

THE TUNED CIRCUIT

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

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**November TC
Deadline:
October 29th**

Next Meeting - 7:00 PM October
3rd 2018 at the Tucker Senior
Center (see [last page](#) for map and
address).

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

The NEXT board meeting will be
on Wednesday, November 14th,
2018.

OCTOBER 3RD MEETING PROGRAM

The October program will be a presentation
by Ike Cabase ([KE8ESS](#)) about the [Sterling Heights CERT organization](#)
- who they are, what they do, and what we can do to help.



MEETING time is 7:00 PM



L'Anse Creuse Amateur Radio Club

46th Annual Swap & Shop
SUNDAY, SUNDAY, SUNDAY!
DECEMBER 2, 2018

See the flyer [HERE](#)

N8HAR should have flyers available at the October meeting, or contact
him [directly](#) to get some flyers if you can't make the meeting.

Reminder!

2018/2019 LCARC club dues are due **NOW**

Bring your money and the Membership Request form on page 15
to the club meeting and give them to our Treasurer, N8GEO,

OR

mail your check as instructed on the Membership Request form.

Report of the Secretary

Submitted by Dave, N6WY

Meeting Called to Order:

The LCARC President (John, N8NXW) called the meeting to order around 7:00 PM.

Roll Call. I counted 22 members responding to roll call.

Minutes Approval.

Debbie, KC8WHN, made the motion to approve the minutes and Cathy, KC8WNK, provided the second.

Treasurer's Report by Gregg, N8GEO:

Total amount in the account is \$3348.47. The Youth Fund has \$8.74. The Repeater Fund has \$639.42.

Repeaters Status:

Internet.

The temporary internet connection is gone. We still do not have the connection to the fire station's high speed internet. The Wires-X is working. Dale, K8RO, is providing the internet for Wires-X.

Antenna Work.

Ken, KD8RJN, said that since all of the bids for antenna work at the repeater sites are over \$5,000, we should consider moving the repeater site to a location where new antennas can be installed at a lower cost. Dale, K8RO, said that the new site location must be within a 5 mile radius of the coordinated site location. At the present repeater site the VHF antenna height is 180 feet and the UHF antenna height is 100 feet.

Where's Doug: The Findlay Hamfest is the 9th of September. Doug is not attending.

QSL Manager Report by Dale, K8RO: Sent 1 QSL Card. No eQSL report this month.

Netpoints Award by Clem, W8VO					
Points	Callsign	Name	Points	Callsign	Name
6700	WA8BIJ	Vince	6100	WG8U	Wayne
4650	WU8C	Tom	3050	W8VO	Clem
1500	N8GEO	Gregg	1050	W8ROI	Ralph
800	N8PYN	Doug	400	N8HUL	Dave

Membership Chairman and Tuned Circuit Editor Report by John, N8FYL:

LCARC has 66 members, and 24 September is the deadline for the next *Tuned Circuit* newsletter.

Swap Chairman Report by Russ, N8HAR:

The LCARC swap is on 2 December 2018. Russ, N8HAR, Gregg, N8GEO, and Cliff, AB8XQ, are working to have a VEC for license exams. Ken, KD8RJN, asked about updating the spread sheet for the swap mailing list. Ken said he could help Russ with the work to update the swap mailing list.

Christmas Party Chairman Report by Keith, W8KD:

Keith gave us an early reminder about the annual LCARC Christmas Party that will be again at SaJo's located at 36470 on Moravian Drive just west of Garfield Rd. Christmas Party tickets will be available at the next meeting. Ken, KD8RJN, encouraged Keith to repeat the special sale price for two or more

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tickets that was available last year (see the general meeting minutes in 2017 November's Tuned Circuit for details about the special sale).

Old Business:

Fox Hunt: The annual Fox Hunt took place after the June meeting. The fox was found.

Field Day.

Cathy, KC8WNL, said that this year's Field Day was the best. There was some discussion about grass and using helium balloons to support the 160 meter wire vertical.

Great Lakes HamCon.

GL HamCon is cancelled. Ken, KD8RJR, received a refund for his advanced ticket purchase.

Dayton Convention.

