot of data on a relatively small screen. The display is preconfigured to connect to your Wi-Fi and transmit your data to Weather Underground. There's no need to wire into your router, and your PC doesn't even have to be on. In fact, the entire station can be set up without the need for a PC.

The first step in the project was placement of the outdoor sensor. This was sort of a no brainer. Just put it where the previous sensor was. The original mount was utilized. Ambient Weather provides two different poles for mounting. One is straight, and one is crimped depending on your mounting solution. These are only about 6 inches long, and you are left to provide your own mast. The pole is keyed to keep wind or critters from moving the sensor, and it must be oriented North/South for proper wind direction indication. Additionally, the solar panel (to charge batteries) needs to be South facing. U bolts are provided but weren't needed for

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my installation. What the instructions don't tell you is that once you insert the chosen pole in the base of the sensor, it locks in place and cannot be removed. Fortunately I chose the right pole, but it made drilling holes difficult with it attached to the weather station.

When mounting the sensor the built in bubble level is used. This is for proper operation of the rain gauge.

Once the sensor is mounted, you are instructed to install the included rechargeable alkaline batteries (yes Virginia, they are labeled rechargeable), and verify the unit is transmitting as indicated by a flashing LED on the bottom of the unit.

The second step deals with the indoor sensor for indoor temperature and humidity along with barometric pressure. This one is much easier, but don't move too fast. It snaps into a plastic mounting bracket that can be mounted on the wall, and requires two AAA batteries. The recommendation is that it be placed between 5 and 20 feet of the display console. I just leaned it against the wall on top of the mantle. Oh yea, did I mention that mounting screws and batteries are NOT included?

The manual is very specific, and this is why I advise you move slow. You are instructed: To avoid permanent damage, please take note of the battery polarity before inserting the batteries. Two paragraphs are used to instruct you on the proper installation of the batteries. This suggests something could be damaged by reverse polarity. DUH!

Seems to be a poor design. Once the batteries are installed, proper operation will be indicated by the unit displaying temperature, humidity and pressure on its digital display.

Next is the display console itself. The full color TFT LCD display measures 6.25" x 3.5".

This is powered with a 5 v DC wall wart, with no battery backup. Not sure what happens when the power fails. It can be wall mounted, but the built in easel works just fine. The console does show a lot of data, but it's fairly easy to read.

The console is preloaded with the necessary software, and there's nothing to do but power it up and wait several minutes for the remote sensors to synchronize with it. I gave it better than an hour, as I ran off and did other things.

After a few chores I returned to what became a time consuming set up. I probably took more time setting things up than installing the sensors. This is because there's no keyboard. Setup data is entered using a rudimentary arrangement where you navigate a bunch of labeled boxes with buttons at the bottom of the display. Some of the items that need setting up (beside the usual date and time) are units of measure, latitude, longitude, alarms, and calibration if needed. Slow, but hey, you only do the set up once.

The next part of the set up is getting your station to talk to Weather Underground. The console is pre-configured to send real-time data to Wunderground.com, so there's no need to adjust the Server or the Server and upload type. All that's necessary to enter is the Station ID and password obtained from Weather Underground when you registered your station with them.

After this you do a Wi-Fi scan, select your network, and enter your password if secured. Success is indicated by a Wi-Fi icon being displayed and your station will start reporting data on the Wunderground website.

That's pretty much the nuts and bolts of it. No problems were encountered in the installation and set up. The station has been collecting data for over a week now with no glitches.

Here's a good 20 minute You Tube video on this Weather Station: <https://youtu.be/5DA1uzROM9w>

Some comments and areas that I need to look into. The display console is equipped with a slot for a micro SD card. This is for upgrades and data backup. I'm not sure how long the console maintains

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history data, but it can be archived to the SD card. The data is CSV (comma separated value) and can be opened in a spreadsheet program such as Excel should you wish to analyze it.

If you want to display your data on a PC, Ambient Weather makes available their EasyWeather IP software in both PC and Mac flavors. This program too is configured to report to Wunderground. The software connects to the display console over your LAN, so the display must be connected to the WiFi router. EasyWeather offers the option to tell your PC to not go into the sleep mode. With everything

preconfigured for Wunderground a third party weather reporting program will probably be needed if you want to join the Citizen Weather Observer Program (CWOP) or put your station on APRS. Most of the software I found while Googling around doesn't seem support this model weather station for those applications.

