

THE TUNED CIRCUIT

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

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**October TC
Deadline:
Monday
September 23th**

Next Meeting - **7:00 PM September 4th 2019** 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 5!](#)

The **NEXT** board meeting will be on Wednesday, Sept 11th, 2019.

THE PREZ SEZ

WOW where did summer go. Every year I make plans to get a lot of updates done to the shack but things like weather, other projects, and fun times up north, get them put on the back burner. Then I wake up one day and fall is almost here and nothing has been done on the shack or equipment. I hope others are able to have ham radio closer to the top of their priority list than I do.

I would like to give a Thank You to the members of the club that volunteer their time to provide testing to new hams and those looking to upgrade. They give up personal time even during the summer to help move our hobby forward. Thanks guys - Great Job.

I look forward to getting back to our regular meetings as I think it helps me get focused on getting things done on my radios. I also enjoy spending time with fellow hams and hearing what they are working on.

Ken - KD8RJN



Who Found the Fox?

The annual club fox hunt took place following the June meeting. For the third year, Debbie / KC8WHN volunteered to be the fox, using the N8PYN Fox Box.



After some issues getting the fox box on the air three teams set out to track down the source of the Fox's RF signal, and everyone found the fox! The group then convened for the post hunt pizza at [Bentleys Roadhouse](#) where the amazing results were revealed.

1 st OVERALL ONLY non-doppler	John/N8FYL, Denny/AC8JH, Mike/N5WCS
2 nd & 1 st doppler	Marty/K8HVI, Dennis/KE8FZX
3 rd & 2 nd doppler	Tom/WU8C, Gregg/N8GEO

What a rare and unexpected occurrence for the winning team to **not** have doppler direction finding equipment.

Report of the Secretary

Submitted by Dave, N6WY

Meeting Called to Order:

The LCARC President (Ken, KD8RJN) called the 5 June 2019 LCARC general meeting to order at 7:00 PM.

Roll Call. I counted a total of 21 people responding to roll call.

Tom, WU8C, our usual DX check-in to the 2 meter N8LC weekly FM net from Florida attended tonight's meeting. Tom does check into all of the LCARC nets from Florida during the winter months.

Last month's meeting minutes as in *The Tuned Circuit* news letter were approved after a motion made by Mike, N5WCS, and seconded by Dennis, KE8FZX.

Where's Doug and Repeater Status by Doug, N8PYN:

Doug will be at the Monroe Ham Fest on Father's Day.

The 2 meter repeater is set to analog only and the 440 repeater is set to digital only.

Ken, KD8RJN, said that the repeater shack should be insulated during the summer months. The electric bill is going down with the warmer weather.

Donated Equipment by Macomb Community College (MCC):

Over the summer months, Ken, KD8RJN, and John, N8NXW, will pick up the items that MCC wants to discard. The MCC is discontinuing all radio courses. Some of the items to be discarded are almost new and still in original boxes. Items that have a MCC property tag need to be cleared by the college. MCC is taking down all antennas including a 60 foot tower.

Nets Points Report by John, N8FYL:

Name	Points	Name	Points	Name	Points
Clem W8VO	3300	Gregg N8GEO	1650	Don WN8IZV	100

Membership and Tuned Circuit Report by John, N8FYL:

The club has 71 members. The next *Tuned Circuit* deadline is 26 August.

Old Business:

Youth Forum at Hamvention. LCARC was mentioned as a sponsor for the Youth Forum at the 2019 Hamvention.

WA8BIJ Certificate. Ken, KD8RJN, made a certificate of appreciation for Vince, WA8BIJ. Vince made a cash donation to the club for purchasing the ARRL Library Book Set for a local library.

Mi6WAN Network. Ken, KD8RJN, made contact with Mi6WAN network representatives. Mi6WAN network may be the program for the LCARC October meeting.

Vets to Ham. Ken, KD8RJN, is planning a hot spot demonstration at the Roseville VA center sometime during the summer break.

Field Day. Gregg, N8GEO, reported Field Day is all set. The site will be well marked with signs.