Gregg, N8GEO, said that the Dayton Holiday Inn has agreed to hold 20 rooms for LCARC members that are attending the Hamvention. Gregg requested 15 rooms with 2 queens and 5 rooms with single king. The room rate for LCARC members is \$159.00 per night.

Board Meeting.

John, N8NXW, announced the next board meeting is 12 September. The official start is 7:00 PM to eat and 7:30 PM for business. Meeting location is Roseann's (15 Mile and Gratiot).

New Business:

Membership Dues: Gregg, N8GEO, announced membership dues are payable next month. Several members renewed their membership during this meeting.

Radio Operator Volunteers needed for Tour de Cure: John, N8NXW, received a request from the American Diabetes Association of Detroit for radio operators to support the Michigan Tour de Cure. The 2018 Tour de Cure is on Sunday September 30 at 06:30 am to 01:30 pm. The location is Comerica Park, 2100 Woodward Avenue, Detroit. John said that he would get more details about the tasks for radio operator volunteer and post the information on the web.

John, N8NXW, is working with the college dean to have an LCARC tech night at Macomb Community College.

Door Prize Winners					
Name	Prize	Name	Prize	Name	Prize
Ralph, W8ROI	Watt meter	Dough, N8PYN	Ammo case	Scott, W8CQD	Test leads
Bob, K8VSI	Screw driver set				

50/50 Winner	Larry, KE8LEB	\$15.50
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Other Discussion:

Doug, N8PYN, announced that he is now retired!

Dale, K8RO, said that he has a FREE ink jet printer for anyone that wants it.

John, N8NXW, suggested that since there was no pre-meeting picnic, we should go to the Engine House after the meeting in lieu of the picnic.

Adjournment:

John, N8NXW, asked for a motion to adjourn. Dale, K8RO, made the motion and meeting adjourned at 8:05 PM. The program "Future of Amateur Radio" started immediately after adjournment. The program focused on future radio designs and operations.

Board Meeting Minutes

Submitted by Dave, N6WY

Meeting Called to Order:

The LCARC Board Meeting was called to order around 7:40 PM, September 12, 2018, by the club's president John, N8NXW. Present at the Board Meeting were:

President, John, N8NXW	Secretary, Dave, N6WY	Cathy, KC8WNL
VP and President-Elect, Ken, KD8RJN	Past President, Debbie, KC8WHN	Jenny Vandecar
Treasurer, Gregg, N8GEO	Technical Officer, Doug, N8PYN	

Discussion Topics:

Radio Support American Diabetes Association Event.

John, N8NXW, reported on his efforts to determine the need for radio operators that were requested by the American Diabetes Association. He received no response from the American Diabetes Association representative. The need for radio support at the American Diabetes Association event is the end of September. This is a very short notice for a response from any radio club. Ken, KD8RJN, said that he can post the contact information for the American Diabetes Association on the LCARC web reflector and ask John, N8FYL to email all members. Any LCARC member that wants to volunteer for the event can contact the American Diabetes Association representative directly.

Macomb Community College (MCC).

The Tech Night at MCC is in limbo. MCC may renovate the lab that is used for Tech Night. In the past, John, N8NXW, was able to have access for the club Tech Night because he was doing work for MCC and he was present during Tech Night. John is talking to the full time instructor in charge of the lab about having Tech Night this year. The full time instructor must get permission from the Dean. A lot of discussion about LCARC working more closely with MCC. A close affiliation with MCC would open up the possibilities for moving the repeater to MCC, using an MCC classroom for meetings, and also have hands on activities like a build session of some radio kit. MCC has a formality that must be followed. For MCC and LCARC to be affili-

ated, MCC wants financial details and activity information about LCARC. LCARC cannot provide all the information required by MCC.

If MCC renovates the lab area used for Tech Night, MCC may need to donate equipment. The LCARC agreed to take any equipment that MCC wants to donate to a radio club.

Field Day at Addison Oaks.

John, N8NXW, wants to install a permanent ground rod at the Field Day site. John has an electric jack hammer that can be used for pounding a standard 8 foot ground rod in the ground.