That's about it. Feel free to check the data anytime. You can download the Wunderground app for your Apple or tablet device and take it with you where ever you go. **Don's Back Yard** in Fraser is the site for the south end of the county. **Armada Ridge** is the north end. Don't forget to check out the weather cam too.

Jerry, K8CFY, SK

In case you missed, Jerry McGinn, K8CFY, became a silent key on November 10th, 2016. Jerry was a member of L'Anse Creuse ARC for many years, and a regular at the Friday breakfast's at Liz's Ham Café, including the Friday immediately preceding his death. Here's the link to the [obituary](#) and a bunch of pictures of Jerry.

Why is coax called RG-whatever?

"RG" is an old military term for *Radio Guide* or *Radio Grade* according to <http://www.familyhandyman.com/electrical/wiring/tips-for-coaxial-cable-wiring>.

Who knew? Not me, until now. John / N8FYL

Future Programs & Activities

Gregg Crump, N8GEO—Activities Manager

- December 4, 2016 L'Anse Creuse Swap at "Madison Place" aka UFCW 876 Hall in Madison Heights
- December 7, 2016 Regular meeting – Election of Officers, Swap report
- December 14, 2016 Christmas Party at Sajo's
- January 4, 2017 Regular meeting – White Elephant Exchange
- February 1, 2017 Regular meeting
- March 1, 2017 Regular meeting
- April 5, 2017 Regular meeting
- April 15, 2017 Michigan QSO Party and Easter weekend
- May 3, 2017 Regular meeting
- May 19-21, 2017 Dayton Hamvention
- June 7, 2017 Regular meeting
- June 24, 2017 ARRL Field Day

L'Anse Creuse ARC Board Members – 2016

President

Rick Vandecar, W8RTV
39816 Elmitte
Harrison Twp., MI 48045
(586) 468-0752
richardvandecar@gmail.com

VP and President-Elect

Debi Vandecar, KC8WHN
39816 Elmitte
Harrison Twp., MI 48045
(586) 468-0752
kc8whn@wowway.com

Secretary

Cathy Chauvin, KC8WNL
29112 Elmwood St.
St Clair Shores, MI 48082
(586) 775-1891
catwink@ameritech.net

Treasurer

Gregg Crump, N8GEO
29729 South River Rd
Harrison Twp, MI 48045-3030
(586) 477-0364
n8geo@arrl.net

ARRL Liaison

Gregg Crump, N8GEO
29729 South River Rd
Harrison Twp, MI 48045-3030
(586) 477-0364
n8geo@arrl.net

Activities Manager

Gregg Crump, N8GEO
29729 South River Rd
Harrison Twp, MI 48045-3030
(586) 477-0364
n8geo@arrl.net

Past President

John Slobodnik, N8NXW
79165 Omo Rd / PO Box 383
Armada, MI 48005
(586) 337-0045
jrslobodnik@hotmail.com

Technical Officer

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



LC Echo 2 Meter Repeater
Yaesu DR-1X 147.080 MHz
100 HZ PL



LC Echo 440 Repeater
Yaesu DR-1X 442.925 MHz
100 HZ PL

Board Meeting Time and Location

Board Meetings are held at 7 pm on the Wednesday after the regular membership meeting in September, November, January, March, and May. The location starting May 11, 2016 is [Roseann's Kitchen, 21400 15 Mile Road](#), Clinton Charter 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	Debi Vandecar John	KC8WHN N8NXW
Call Sign ID Tags	Gregg Crump	N8GEO	Membership Chairman TC email distribution	John Huber	N8FYL
Christmas Party	Keith Harris	W8KD	Net Points Manager	Tom Mathison	WU8C
Club Apparel & Patches	Gregg Crump	N8GEO	Net Points Upgrade Awards	Gregg Crump	N8GEO
Club Call Trustee - K8AYZ	Ted Bak	K8EO	TC Postal Distribution	Vince Cuker	WA8BIJ
Club Call Trustee - N8LC	Marty Folz	K8HVI	Outgoing QSL Manager	Dale McGorman	K8RO
Code Proficiency Awards	Vince Cuker	WA8BIJ	QSL Cards	Dale McGorman	K8RO
Dayton Trip	Gregg Crump	N8GEO	Swap Chairman / Swap Tables	Dale McGorman	K8RO
Door Prizes—Buyer	Doug Chauvin	N8PYN	<i>Tuned Circuit</i> Editor	John Huber	N8FYL
Door Prizes—Tickets	Wayne Hearn	WG8U	Volunteer Exams	Cliff Ibbs	AB8XQ
Echo Repeater Trustee	Marty Folz	K8HVI	Webpage (n8lc.org)	Doug Chauvin	N8PYN
Field Day			Webpage Assistant	Marty Folz	K8HVI
Health & Welfare	Dave Herrington	N8NLK	Youth Forum (50/50)	Ralph Irish	W8ROI

