

# THE TUNED CIRCUIT

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

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**March TC  
Deadline:  
Monday  
February 26th**

Next Meeting - 7:00 PM February 6th 2019 at the Tucker Senior Center (see [last page](#) for map and address).

Meeting Program - The program for our February meeting will be as reported on [page 1!](#)

The NEXT board meeting will be on Wednesday, March 13th, 2019.

## THE PREZ SEZ

We had a great start at our first meeting of 2019. We had a very informative presentation on the Internet for Hams. We will see more about this program and improvements to our repeater over the coming year.

We also had the White Elephant Gift Exchange with a new method of keeping all gifts wrapped until the end. A lot of gift stealing was done with no idea of what is in the package. Some great wrapping ideas and gifts were provided. I think it was fun for all.

Of course we have Winter Filed day coming up and the monthly dinner out is starting back up in January. So a busy January and coming year.

I have come up with some ideas of how to achieve some of the goals I thought we should focus on for 2019. To keep this update short I will address these thoughts in a separate article in this month's newsletter.

On another good note our club is doing well with increasing membership and our treasury is financially sound. Our club is strong because of the members and their willingness to be involved.

I hope everyone made a New Year's resolution to spend a little more time enjoying the hobby and spending a few more minutes on the air or attending a Net.

Looking forward to hearing some of you on the air .

73, Ken / KD8RJN

## WINTER FIELD DAY 2019

It was definitely wintery weather for the January 26/27 Winter Field Day event. No reports have been received by your editor so we will all have to wait for the February meeting to learn how it all played out with our club effort. I did hear an N8LC CQing near 28.026 MHz on Sunday morning (around 11:48 AM), but I was unable to make a contact, and the CQ calling just stopped. John / N8FYL



## Thoughts about some Club Goals

Ken / KD8RJN

Last month I stated a few goals we could have for 2019:

- Increase Membership.
- Find additional ways to make the club fun and help new and veteran hams enjoy the hobby. The hobby is exciting with the technology always changing.
- We need to find a way to help members of all technical levels learn and increase their knowledge and use of Amateur Radio.

These sound like good ideas but the question is always the HOW. I came up with a few ideas I would like to provide for discussion and maybe it will help us come up with additional ideas and move forward.

Here are a few topics for discussion during our meetings.

### Increase Membership:

My first thought was not only how to increase membership but also get younger people into the hobby to keep our club going for many years to come. Many times a club will grow as the word spreads about the club and the things it provides. I think that has been happening and why we are growing.

One thing I thought may be fun is to have a session at one of our meetings that I will call Show and Tell. Members can bring or show kits they have build that provide fun and function for them. Maybe show a product they use in the shack and how it has improved their enjoyment or ability to make contacts. This could also be added to the agenda each month to see if anyone wants to present a Show and Tell item.

These can be short 10 to 15 minute overviews of the item to bring awareness to the members of something you find fun and useful.

If it is a presentation on a kit maybe we then see how many members are interested in purchasing the kit and then schedule a kit building session as a club.

Next is training, As they say you can always learn a new or better way to do things. If we have some of our skilled hams present how to do the basics. Soldering, kit building process, setting up software like digital or logging, short cuts that make things smoother in the shack like tuning a radio. I am sure there are many of us that struggle with doing things or don't attempt them because we just don't know how,

As a club's treasury grows many clubs struggle with what to do with the funds. We do things like supplement the Christmas dinner, maintain our repeater, and make a few donations to the senior center we use for our meetings and the youth forum. All good stuff. The problem, but a good problem, is a treasury will continue to grow.

One idea I had was how to get our veterans of the military involved. I am sure there are many local Vets that are disabled and could spend many hours on the air talking with other vets.

They may lack the training, the ability to install antennas and the funds for equipment. With the cost of the products being produced today, at very low prices, we could provide training to those interested to get their license, install a simple 2 meter antenna at their home and provide an inexpensive 2 Meter radio.