Cathy, KC8WNL, and Gregg, N8GEO, asked about the value of having Field Day at Addison Oaks. About 10 members spend the night and about 16 members are around during the day. The cost for the Field Day site at Addison Oaks is \$500.00. Maybe we should consider another park. For any park, maybe the club and the trailer campers could split the cost.

LCARC Swap.

Mark, N8REZ, agreed to run the kitchen. Cathy, KC8WNL, will help. Ken, KD8RJN, is doing early ticket selling and he needs early coffee from the kitchen.

Christmas Party.

Christmas Party Tickets will be available for sale at the next general meeting. Cathy, KC8WNL, will do the cake.

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Cathy wants a 50/50 drawing instead of a radio door prize. All members of the board agreed on the 50/50 drawing.

Winter Field Day at Tucker Center.

Do a full Winter Field Day at Tucker Center? Gregg, N8GEO, will ask about using the Tucker Center for Winter Field Day from the Saturday afternoon thru Sunday afternoon.

The food at Winter Field Day will again be potluck and bring your own.

VE Testing at LCARC Swap.

If no one is available, Gregg, N8GEO, agreed to be the VE coordinator and will do the VE testing.

Gregg wants someone to mentor him. Deb, KC8WHN, will help but she needs some refresher training on testing procedures.

New Repeater Relocation.

Ken, N8NXW, is still looking for a new repeater location. Ken has a barn near 31 mile and Gratiot. This location can be a repeater receive site.

Repeater Status.

Doug, N8PYN, said that Marty, K8HVI, is trying to contact the city for permission to connect to the City's high speed internet.

The electrical breaker box needs a circuit breaker replaced.

Doug is trying to be ready for the 13 October emergency packet test. Doug has all of the equipment but needs to configure the Raspberry Pi.

Hamvention.

Gregg, N8GEO, suggested taking the 10 by 20 feet Field Day tent to the Hamvention for club use.

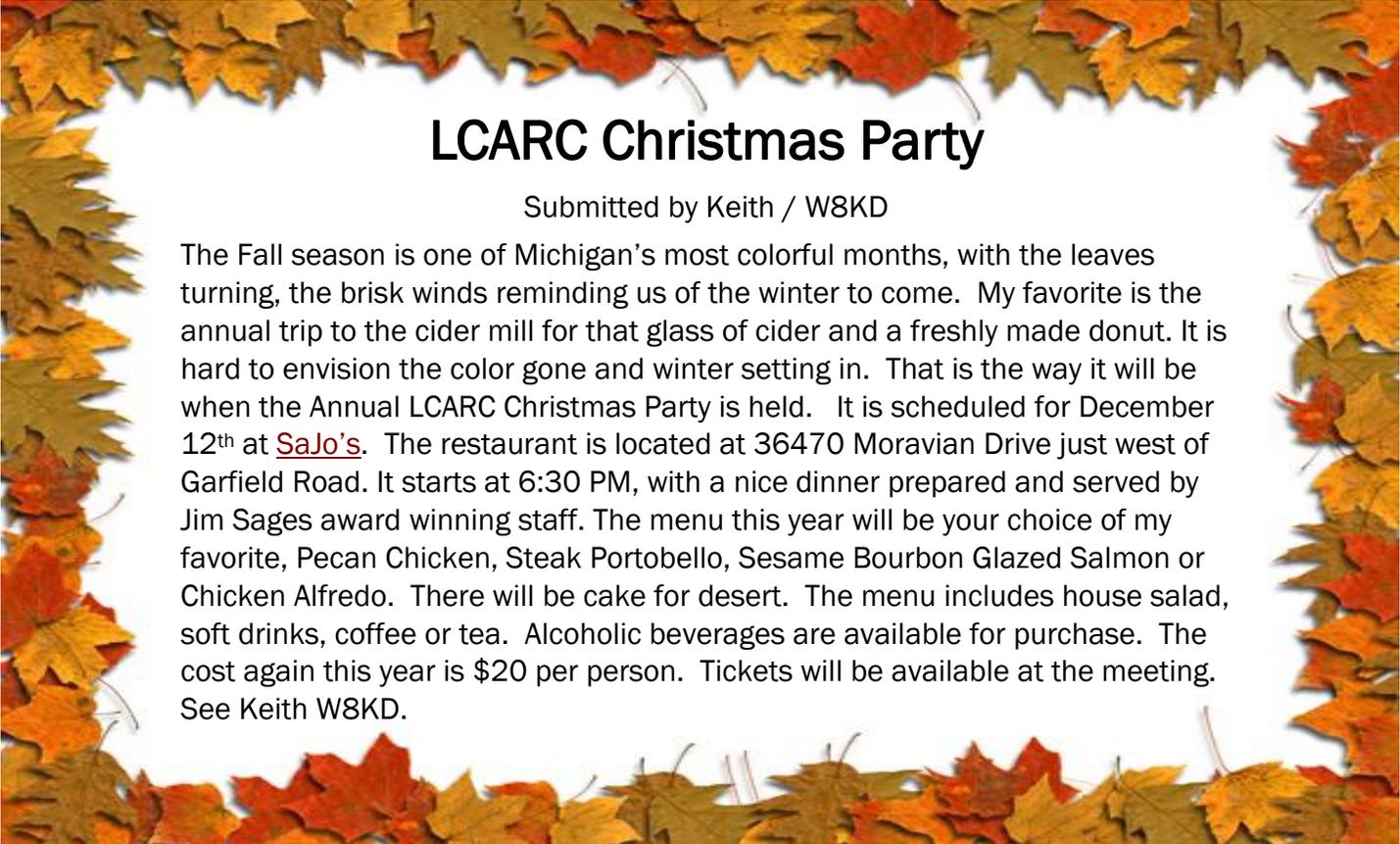
Cathy, KC8WNL, made the motion to use the tent and Doug, N8PYN, second. The board approved.