Board Meeting. The next board meeting is the second Wednesday of September.

LCARC Swap News. Russ, N8HAR, has the 2019 Swap Flyers for Doug, N8PYN, to take to the Monroe Swap. The radio for the raffle at the N8LC December swap was purchased at the Hamvention for \$669.

(Continued on page 3)

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New Business:

Field Day. John, N8NXW, said that we should install a permanent ground rods at the Field Day site. Due to the park mowing grass around the Field Day site, the consensus of members at tonight’s meeting is not to have permanent ground rods at the Field Day site.

Monthly Dinners. Ken, KD8RJN, wants to keep the monthly dinners going through the summer months.

Fox Hunt:

Fox hunt tonight. No show and tell, no drawing, and no program tonight. The after the Fox Hunt meeting is at Bentley's. Roadhouse on South River Rd. in Harrison Twp.

Meeting Adjourned:

The meeting adjourned at 7:40 PM.



PRE Meeting Pot Luck

by Ken / KD8RJN

As we all know the second most favorite thing Hams love to do is eat and drink. So after a few months off without meetings I am sure our members are hungry. To help cure Ham Hunger we are planning to have a Pot Luck dinner before and during our first meeting after the summer break. Said meeting is scheduled for Wednesday September 4th.

I hope those members that can come a little early would show at 6:30 to help start setting things up and getting the fabulous main course starting to cook. We will be having a elegant main course of cylinder steaks on folded store made bread (Hot Dogs on Buns). The club will provide

the main course, soft drinks, and paper products.

I will put out a notice on the Reflector and a list of items we need for members to provide. If you are not on the Reflector you can send me an email kenjanicki@comcast.net of what you plan to bring and I can add it to the list.

Hope you can make the first meeting back and enjoy a fabulous dinning experience, friendship, and enlightening conversation. 73, Ken

Items for Pot Luck:

- Grill - A member offered to bring one at our last meeting but I have not been able to get in touch with him to confirm. I would like to have a backup available in case I cannot contact him.
- Hot dogs, buns, soft drinks, paper products will be supplied by the club.

Items members could provide: (If your dish requires serving utensils please provide those.)

- | | | |
|---|--|--|
| <ul style="list-style-type: none"> • Chili for the hot dogs • Diced onions • Condiments: <ul style="list-style-type: none"> ◆ Ketchup ◆ Mustard ◆ Relish | <ul style="list-style-type: none"> • Any side dish you would like to bring like: <ul style="list-style-type: none"> ◆ Cole slaw ◆ Potato Salad | <ul style="list-style-type: none"> • Any kind of desert like: <ul style="list-style-type: none"> ◆ Cookies ◆ Pies ◆ Cakes ◆ Brownies |
|---|--|--|

SEPTEMBER 4TH MEETING PROGRAM

The September program will be preceded by a pot luck meal ([see page 3](#) in case you missed it!). The presentation will be video by Dave Casler (KE00G) about [HF Antennas for Less Than Ideal Circumstances](#).



MEETING time is 7:00 PM



Membership Report

We welcome new member Dennis, [KE8HVQ](#) to the club!. The member count is 72, of which 9 are Life members. Of the 63 regular members, and 6 are enjoying the first year free experience. Of note is that Lito is now K8AJJ (instead of KE8LYD).

John / N8FYL – 8/27/2019



After a very long wait 2018 (yes 2018) [Michigan QSO Party](#) official results were posted to the MIQP website on August 2nd, 2019. You can read about the reason for the delay there. The N8LC effort yielded the predicted 4th place out of 7 in the multi-operator multi-transmitter class. The L'Anse Creuse aggregated club score (N8LC+N8FYL) was also 4th in the Michigan Clubs tabulation of 14 eligible club entries. The Highest Scoring Single Operator in Oakland county was John / N8FYL. The score of 52392 was good enough for 4th overall in Single-operator low power. Not tabulated but the N8FYL score would be 6th overall for ALL 71 single-operator entries.