Just think if each club in the area took a few Vets under their wing to help them get on the air. I am sure the word would spread and we could have a new group of younger members on the air and keep the hobby and the clubs going.

I looked at some things taking place on line to support our veterans but they are on a national level. I have not seen anything taking place at a local level support by clubs to provide the training, support, and equipment.

If we are interested in attempting to provide some form of a program like this I will check with a few of the local veterans groups to see if there is an interest on their end to work with us.

\*\*\*\*\*

# Report of the Secretary

Submitted by Dave, N6WY

## **Meeting Called to Order:**

The LCARC President (Ken, KD8RJN) called the 2 January 2019 LCARC general meeting to order around 7:02 PM.

Roll Call. I counted a total of 25 people at this meeting including two visitors. The two visitors were Paul, KC8BDK, and George, KA6IWP.

Meeting Minutes Approval. Meeting minutes as in the December's Tuned Circuit News Letter were approved after a motion made by Dale, K8RO, and seconded by Cathy, KC8WNK.

## **Mi6WAN Network Presentation:**

Tonight's presentation preceded the business meeting. The presenter was the Macomb County ARPSC Emergency Coordinator, Paul Reinhardt, KC8BDK.

Mi6WAN is an Internet Protocol (IP) based network that uses microwave, fiber and wireless connections for a high-speed point to point and point to multipoint network. The network links are measured in MBPS not bps like traditional ax.25 based amateur radio based networks. Dave, N8HUL, and Marty K8HVI, will have discussions with Paul to determine if the Mi6WAN network can provide internet access for the N8LC repeater.

## **Where's Doug, N8PYN:**

The next swap is the Hazel Park ARC's 53rd Annual Swap and Shop on Sunday 27 January 2019. This is the same weekend as Winter Field Day.

## **Repeaters Status by Doug, N8PYN:**

Doug turned on the heater for the repeater shack.

## **Net Points Report from Clem, W8VO:**

Clem is recovering from an injury and was not at tonight's meeting. John, N8FYL, announced the only net point award was Tom, WU8C, at 4950.

## **Membership and Tuned Circuit Report John, N8FYL:**

The LCARC has 71 members at the start of 2019. Five members have not renewed from last year. The next Tuned Circuit deadline is 28 January.

## **Treasurer's Report by Gregg, N8GEO:**

Total amount in the account is \$7300.74.

The Youth Fund has \$184.74.

The Repeater Fund has \$599.42.

Total Available \$6516.58.

The Youth Fund increased is due to the Christmas Party Radio raffle by Ralph, W8ROI. Treasurer's Report approved after a motion made by Rick, K8RWM, and seconded by Dale, K8RO.

## **Old Business:**

Christmas Party. The Christmas Party was a great success. Cathy, KC8WNK, said that other locations are available for the Christmas Party but no one has any complaints with Sajo's. The food, service, and party room is good. Gregg, N8GEO, said that if we change and want to go back, Sajo's may have already booked the party room to someone else.

*(Continued on page 4)*

(Continued from page 3)

Winter Field Day (WFD). Listeners and observers are welcome to the Tucker Center during WFD. This is an opportunity to learn about contesting operations and logging. Dale, K8RO, and Scott, W8CQD, will provide two stations. Others may also provide a station. A list will be posted on the LCARC reflector page for people to sign up for operation times, equipment, and potluck food items. LCARC has the Tucker Center from 9 AM Saturday, 26 January 2019 to 5 PM Sunday, 27 January 2019. (Contest time is from 2 PM Saturday until 2 PM Sunday).

Banner Stand. Ken, KD8RJN, made a stand for the LCARC banner. This stand may be used to display the banner indoors or outdoors. The stand is portable and easily assembles and disassembles. Ken's wife is making a canvas bag for storing and transporting the stand.