Next Meetings.

The next general meeting is 3 October and the next board meeting is 14 November.

Meeting Adjourned.

John, N8NXW, adjourned the meeting at 8:35 PM.



LCARC Christmas Party

Submitted by Keith / W8KD

The Fall season is one of Michigan's most colorful months, with the leaves turning, the brisk winds reminding us of the winter to come. My favorite is the annual trip to the cider mill for that glass of cider and a freshly made donut. It is hard to envision the color gone and winter setting in. That is the way it will be when the Annual LCARC Christmas Party is held. It is scheduled for December 12th at [SaJo's](#). The restaurant is located at 36470 Moravian Drive just west of Garfield Road. It starts at 6:30 PM, with a nice dinner prepared and served by Jim Sages award winning staff. The menu this year will be your choice of my favorite, Pecan Chicken, Steak Portobello, Sesame Bourbon Glazed Salmon or Chicken Alfredo. There will be cake for desert. The menu includes house salad, soft drinks, coffee or tea. Alcoholic beverages are available for purchase. The cost again this year is \$20 per person. Tickets will be available at the meeting. See Keith W8KD.

3D Printed Parts for Ham Radio

By Dan Romanchik, KB6NU cwgeek@kb6nu.com

One of the things that I keep telling myself that I need to learn how to do is 3D printing. This morning, I ran across a couple more 3D printing projects for ham radio that I thought I'd pass along.

The first I found on reddit: 3D Printed Parts for Portable Tape Measure Yagi Designs (https://www.reddit.com/r/amateurradio/comments/963br3/3_printed_parts_for_portable_tape_measure_yagi/). The summary on Thingiverse (<https://www.thingiverse.com/thing:3042505>), which is a website where "makers" share their designs, says:



These parts are made for use with 1-in. PVC pipe and 1-in. Harbor Freight tape measure steel. You can use electrical tape to attach the element holders to the side of the pipe, and use the driven element bridge to give structural rigidity across the driven dipole element. I have used this with up to 5 elements on 2m with good success. When not using the antenna, just pinch the elements to remove them from the holders, and store them INSIDE the tube! you can add some end caps to make this ultra portable. Use these parts with any of the multitude of tape measure YAGI design guides online.

Here's a look at an antenna made with these parts:



The element holders are attached to the boom with electrical tape in the photo above. While I haven't tried it, I'd suggest that the antenna might be a bit more robust if you could screw or perhaps glue the holders to the boom.