Now we wait about 7 months for the 2020 MIQP on April 18, 2020.

How to Have a BIG Signal in Michigan when You're in Florida!

By Tom / WU8C

Hello all from Fort Myers, Florida! I was asked to do a recap of my remote station, so here it is!

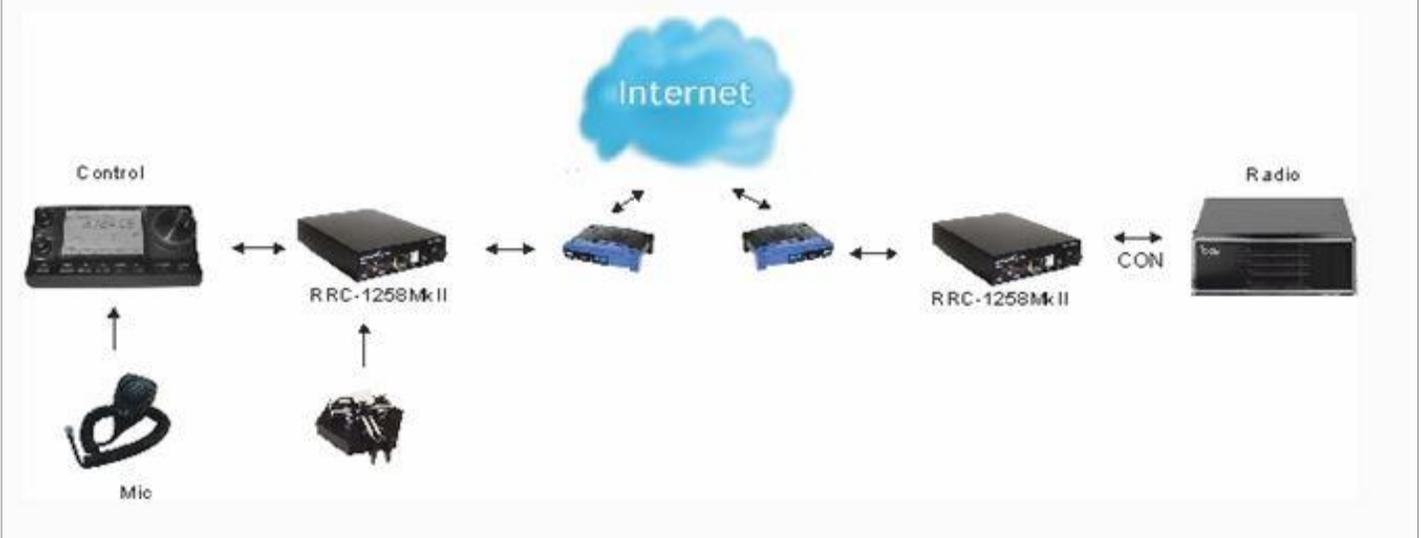
I live in a condominium here in Florida and with that come some restrictions on what kind of station I can put up. Along with these restrictions comes a propagation problem that more than not, keeps me from enjoying checking into the weekly L'Anse Creuse nets.

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To improve this situation, I decided to remote my station from Michigan to Florida. I located my station at my son's garage in Harrison Township, MI. This involved, of course, a good internet connection and some good hardware. I utilized a device called RemoteRig, made and sold by Mikael Styrefors of Micro-bit. (www.remoterig.com) This device marries well with several ham radio rigs and especially the Icom IC-7100. The IC-7100 is an all mode, all band radio that supports the HF, VHF, and UHF bands. The control head is separate from the base unit, in my case by about 1,400 miles.

IC-7100



At my remote station (the Michigan location), I also have other supporting hardware. All my station components are mounted into a U6 relay rack mounted in my son's garage. This relay rack opens front and back.