### **New Business:**

Donated Equipment. Debbie, KC8WHN, announced that Rose, K8VFR, wants to donate her station equipment to the LCARC Youth Fund. Gregg, N8GEO, said that Rose should keep her 2 meter FM radio and stay active on the N8LC repeater. Ralph, W8ROI, will collect the donated equipment from Rose and encourage her to keep her 2 meter equipment. LCARC needs to send a certificate of appreciation to Bob Winkel, KG8DD, for his equipment donated to benefit the Youth Fund.

P.O. Box. Ken, KD8RJN, said that the LCARC P.O. Box is not used and we do not need it. John, N8FYL, made the point that the P.O. Box is published in the Tuned Circuit and is the official address for LCARC.

Monthly Night on The Town. The next "Night on The Town" is at Roger's Roost on 22 January. See the announcement in the Tuned Circuit Extra for details .

### **Board Meeting:**

Ken, KD8RJN, announced that the next board meeting is Wednesday, 9 January at Roseann's Kitchen. The business meeting starts at 7:00 PM. You can eat before, after, or during the business meeting. See announcement in Tuned Circuit.

### **Drawings:**

Winner	Prize	Winner	Prize
Fritz, KE8BFW	\$15.00 (50/50 prize)	Deb, KC8WHN	Baofeng Radios
Bob, KA8VSI	Wire Cutters	Scott, W8CQD	Volt Meter
Gregg, N8GEO	Heat Shrink Tubing	Fritz, KE8BFW	Solder

### **Meeting Adjourned and White Elephant Exchange:**

Ken, KD8RJN, adjourned the business meeting at 8:51 PM. The White Elephant Exchange started immediately. Everyone had a good time with the White Elephant Exchange and all activities ended at 9:15 PM.

If you are not currently a member of the lcradioclub group, aka "the reflector", you can join! I don't know all the possible ways to join, but to get the full experience you will need a Yahoo account (does NOT mean you have to use Yahoo mail). Navigate to the lcradioclub group page and click the "+ Join Group" button. After the moderator approves your request, you will be "on the reflector"!

# Board Meeting Minutes

Submitted by Dave, N6WY

## **Meeting Called to Order:**

The LCARC Board Meeting was called to order at 7:00 PM on Wednesday 9 January 2019 by the LCARC President.

### **Attendees:**

President, Ken -- KD8RJN  
Vice President, Scott -- W8CQD  
Treasurer, Gregg -- N8GEO  
Secretary, Dave -- N6WY  
Past President, Debbie -- KC8WHN  
Technical Officer, Doug -- N8PYN  
Cathy -- KC8WNL  
Jenny

## **White Elephant:**

The board agreed to use the same rules for the next January white elephant exchange.

## **Repeater:**

The board reviewed the work required for the antennas at the 70 foot level and the 200 foot level located on the repeater tower. The board also discussed how we could work with Mi6WAN network that would benefit both LCARC and the Mi6WAN network. Scott, W8CQD, is going to send a gasoline gift card to Paul, KC8BDK, for giving the January's general meeting presentation.

## **Winter Field Day:**

Gregg, N8GEO, has sent out two emails on 9 January with the subject line "Winter Field Day Invite" and "2019 WFD Pot Luck Invite". Those emails contain sign up sheets. WFD participants can reserve a time and position for WFD and indicate a potluck item.

## **VE Testing:**

Gregg, N8GEO, said that Cliff, AB8XQ, has VE testing set for the year.

## **Christmas Dinner:**

Gregg, N8GEO, said that the Christmas Dinner cost was \$30.50 per person. Each attendee paid \$20.00 and the club paid \$10.50. The board agreed that the Christmas Dinner chairman can select the location for the LCARC Christmas Dinner. For this year, Cathy, KC8WNL, and Judy (Ken's wife) are co-chairs.

## **How To Increase Membership:**

Ken, KD8RJN, lead a discussion on how to increase club membership. Some ideas included, technician classes, build a project, special nets, and several others.

## **Meeting Adjourned:**

Meeting adjourned around 8:30 PM.