The Tuned Circuit

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

John H. Huber N8FYL

Email: n8fyl@arrl.net 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

At the LC SWAP 4 December 2016
0900 AM

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>

<http://morsecodemasters.com/trainer/Examples/hct.html>



Upcoming Swaps

12/04/2016 | [LCARC Amateur Radio Swap/Hamfest](#)

Location: Madison Heights, MI

Type: ARRL Hamfest

Sponsor: L'Anse Creuse Amateur Radio Club

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

[Learn More](#)

VE Testing at 09:00 AM.

***** 2017 *****

01/29/2017 | [HPARC Swap](#) (Hazel Park ARC)

Location: Madison Heights, MI

Type: ARRL Hamfest

Sponsor: Hazel Park Amateur Radio Club

Website: <http://hparc.org>

[Learn More](#)

02/19/2017 | [46th Annual Livonia ARC Swap & Shop](#)

Location: Livonia, MI

Type: ARRL Hamfest

Sponsor: Livonia Amateur Radio Club

Website: <http://www.livoniaarc.com/index.php?page=swapshop>

[Learn More](#)

03/18/2017 | [Michigan Crossroads Hamfest and Radio Swap](#)

Location: Kalamazoo Township, MI

Type: ARRL Hamfest

Sponsor: Southern Michigan Amateur Radio Society

Website: <http://www.w8df.com/index.php?content=hamfest> [Learn More](#)

05/06/2017 | [Cadillac Amateur Radio and Computer Swap](#)

Location: Cadillac, MI

Type: ARRL Hamfest

Sponsor: The Wexauke Amateur Radio Club

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

[Learn More](#)

05/19/2017 | [2017 Dayton Hamvention](#)

Location: Xenia, OH

Type: non-ARRL Hamfest

Sponsor: Dayton Amateur Radio Association

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

[Learn More](#)

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	USB	21.395 MHz	Clem, W8VO	Every Monday
Monday	0200	2100	6 M	USB	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	USB	28.435 MHz	Wayne WG8U	Every Thursday
						Clem, W8VO	1st Thursday
						Wayne, WG8U	2nd Thursday
Thursday	0130	2030	2 M	FM	147.08+ MHz	Gregg, N8GEO	3rd Thursday
						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)

\$5.00 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: _____ - _____ 6 Character Grid Square (optional): _____

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
Gregg Crump, N8GEO
29729 South River Rd
Harrison Twp MI 48045-3030

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

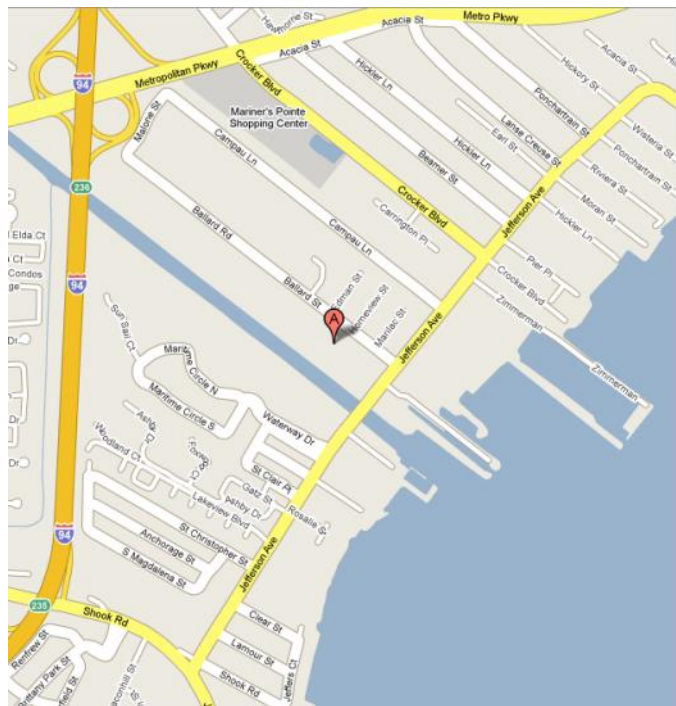
I am an ARRL Member: (Y / N / Life)

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 7:00 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.