Included within this rack are:

- An I-7 class computer. ([Kingdel NC860](#) 1.8GHz, 4 cores/8 logical processors, 16GB ram, 512GB SSD) This allows me to remote into it using Remote Desktop to do all the digital modes, such as FT-8 and logging using N3FJP AClog
- [LDG IT-100 Auto Tuner](#), can be operated remotely from IC-7100 control head
- [MicroBit AS-1289 Antenna Switch](#), to remotely switch between HF (Cushcraft R7), VHF (6M Dipole), and dummy load.
- Two power supplies, 40 amp for IC-7100, 5 amp for other accessories
- PC-8000 Ethernet Power Controller, to turn on/off all power remotely.



(Continued on page 6)



So, when you hear me on the nets, be aware that I am about 1,400 miles away via the internet. As much as I would like, it doesn't qualify for a DX contact. I do enjoy keeping in touch with my friends from the LCARC!

73, Tom / WU8C

FIELD DAY 2019



www.arrl.org

The board meeting minutes in the June *Tuned Circuit* were 100% correct about Field Day. The L'Anse Creuse 2019 Field Day activity did occur at our perennial Field Day operating site at [Addison Oaks County Park](#). The 2019 activity was 2A, plus the "free" VHF/UHF station, a GOTA station operated by Dennis/KE8FZX, and satellite station. HF stations were set up by K8RO for CW, and K8HVI for SSB. N8GEO & WU8C had the 6M, 2M, 440MHZ all mode set up as they have for several years. 1 less HF station than 2018, but the 2019 claimed score of 3220 beat the 2018 effort of 2328 by 892 despite not copying the ARRL Field Day message this year. That's a 38% improvement. Maybe less is more, eh? Or maybe the bands were just better this year.

Known participants include: Gregg/N8GEO, Tom/WU8C, Dale/K8RO, Marty/K8HVI, Doug/N8PYN, Ralph/W8ROI, Dave/N8HUL, John/N8FYL, Dennis/KE8FZX. Visitors included Mike/N5WCS, Russ/N8HAR, Fritz/KE8BFW, Henry/N8AT & grandson, Lito/K8AJJ & grandson, Ken/N8KC, Denny/AC8JH, Jim/AC8DO, and 3 park employees.

CW	SSB	GOTA	Satellite
450	535	17	3



Above: K8RO trailer for the CW station with the satellite gear under canopy & leaning on table.



Above: The K8HVI pop-up camper that was home to the SSB station.

Below: N8GEO trailer with the VHF/UHF station and the LCARC banner



Below: Dennis/KE8FZX at the GOTA station location.





The next KB6NU One-Day **One-Day Tech Class** will be held on Saturday, September 28, 2019. The class will prepare you to take the Technician Class exam right after the class. We

cover every single question in the question pool. The class will start promptly at 9:00 am and run until 3:30 pm, at which time the license exam will be given.

The class costs \$25 for adults, but is **FREE** for high school and college students. If you're a student, simply [send me an email](#), and I'll put you on the list. All others go to

<https://www.kb6nu.com/product/one-day-tech-class-ann-arbor-20190928/> to register online.

If you prefer to pay by check, **DO NOT CHECK OUT**. Send a check for \$25 to:

Daniel M. 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. In the meantime, you can [download a free PDF version of my study guide](#).

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

Note: to read the following rotated items on your computer, you can rotate the pages. The exact method depends on the PDF reader you are using. In Acrobat reader go to the View menu and use the Rotate item, OR CTRL-SHIFT+ is a keyboard short cut. If you are using the FireFox browser built in PDF reader use the Tools (upper right ">>") and then Rotate Clockwise. Reverse the procedure to return to "normal" reading. I put these items in rotated because I could get a lot more in less space. Editor

AMATEUR RADIO LICENSING COURSE



BECOME A HAM RADIO OPERATOR!

THE HAZEL PARK AMATEUR RADIO CLUB IS OFFERING
A 10-WEEK COURSE FOR

THE TECHNICIAN (ENTRY) AMATEUR RADIO LICENSE EXAMINATION (NO MORSE CODE REQUIRED)

WHEN: Every Thursday, from September 12, 2019 to November 14, 2019—7PM- 9PM
WHERE: Southfield Parks & Rec Center (Basement)

26000 Evergreen, Southfield, MI 48034

COST: INSTRUCTION IS FREE; LICENSE MANUAL IS \$25, AVAILABLE FROM THE INSTRUCTORS AT THE FIRST SESSION.