## FEBRUARY 6TH MEETING PROGRAM

The February program will be announced at the meeting. No input received by the editor



**MEETING time is 7:00 PM**



Fritz / KE8BFW submitted the links for this interesting, and unique, QSO Party event. In addition to the link at the bottom, see <http://qrper.com/2018/11/the-2019-lightbulb-qso-party/> for more nifty pictures and info.

### Do you have what it takes to be TOP BULB?



Find out in the 2019 Lightbulb QSO Party  
The ultimate challenge in ham radio.

Sat. March 9th 20:00 UTC through Sunday March 10th 20:00 UTC.

5 categories of competition...

HOUSEHOLD....COMMERCIAL/INDUSTRIAL....HOMEBREW....DUMMY LOAD....FREESTYLE

Objective: to build and use an antenna constructed with a lightbulb as the main radiating element and make as many CW, Phone, and Digital QSOs as possible in a 24 hour period.

Complete rules, detail, and information on constructing and using a lightbulb as an antenna can be found at :

**[HAMSIGNAL.COM](http://HAMSIGNAL.COM)**

## Membership Report

Our membership count has increased by one to 71, but I suspect that this will be temporary. If there are no changes before or during the meeting of February 6, 2019, the three who have not renewed for 2019 will be dropped from the database and will no longer receive *The Tuned Circuit* email notifications.

To renew please submit your dues and membership form to our Treasurer Gregg/N8GEO so the dues money is deposited in the club's account. Gregg then gets the forms to me for the membership database.

John / N8FYL — 1/28/19



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## Have you seen the Sans Forgetica font?

John / N8FYL

A while back I saw an article about this newly developed font.

The website <https://www.sansforgetica.rmit/> describes it as

Sans Forgetica is a downloadable font that is scientifically designed to help you remember your study notes.

It is a free download (duh, do you think I would pay to use it in this article? :-). The website goes on to say:

Sans Forgetica is a font designed using the principles of cognitive psychology to help you to better remember your study notes.

It was created by a multidisciplinary team of designers and behavioural scientists from RMIT University.

Sans Forgetica is compatible with both PC and Mac operating systems. Download it for free today, or keep scrolling to learn more about how it was made.

[RMIT University](#) is in Australia, hence the non-US spelling of “behavioral” in the above quote.

Here are some items you’ll want to remember:

- The next club meeting is February 6th.
- Michigan QSO Party is April 20th.
- Hamvention is May 17-20.
- ARRL Field Day is always the 4TH full weekend in June. That’s the 22nd & 23rd this year.

Only time will tell if this unique font has helped you remember!

John / N8FYL

## Make Ham Radio a Habit

By Dan Romanchik, KB6NU

Every week, I get an email newsletter from Penguin Random House called *Signature*. *Signature* includes links to articles about books and writing. Being a writer, I clicked on the link to "5 Good Writing Habits You Need to Learn Now." As I was reading the article, it occurred to me that the advice could also apply to amateur radio.

So, with apologies to the author, Lorraine Berry, here are five things you can do to make ham radio a habit:

1. **To get on the air more, or to do more building, set up a time to do it.** If you enjoy getting on the air or homebrewing, but never seem to be able to find the time to do it, you need to put it on your schedule. Set aside the time a couple of days, or a week, or even a month in advance, and you'll be more likely to do it. If you set up a regular time every week, pretty soon it will be a habit.
2. **If ham radio is important to you, create an environment that encourages you to do ham radio.** To make ham radio a habit, you really need a place that's set up to do ham radio. If you have to dig out and set up your equipment every time that you want to get on the air, you're just not going to do it. You need a "shack" that makes it easier for you to engage in the hobby. Richards, K8JHR, gave me some great advice back in 2012 on where and how to set up a shack (<https://www.kb6nu.com/building-a-new-shack/>).
3. **Create temptations that reward you for your new habit of ham radio.** For me, being able to make interesting contacts, or building some new gizmo, is reward enough, but you may want to reward yourself with a beer or some ice cream after an operating session.
4. **Make it easy to do what you like to do.** This is related to #3. Your shack should have everything you need to easily do whatever ham radio activities you enjoy doing. If you enjoy operating, then it should have a nice operating desk. If you enjoy building, then set it up so that all your tools are readily accessible. The easier it is to do, the more likely it is that you'll do it. If you enjoy operating portable, then build up a kit that has all the stuff you need and have it ready to go when you're ready to go.
5. **Start with the Two-Minute Rule for new habits and continue from there.** The "two minute rule" (<https://www.lifehack.org/articles/productivity/how-stop-procrastinating-and-stick-good-habits-using-the-2-minute-rule.html>) is a tool to help you overcome procrastination. The idea is to allot just two minutes to a task that you'd like to complete or a skill that you'd like to develop. It's a small commitment, but enough to get you started, and the idea is that once you're started on a particular task or project, continuing work on that task or project becomes a lot easier. Those two minutes could easily become a half hour or an hour once you've gotten the ball rolling.

Armed with this advice, I'm expecting you to be a more active ham in 2019. I'll be listening for you on 40 meters.

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Dan Romanchik, KB6NU, is the author of the KB6NU amateur radio blog ([KB6NU.Com](http://KB6NU.Com)), the "No Nonsense" amateur radio license study guides ([KB6NU.Com/study-guides/](http://KB6NU.Com/study-guides/)), and one of the hosts of the No Nonsense Amateur Radio Podcast ([NoNonsenseAmateurRadio.Com](http://NoNonsenseAmateurRadio.Com)). His wife sometimes thinks that amateur radio has become too much of a habit for him.

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# Livonia Amateur Radio Club

Talk-in  
145.35 with 100 PL  
or 146.52 Simplex

49th

GREAT  
VENDOR  
ACCESS

ANNUAL

# SWAP-N-SHOP

Buy and Sell Amateur Radio  
Gear, Computers, or  
Electronic Test Equipment



Civic Park Senior Center  
15218 Farmington Rd.  
Livonia, MI

(SE corner of Farmington  
Rd. and 5 Mile Rd.)

Livonia ARC  
P.O. Box 51532  
Livonia, MI 48151-0532  
[www.livoniaarc.com](http://www.livoniaarc.com)

Call (734) 941-5043

or e-mail us at [k8uns@arrl.net](mailto:k8uns@arrl.net)

Sunday, February 17, 2019 8:00am - 12:00pm



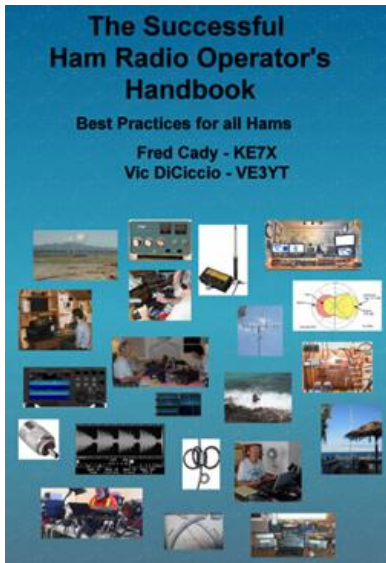
\*Lots of Tables  
(8' tables for \$16 each  
if paid in advance or  
\$20.00 if available and  
paid at the door)

\*Door Prizes

\*Food Concession

\*Tickets \$5.00

## The Successful Ham Radio Operator's Handbook



In December I (N8FYL) received the letter below:

Hello Club Newsletter Editor,

Vic, VE3YT and Fred, KE7X are pleased to introduce "The Successful Ham Radio Operator's Handbook", a new book aimed at new or returning hams to help them learn about the exciting challenges ham radio offers us today and to help them be successful. Attached is a news announcement describing the book in more detail. We would be pleased if you would be able to use it as an information article in your club newsletter.