There are lots of other cool amateur radio 3D printing projects available on Thingiverse (<https://www.thingiverse.com/search?q=ham+radio&dwh=415b6d8da129c3c>). Browsing through the list quickly, here are just two that look like they might be useful to me:

- Soldering Fingers (<https://www.thingiverse.com/thing:1725308>). This project looks simple and quick.
- μ Bitx Case (<https://www.thingiverse.com/thing:2925336>). I still gotta do something with the μ Bitx I bought. This looks like it might get me started.

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Finally getting in gear

Last week, I attended a 3D printing class at our local maker space, All Hands Active (allhandsactive.org), and now I feel like I can finally attempt a 3D printing project. I'm thinking about starting out with the simple Soldering Fingers project. If that goes well, I'll try a Raspberry Pic case and finally start using that in the shack. And, while these projects all seem pretty cool, I feel like I'm only scratching the surface.

Have any of you 3D printed anything cool for your ham radio projects? Is there another source of designs for ham radio 3D printed stuff besides Thingiverse?

When he's not 3D printing enclosures for his ham radio projects, Dan blogs about amateur radio, writes exam study guides (www.kb6nu.com/study-guides), and operates CW on the HF bands. Look for him on 30m, 40m, and 80m. You can email him about your experiences with 3D printing at cwgeek@kb6nu.com

Membership Report

As you can see in the blurb on [page 1](#), dues are now due for the 2018-2019 club year. (Our dues year begins November 1st) As of today I have received 9 renewals. This keeps us at 66 members: 57 regular members (2 of whom are enjoying the last months of their "first year free" experience), and 9 life members.

Please remember, submit your dues and membership form to our Treasurer Gregg/ N8GEO so the money goes into the club accounts PDQ. Gregg then gets the forms to me for the membership database.

John / N8FYL — 9/26/18



Hi John, I'm kinda proud of my new computer I got today. Wide screen. I figured you'd want to for sure put it in the newsletter. No charge.

73 Mike Evosevich
ARS AC8ER



I need a fuse, probably a 100 watter, for my new invention—"The QRN Zapper". I can work out a trade for some stock in my 'Zapper' and get those interested in at the ground level of a sure fire goldmine.

73 [Mike Evosevich](#)
ARS AC8ER





It is with the saddest heart that I must pass on the following news:

Please join me in remembering a great icon of the entertainment community.

The Pillsbury Doughboy died yesterday of a yeast infection and complications from repeated pokes in the belly.

He was 71.

Doughboy was buried in a lightly greased coffin.

Dozens of celebrities turned out to pay their respects, including Mrs. Butterworth, Hungry Jack, the California Raisins, Betty Crocker, the Hostess Twinkies and Captain Crunch.

The grave site was piled high with flours.

Aunt Jemima delivered the eulogy and lovingly de-

scribed Doughboy as a man who never knew how much he was kneaded.

Doughboy rose quickly in show business, but his later life was filled with turnovers. He was not considered a very smart cookie, wasting much of his dough on half-baked schemes.

Despite being a little flaky at times, he still, as a crusty old man, was considered a roll model for millions.

Doughboy is survived by his wife, Play Dough; two children John Dough and Jane Dough; plus they had one in the oven.

He is also survived by his elderly father Pop Tart.

The funeral was held at 3:50 for about 20 minutes.

[Seen on Facebook and [Funny Biz](#)]

Friday Breakfast Sets New Attendance Record!

Faithful Friday Ham Breakfast at [Liz's Ham Café](#) attendee Ralph, W8ROI, was present on September 21st, 2018, to report on and document this auspicious occasion. For proof he had the ever pleasant and helpful waitress, Hope, take this group photograph. Ralph reports that to celebrate this new record, everyone at the "hams" table got a free breakfast!

Of course by now you have figured out that this is the "low" attendance record. It seems that several of the regulars were off camping at Algonac State Park, and the rest just stayed home to help set the record. <smirk>



WINTER FIELD DAY 2019

Submitted by Gregg / N8GEO



It's time to start honing up your skills for [Winter Field Day](#). Last year LCARC participated in the Winter Field Day event. We had a great time despite a few restrictions. 1. We started preparing for WFD way too late, about 3 weeks prior to the event. 2. We only operated from 2 PM until 8 PM on Saturday. It is a 24 hour event!