FCC License EXAM WILL TAKE PLACE AT THE LAST SESSION (Nov. 14) FEE: \$15

PRE-REGISTRATION IS NECESSARY

AMATEUR RADIO IS ALIVE AND WELL! WE ARE AT THE CUTTING EDGE OF TECHNOLOGY! JOIN OVER 2.5 MILLION HOBBYISTS AROUND THE WORLD--and in Orbit-- WHO ARE INVOLVED IN EMERGENCY RESPONSE, INTERNATIONAL FRIEND-MAKING, RADIOSPORT CONTESTS, DIGITAL SIGNAL PROCESSING, SATELLITE DESIGN/BUILDING. A GREAT PLAYGROUND FOR HACKERS/MAKERS.

Due to Space Limitations, priority will be given to CERT members, then according to earliest registration times.

QUESTIONS AND REGISTRATION—CONTACT Jerry: W9NPI@ARRL.NET

SPONSORED BY

THE HAZEL PARK AMATEUR RADIO CLUB, HPARC.ORG
Southfield Emergency Management Division

GENERAL CLASS LICENSING COURSE



TAKE THE NEXT STEP!

THE HAZEL PARK AMATEUR RADIO CLUB IS OFFERING
A 12-WEEK COURSE FOR

THE AMATEUR GENERAL CLASS LICENSE EXAMINATION

WHEN: Every TUESDAY, from September 10, 2019 TO November 26, 2019—7PM
TO 9PM

WHERE: SOUTHFIELD PARKS & REC BUILDING (BASEMENT)
26000 EVERGREEN, SOUTHFIELD, MI

COST: INSTRUCTION IS FREE; LICENSE MANUAL IS \$25, AVAILABLE FROM THE
INSTRUCTORS AT THE FIRST SESSION.

FCC License EXAM WILL TAKE PLACE IN OAK PARK (DEC 3) FEE: \$15

PRE-REGISTRATION IS NECESSARY

YOU'VE THOUGHT ABOUT IT--NOW, YOU CAN FINALLY GET AROUND TO IT! THERE'S
NOTHING LIKE SEEING YOUR HARD WORK PAY OFF—HF PRIVILEGES WILL OPEN A NEW
WORLD OF DXING TO YOU!

REGISTER: W9NPI@ARRL.NET

SPONSORED BY
THE HAZEL PARK AMATEUR RADIO CLUB, HPARC.ORG
CITY OF SOUTHFIELD EMERGENCY MGMT DIVISION

AMATEUR EXTRA LICENSING COURSE



BECOME THE BEST YOU CAN BE!

THE HAZEL PARK AMATEUR RADIO CLUB OFFERS A 12-WEEK COURSE
FOR

THE AMATEUR EXTRA CLASS LICENSE EXAMINATION

WHEN: TUESDAYS, from SEPTEMBER 10, 2019 TO NOVEMBER 26, 2019—7PM
TO 9PM

WHERE: HAZEL PARK SCHOOLS ADMINISTRATIVE OFFICE, 1620 E. ELZA AVE,
HAZEL PARK, MI

COST: INSTRUCTION IS FREE; LICENSE MANUAL IS \$25, AVAILABLE FROM THE
INSTRUCTORS AT THE FIRST SESSION.

FCC License EXAM WILL TAKE PLACE AT THE LAST SESSION (NOV 26) FEE: \$15

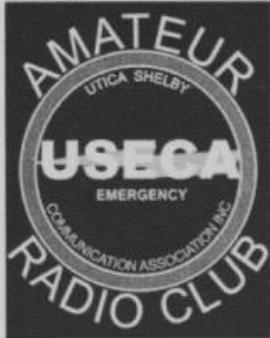
PRE-REGISTRATION IS NECESSARY

NOW, YOU CAN FINALLY GET AROUND TO IT! THERE'S NOTHING LIKE SEEING YOUR HARD
WORK PAY OFF—OUR INSTRUCTOR IS INNOVATIVE AND THOROUGH, AND YOU'LL HAVE
AN EXCELLENT CHANCE OF PASSING, IF YOU DO YOUR HOMEWORK.