73,

Fred and Vic

Here, is their attached news announcement. I have no knowledge or information about this book other than what is presented here. John / N8FYL

This new book is aimed at new or returning hams, to help them understand the practical aspects of the hobby, how to use their radios, build antennas and baluns, and get on the air successfully. In it you will find explanations of how the various parts of your ham radio - the transmitter and receiver - work, plus how these are being implemented using software defined radio technology. Operating techniques for VHF/UHF repeaters, HF radio DXing techniques, and the new digital modes are covered. Radio propagation, antennas, transmission lines, SWR and the mysteries of baluns are explained. Building your HF station, choosing a radio, connecting your radio to a computer, and mobile and portable operation are extensively covered.

Both the pdf and spiral-bound printed versions are available from Lulu.com, and the print copy is also sold by [DX Engineering](#). You can find them via the links below:

<http://www.ke7x.com/successful/ordering-the-successful-ham-radio-operator-s-handbook>

Here is a link that describes the book in more detail:

<http://www.ke7x.com/successful>

Follow us on [www.facebook.com/KE7XBOOKS](http://www.facebook.com/KE7XBOOKS) to keep up-to-date on book news and to be notified of book discounts at [www.lulu.com](http://www.lulu.com).

This book has 267 pages, 211 figures and diagrams, and 53 tables of data to make understanding the sometimes complicated ham radio operations much easier. The book follows KE7X's philosophy of presenting material in several forms to accommodate people with different learning styles - reading, visualizing, hands-on - with the many figures and text explanations and there are hands-on exercises throughout the book that can help you learn more about your particular radio.

One instructor for new and advanced ham classes has said, "This book is exactly what is needed. I've seen some other books targeting the new hams that are less than satisfying both technically and in content but this one is right on the mark and covers so much information that I so often get asked about, during and after teaching classes."

Here are more details on the content:

- With nearly 110 years of ham radio experience between them, the authors are still excited about the challenges this wonderful hobby offers. *The Successful Ham Radio Operator's Handbook* will guide you when exploring some of these.

(Continued on page 11)

(Continued from page 10)

- Its goal is to help new operators and returning old-timers learn about the breadth of exciting ham radio activities and challenges available today.
- It answers the question "Why is ham radio relevant in the Internet age?"
- It covers a wide range of topics, helping the reader to understand the excitement of different facets of ham radio and to choose a challenging and exciting activity to pursue.
- It helps the reader better understand how the radio works. Many hams only use a small fraction of the features of their radio. For example, if you understand how a noise blanker or a roofing filter or the AGC works, you will be able to more easily use these, and other, features of your radio to your benefit.
- It provides exercises designed to apply the knowledge to cement your understanding of how your radio works without being radio-specific. It is good for all makes and models.
- It helps the reader get enough background to understand much of the jargon hams who pursue special activities, such as the various digital modes, VHF contesting and moon bounce. It quickly takes the novice reader to higher level of understanding and provides URLs and websites that help the reader go deeper into new interests.
- Antennas remain a key area where all hams can still successfully experiment and create a key part of their station. This book provides information to help new hams get started cutting their own verticals and dipoles. It explains why some popular multiband antennas may have compromises that impact performance.
- It gives practical guidelines about choosing transmission lines and building and using baluns and chokes.
- Digital modes such as RTTY, PSK and the new WSTJ modes are explained. The computer-to-radio connections needed for these modes are discussed and illustrated.
- Many hams are motivated by public service and emergency preparedness. This book describes typical local emergency organizations and national networks.
- Hams who like to operate while traveling will find practical information on reciprocal international agreements and how to get permission to operate legally.