Here are our results (I only filtered on Michigan stations)

Callsign	Section	PH	CW	DI	Mults	Pwr X	Bonus	Claimed Score	Calculated Score	Class
K8UO	MI	464	179	95	11	2	6000	26764	26112	8I
KG9Y	MI	149	18	14	10	2	3000	7260	6535	2I
AB8I	MI	140	0	13	4	2	3000	4328	4159	1I
W8OTC	MI	321	0	0	3	1	3000	3963	3907	3I
N8LC	MI	129	20	3	7	2	1500	3950	3787	3I
KE8AXI	MI	54	0	40	5	2	1500	2840	2765	2I
N8SE	MI	40	0	0	3	2	1500	1740	1719	3I
W8DC	MI	205	0	0	3	2	0	1230	1152	1I

In all honesty we performed pretty well considering the two restrictions we had.

To combat those restrictions:

1. We have about 4 months to start preparing for this event (we have started with this article).
2. Last year we could only work 6-7 hours due to the short window that we gave the township for permission to stay the full 24 hours. I went to the Township hall this past week and talked with them and presented our needs. It looks pretty good that we will be able to use the hall from 9 AM on Saturday until 5 PM on Sunday. That should give us about 4-5 hours to get set up, operate for 24 hours and 3 hours or so to tear down. We only need to get one more stamp of approval and then we are good to go.

With our two major restrictions gone all we need now is stations and folks to operate them. Heck, this is way easier than actual field day. No campers or tents to set up; we have heat, running water and flush toilets; and a kitchen to cook in. It could not get any better. LOL So start thinking about what you want to do for Winter field day and how you can have some fun, even if it's just a few hours at the Tucker Senior Center (same place as our meetings) to just hang out and visit or operate a station.

Here are the particulars:

2019 Winter Field Day Link: www.winterfieldday.com

Tucker Senior Center, Harrison Township, MI

January 26, 2019, 9 AM Saturday -> January 27, 2019, 5 PM Sunday. (Contest time is from 2 PM Saturday until 2 PM Sunday)

There will be more to come within the next month plus discussion at our October club meeting. So think about it, what better way can you spend a cold blustery day in the middle of winter than at field day?

73

Gregg / N8GEO



U.S.E.C.A. Hamfest 2018

Sunday, October 28, 2018

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

LCARC Amateur Radio License Testing 2019

Submitted by Gregg / N8GEO

Hey everyone, its time to give back to the hobby and help it to grow. LCARC has provided FCC VE (Volunteer Examiner) license testing at our swap for years, and a few years back we scheduled 3 testing sessions per year at the Tucker Senior Center. This past year was a bit bumpy keeping that schedule due to many reasons. To help us get back on track I have secured three dates at the Tucker Senior Center for 2019.

- Monday February 18th
- Monday May 20th
- Monday August 19

Now all we need to do is get a few VE volunteers and a VE Team Liaison for each testing session and we are good to go. I've been interested in being a VE Team Liaison for a while so I'm looking into what it takes to be one. If there are any other club members that are interested in this position or if you already are Liaison, PLEASE get with me soon. We need to get this position filled prior to our swap in December. I would also like to know if anyone in the club has an active ARRL or W5YI accreditation and would like to volunteer for testing at all, or any, of these sessions. Please email me at N8GEO.ham@gmail.com or see me at the club meeting in October.

I'm hoping that we have a few folks in the club that are willing to take the time to volunteer to get this important function going again.

73

Gregg

N8GEO



<http://www.arrl.org/volunteer-examiners>

<http://www.w5yi-vec.org/>



Future Programs & Activities

Scott Hernalsteen, W8CQD — Activities Manager

- | | |
|----------------------------------|--|
| October 3, 2018 | Regular meeting — presentation by Ike Cabase (KE8ESS) about the Sterling Heights CERT organization |
| October 6&7, 2018 | CANCELED!!! Great Lakes HamCon at Michigan International Speedway |
| November 7, 2018 | Regular Meeting—nominations for officers open tonight! |
| December 2, 2018 | L'Anse Creuse Swap |
| December 5, 2018 | Regular Meeting— Swap review and Annual elections |
| December 12, 2018 | Annual club Christmas Party / Dinner |
| January 2, 2019 | Regular Meeting |