REGISTER: W9NPI@ARRL.NET

SPONSORED BY
THE HAZEL PARK AMATEUR RADIO CLUB, HPARC.ORG





U.S.E.C.A. Hamfest 2019

Sunday, October 27, 2019

8:00 AM - 1:00 PM

Vendors may set up at 6:30 AM

Talk-in on K8UO Repeater 147.180+ 100 Hz CTCSS

United Food & Commercial Workers Local 876 Hall

876 Horace Brown Drive Madison Heights, MI 48071

(2 blocks south of 13 Mile Road, between Stephenson Highway & John R Road)

Questions? Ask our Swap Chairman:

Gary Simms, KI8M, email:ki8m@arrl.net 586-322-2134

New & Used Sales, Radio test bench, VE test session *

DXCC card check available (Forms need to be filled out in advance. All bands & awards except 160m)

Great Door Prizes, food and Radio Raffle!

Swap admission is \$5.00 (Children under 12 are free) and each table is \$15.00

Tables should be purchased in advance. Limited tables may be available day of swap.

*Note: VE testing is between 9-10 AM. Bring \$14.00 cash, photocopies of existing licenses to CSCEs. Originals not accepted. Two pieces of ID are also required, one of which must have a photo. You must also provide either your Social Security number or FRN. Pre-registration is preferred, but not required. Contact Alec, NF8X, nf8x@arrl.net.

VENDORS! DO NOT ATTACH ANYTHING TO THE WALLS!!

Name _____ Call _____

Email _____ Phone # _____

Address _____

City _____ State _____ Zip _____

of Tables _____ # of Admission Tickets _____

Total Enclosed \$ _____

Special Requests _____

Checks for table reservations & admission tickets should be made payable to:
USECA PO Box 46331 Mt. Clemens, MI 48046

Thanks for a great Mind Over Matter 2019!

[from the LCRADIOCLUB Yahoo group/reflector on August 4, 2019]

Hello Everyone:

I would like to thank the club for allowing us to use the Echo repeater yesterday to support the Mind Over Matter bicycle event to raise money for the Alzheimer's Association.

It helped us provide a safe and enjoyable event.

Bob George, KB8QYJ (586) 463-6058 bobjgeorge@gmail.com

18822 Woods Drive W.

575 W. Ocotillo Pl

Clinton Township, MI 48036

Green Valley, AZ 85614

Mind Over Matter 2020 will be next year on Saturday, August 1st. See you there!

///What3words: The app that can save your life

I recently saw an item (<https://www.bbc.com/news/uk-england-49319760>) about an app for smartphone and web browsers called [What3Words](https://what3words.com). What3words essentially points to a very specific location. Its developers divided the world into 57 trillion squares, each measuring 3m by 3m (10ft by 10ft) and each having a unique, randomly assigned three-word address. It turns out that 40,000 words are enough to create three words for every one of the squares in the world. Once the app is installed on a phone, the phone does NOT need a phone signal to determine the three word location (assuming the phone has GPS working, I guess—Ed.) I installed it on my phone and it works! Using the app (through my web browser) at the developers site <https://what3words.com> I determined that the front door at the Tucker Senior Center (the location of our meetings) is “[examination.vivid.escaping](#)”. The center of our field day operations are at “[fireworks.lollipop.snug](#)”. Click the links and see for yourself. I encourage you to read the BBC item, and explore the What3Words web site. I think you will agree that this tool could be very useful to first responders, and make the difference in life or death when trying to locate sites that don't have a street address. It would be useful to get a pizza delivered to deer camp too!. 73, John / N8FYL

Future Programs & Activities

Scott Hernalsteen, W8CQD — Activities Manager

September 4, 2019 Regular Meeting to start the 2019-2020 year! Pot Luck Picnic

October 2, 2019 Regular Meeting

November 6, 2019 Regular Meeting — Last chance to review 2019 Swap plans

December 1, 2019 L'Anse Creuse Swap!