## Future Programs & Activities

Scott Hernalsteen, W8CQD — Activities Manager

February 6, 2019	Regular Meeting
March 6, 2019	Regular Meeting
April 3, 2019	Regular Meeting
April 20, 2019	<a href="#">Michigan QSO Party</a> (MIQP) [Still last year's info on the web as of 1/30/19]
May 1, 2019	Regular Meeting
May 17-19, 2019	(Dayton) <a href="#">Hamvention</a>
June 5, 2019	Regular Meeting

## L'Anse Creuse ARC Board Members – 2019

### President

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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 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	Debbie John	KC8WHN N8NXW
Call Sign ID Tags	Gregg Crump	N8GEO	Membership Chairman	John Huber	N8FYL
Christmas Party	Keith Harris	W8KD	TC email distribution		
Club Apparel & Patches	Scott Hernalsteen	W8CQD	Net Points Manager	Tom Mathison	WU8C
Club Call Trustee - K8AYZ	Ted Bak	K8EO	Net Points Upgrade Awards	Clem Duval	W8VO
Club Call Trustee - N8LC	Marty Folz	K8HVI	TC Postal Distribution	John Huber	N8FYL
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	Russ Price	N8HAR
Door Prizes—Tickets	Wayne Hearn	WG8U	<i>Tuned Circuit</i> Editor	John Huber	N8FYL
Echo Repeater Trustee	Marty Folz	K8HVI	Volunteer Exams	Gregg Crump	N8GEO
Field Day			Webpage ( <a href="http://n8lc.org">n8lc.org</a> )	Doug Chauvin	N8PYN
Health & Welfare			Webpage Assistant	Marty Folz	K8HVI
			Youth Forum (50/50)	Ralph Irish	W8ROI
			[Alternate]	John Slobodnik	N8NXW

### 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

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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](mailto:w8fsa@arrl.net), 734-930-6564. Second Saturday of each month.

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

First Tuesdays of Even Months.

Howell ([Livingston Amateur Radio Klub](#)) Second Tuesday of each month, 7PM, at the Livingston County EMS Facility, 1911 Tooley Road, Howell, MI. ALL AMATEUR EXAMS AT THESE SESSIONS ARE FREE.

### LCARC

February 18 (Monday), May 20 (Monday), and August 19(Monday), 2019 at the Tucker Senior Center. December 1, 2019 at our swap.

**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

## Online Practice Exams:

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

<https://www.qrz.com/hamtest/>

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

## Morse Code Resources:

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

<http://www.g4fon.net>

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

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

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



## Upcoming Swaps

### 02/17/2019 | [Livonia ARC's 49th Annual Swap & Shop](#)

**Location:** Livonia, MI

**Type:** ARRL Hamfest

**Sponsor:** Livonia Amateur Radio Club

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

[Learn More](#)

### 03/16/2019 | [2019 Michigan Crossroads Hamfest & Radio Swap](#)

**Location:** Kalamazoo, MI

**Type:** ARRL Hamfest

**Sponsor:** Southern Michigan Amateur Radio Society

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

### 03/17/2019 | [TMRA Hamfest and Computer Fair](#)

**Location:** Perrysburg, OH

**Type:** ARRL Hamfest

**Sponsor:** Toledo Mobile Radio Association

**Website:** <http://www.tmrahamradio.org>

[Learn More](#)

### 04/7/2019 | 2nd Annual GMARC Technology Swap

**Location:** Madison Heights, MI

**Type:** ARRL Hamfest

**Sponsor:** General Motors Amateur Radio Club

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

[Learn More](#)

### 05/04/2019 | [Cadillac Hamfest](#)

**Location:** Cadillac, MI

**Type:** ARRL Hamfest

**Sponsor:** Wexauke Amateur Radio Club

**Website:** <http://wexaukeearc.org/>

[Learn More](#)

### 05/17/2019 | [2019 ARRL National Convention at Dayton Hamvention®](#)

**Location:** Xenia, OH

**Type:** ARRL Convention

**Sponsor:** Dayton Amateur Radio Association

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

[Learn More](#)