L'Anse Creuse ARC Board Members – 2018

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	Vince Cuker	WA8BIJ
Code Proficiency Awards	Vince Cuker	WA8BIJ	Outgoing QSL Manager	Dale McGorman	K8RO
Dayton Trip	Gregg Crump	N8GEO	QSL Cards	Dale McGorman	K8RO
Door Prizes—Buyer	Doug Chauvin	N8PYN	Swap Chairman	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	Cliff Ibbs	AB8XQ
Field Day			Webpage (n8lc.org)	Doug Chauvin	N8PYN
Health & Welfare			Webpage Assistant	Marty Folz	K8HVI
			Youth Forum (50/50) [Alternate]	Ralph Irish John Slobodnik	W8ROI 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

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

December 2, 2018 at our swap and February 18 (Monday), May 20 (Monday), and August 19(Monday), 2019 at the Tucker Senior Center.

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

10/21/2018 | 36th Annual Kalamazoo Hamfest & Amateur Radio Show

Location: Kalamazoo, MI

Type: ARRL Hamfest

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

Website: <http://kalamazoohamfest.org>

[Learn More](#)

10/28/2018 | USECA Hamfest & Swap

Location: Madison Heights, MI

Type: ARRL Hamfest

Sponsor: Utica-Shelby Emergency Communication Association

Website: <http://usecaarc.com>

[Learn More](#)

11/17/2018 | Central Division Convention (Fort Wayne Hamfest & Computer Expo)

Location: Fort Wayne, IN

Type: ARRL Convention

Sponsor: Allen County Amateur Radio Technical Society

Website: <http://www.fortwaynehamfest.com>

[Learn More](#)

12/02/2018 | 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](#)

01/27/2019 | Hazel Park ARC's 53rd Annual Swap and Shop

Location: Madison Heights, MI

Type: ARRL Hamfest

Sponsor: Hazel Park Amateur Radio Club

Website: <http://hparc.org>

[Learn More](#)

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](#)

L'Anse Creuse Amateur Radio Club Nets

Day	Time		Band	Mode	Frequency	Net Control	Calendar
	UTC	EDT					
Monday	2330	1930	15 M	CW	21.165 MHz	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
						TBD	4th Thursday
						TBD	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

L'Anse Creuse Amateur Radio Club

P.O. Box 180072

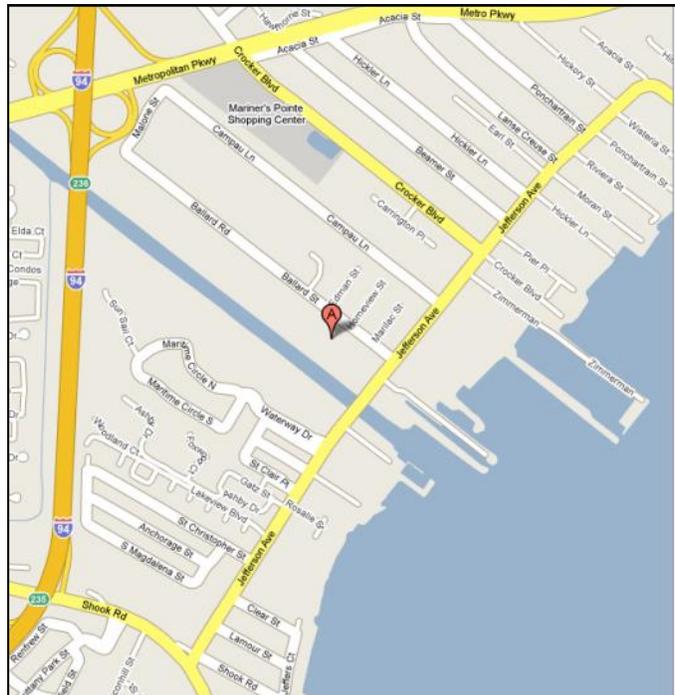
Utica, MI 48318

LCARC Web Site

<http://www.n8lc.org>

E-mail: info@n8lc.org

First
Class
Postage



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.