December 4, 2019 Regular Meeting — Elections

December 11, 2019 Annual Christmas Party/Dinner

January ??, 2019 Regular Meeting—NOT on the 1st, which is New Year's Day!

L'Anse Creuse ARC Board Members – 2019

President

Ken Janicki, KD8RJN
55775 Nile Way
Macomb, MI 48042-6188
(586) 786-1408
kenjanicki@comcast.net

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n8pyn@yahoo.com



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	Little Bay Awards	Dale McGorman	K8RO
ARRL HF Awards Assistant	Vince Cuker	WA8BIJ	Meeting Refreshments	Debbie John	KC8WHN N8NXW
ARRL VHF/UHF Awards Manager	Allan Koch	KA8JJN	Membership Chairman TC email distribution	John Huber	N8FYL
Call Sign ID Tags	Gregg Crump	N8GEO	Net Points Manager	Tom Mathison	WU8C
Christmas Party	Cathy Chauvin	KC8WVK	Net Points Upgrade Awards	Clem Duval	W8VO
Club Apparel & Patches	Scott Hernalsteen	W8CQD	TC Postal Distribution	John Huber	N8FYL
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	Russ Price	N8HAR
Door Prizes—Buyer	Doug Chauvin	N8PYN	<i>Tuned Circuit</i> Editor	John Huber	N8FYL
Door Prizes—Tickets	Wayne Hearn	WG8U	Volunteer Exams	Gregg Crump	N8GEO
Echo Repeater Trustee	Marty Folz	K8HVI	Webpage (n8lc.org)	Doug Chauvin	N8PYN
Field Day	Gregg Crump	N8GEO	Webpage Assistant	Marty Folz	K8HVI
Health & Welfare			Youth Forum (50/50) [Alternate]	Ralph Irish John Slobodnik	W8ROI N8NXW
Licensing Classes	TBD				

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.

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

December 1, 2019 at our swap. 2020 dates TBD at the Tucker Senior Center.

Motor City 313-676-6284

USECA <http://usecaarc.com/test/>

1st 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/trainer/Examples/hct.html>



Upcoming Swaps

09/07/2019 | **CMARC Hamfest**

Location: Okemos, MI **Type:** ARRL Hamfest
Sponsor: Central Michigan Amateur Radio Club
Website: <http://centralmiarc.com>

[Learn More](#)

09/07/2019 | **GRARA Hamfest 2019**

Location: Wyoming, MI **Type:** ARRL Hamfest
Sponsor: Grand Rapids Amateur Radio Association
Website: <http://w8dc.org/file/club/2019GRAHamFestFlyer.pdf>

[Learn More](#)

09/08/2019 | **Findlay Hamfest**

Location: Findlay, OH **Type:** ARRL Hamfest
Sponsor: Findlay Radio Club
Website: <http://www.findlayradioclub.org>

[Learn More](#)

09/15/2019 | **Adrian Hamfest**

Location: Adrian, MI **Type:** ARRL Hamfest
Sponsor: Adrian Amateur Radio Club
Website: <http://w8tqe.com>

[Learn More](#)

09/21/2019 | **Fall Trunk Swap**

Location: Shelby Township, MI **Type:** ARRL Hamfest
Sponsor: GM Amateur Radio Club
Website: <http://WWW.GMARC.ORG>

[Learn More](#)

09/22/2019 | **Flying Beers International Fall Swap Meet**

Location: Ferndale, MI **Type:** ARRL Hamfest
Sponsor: Flying Beers International Radio Club
Website: <http://www.flyingbeers.org>

[Learn More](#)

10/20/2019 | **37th Annual Kalamazoo Hamfest & Amateur Radio Swap And Shop**

Location: Kalamazoo, MI **Type:** ARRL Hamfest
Sponsor: Kalamazoo Amateur Radio Club & Southwest MI Amateur Radio Team
Website: <http://KalamazooHamFest.com>