### 06/02/2019 | [Chelsea Amateur Radio Swapmeet](#)

**Location:** Chelsea, MI

**Type:** Hamfest

**Sponsor:** Chelsea Amateur Radio Club

**Website:** <http://wd8iel.com>

[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	Clem, W8VO	Every Monday
Monday	0130	2030	15 M	USB	21.395 MHz	Wayne, WG8U	Every Monday
Monday	0200	2100	6 M	USB	50.160 MHz	Gregg, N8GEO	Every Monday
Tuesday	0100	2000	2 M	Packet	144.93 MHz	TBD	Every Tuesday (Connect to detqso)
Thursday	0030	1930	10 M	USB	28.435 MHz	Clem, W8VO	Every Thursday
Thursday	0130	2030	2 M	FM	147.08+ MHz	Clem, W8VO	1st Thursday
						Wayne, WG8U	2nd Thursday
						Gregg, N8GEO	3rd Thursday
						TBD	4th Thursday
						Fritz, KE8BFW	5th Thursday

## Membership Request

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

Request For:

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.. 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)

☐ \$5.00 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 an ARRL Member: ( Y / N / Life )

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.)

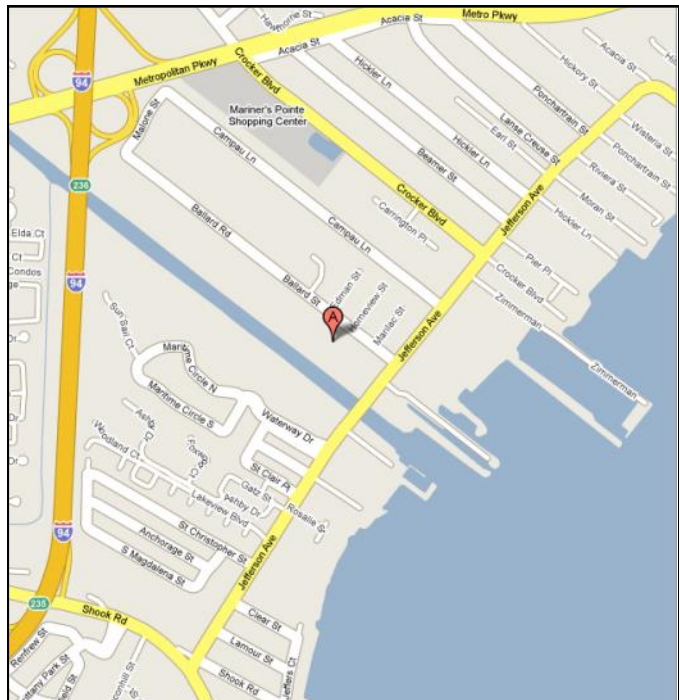
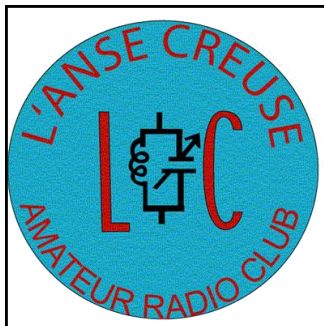
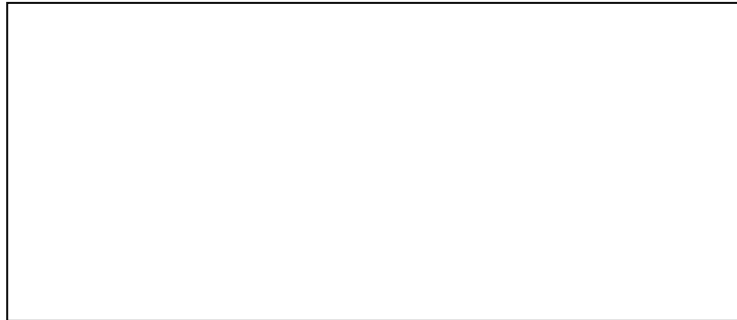
## ***The Tuned Circuit***

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

LCARC Web Site: <http://www.n8lc.org>

E-mail: [info@n8lc.org](mailto:info@n8lc.org)

First Class  
Postage  
+ Extra  
Ounce



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.