[Learn More](#)

10/27/2019 | **U.S.E.C.A. Hamfest 2019**

Location: Madison Heights, MI **Type:** ARRL Hamfest
Sponsor: Utica Shelby Emergency Communications Association
Website: <http://www.usecaarc.com>

[Learn More](#)

L'Anse Creuse Amateur Radio Club Nets

Day	Time		Band	Mode	Frequency	Net Control	Calendar
	UTC	EST					
Monday	0000	2000	15 M	CW	21.165 MHz	Clem, W8VO	Every Monday
Monday	0030	2030	15 M	USB	21.395 MHz	Wayne, WG8U	Every Monday
Monday	0100	2100	6 M	USB	50.160 MHz	Gregg, N8GEO	Every Monday
Tuesday	0000	2000	2 M	Packet	144.93 MHz	TBD	Every Tuesday (Connect to detqso)
Thursday	2330	1930	10 M	USB	28.435 MHz	Clem, W8VO	Every Thursday
						Clem, W8VO	1st Thursday
						Wayne, WG8U	2nd Thursday
Thursday	0030	2030	2 M	FM	147.08+ MHz	Gregg, N8GEO	3rd Thursday
						Mike, AC8ER	4th Thursday
						Fritz, KE8BFW	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.. 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)

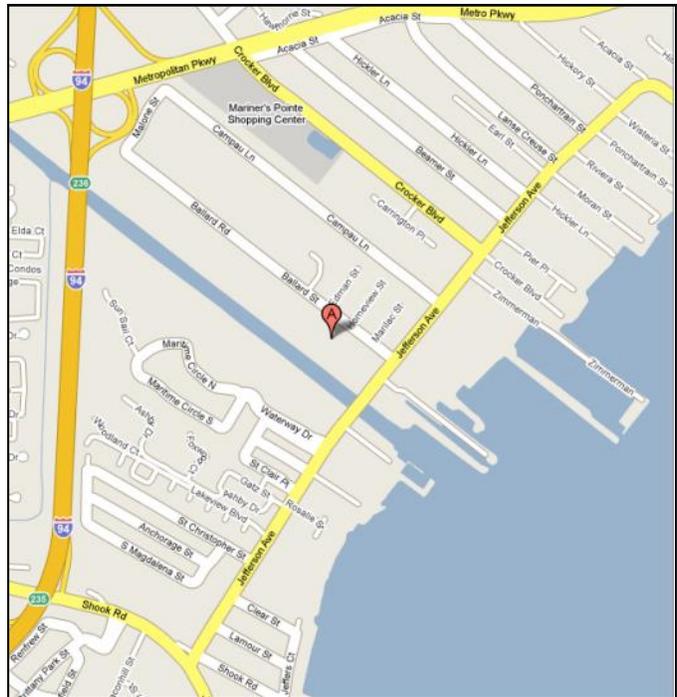
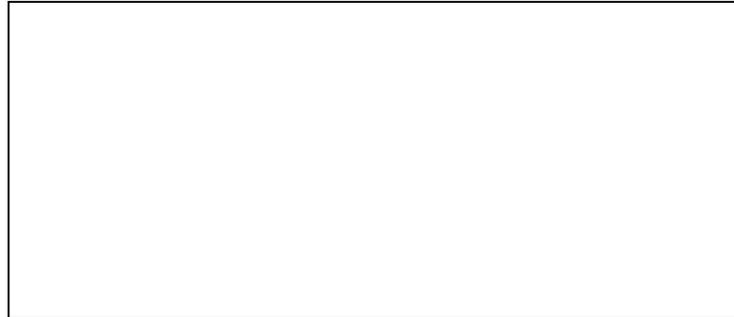
The Tuned Circuit

Monthly Bulletin of the
L'Anse Creuse Amateur Radio Club

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

E-mail: info@n8lc.org

First Class
Postage
+ Extra
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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.