

THE TUNED CIRCUIT

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

INSIDE THIS ISSUE:
[Click the link to jump to the item]

[December Meeting Program](#)

[The Secretary's Report](#)

[Membership Report](#)

[Future Programs](#)

[Upcoming Swaps](#)

[Club Nets](#)

**January TC
Deadline:
Monday
December 30th**

THE PREZ SEZ

I just remembered, this is my last Prez Says. The year sure went by fast and my time as president elect and president was enjoyable. Scott will be taking over and I am sure he will do a better job and bring additional new ideas.

I would like to say thanks to all the board members and volunteers that have given their time to help the club move forward and grow. A great group of people.

I hope to get a few projects finished in the next month, like the insulation and temp controllers at the repeater site and spend some time on the air. I am sure with the holidays some of my projects will slip into January.

I look forward to seeing many of you at the Christmas Party and hope you all get great ham radio items for Christmas.

73
Ken - KD8RJN

Next Meeting - 7:00 PM
December 4th 2019 at the Tucker Senior Center (see [last page](#) for map and address).

Meeting Program - The program for our December meeting will be as reported on [page 5!](#)

The NEXT board meeting will be on Wednesday, Jan 15th, 2020.

L'Anse Creuse Amateur Radio Club

47th Annual Swap & Shop

SUNDAY, SUNDAY, SUNDAY!

DECEMBER 1, 2019

Vendor Setup Saturday 6 -> 10 PM

Sunday 6:30 AM

Report of the Secretary

Submitted by Dave, N6WY

Meeting Called to Order:

The LCARC President (Ken, KD8RJN) called the 06 November 2019 LCARC general meeting to order at 7:00 PM.

Visitors. Andy, KE8IIQ, announced that he was a visitor and later during the meeting he became a LCARC member. Ken, N8KC, was also recognized as a visitor.

Roll Call. A total of 28 people responded to roll call.

Meeting Minutes Approval. The previous meeting minutes as published in *The Tuned Circuit* newsletter were approved after a motion made by Mike, N5WCS, and seconded by Keith, W8KD.

Treasurer's Report by Gregg, N8GEO:

Total amount in the account is \$5556.87

The Youth Fund has \$330.00.

The Repeater Fund has \$569.82.

Available \$4657.05.

Greg sold 9 radio raffle tickets at the USECA swap.

Where's Doug:

The LCARC swap! It is this year's big event in our local area.

Repeater Status:

Repeater Shack Insulation. Ken, KD8RJN, measured the repeater shack for insulation and he has the insulation panels for the shack.

Repeater Shack Heater Control. Ken, KD8RJN, purchased a line voltage thermostat for \$8.00. Ken said that two of these thermostats can be use for the shack heaters and should reduce the electric bill for the winter months.

Repeater Shack Roof. Marty, K8HVI, reported that the repeater shack roof has a leak and he knows the location of the leak. Marty and other members will fix the roof leak. [See page x] Marty has temporarily placed his dehumidifier inside the shack. The shack's electric bill may be a little higher this month.

Diesel Generator. Santa (Dan), KR1NGL, is a licensed diesel mechanic. He will inspect the generator and determine what maintenance is required.

Repeater Location. Ken, KD8RJN, is checking other locations for a repeater.

Mi6WAN. Ken, KD8RJN, could not contact the Mi6WAN representative for a presentation this month.

Net Points Report from Clem, W8VO:

Name	Points	Name	Points	Name	Points
Tom WU8C	4801	Clem W8VO	3270	Mike AC8ER	907
Bob KB8QYJ	453	N6WY Dave	100		

(Continued on page 3)

(Continued from page 2)

QSL Report by Dale, K8RO:

Dale processed 8 eQSLs this month.

Membership and Tuned Circuit Report by John, N8FYL:

Four members renewed their membership tonight. Most members have already renewed. John has a list of 17 members that he is expecting to renew.

The next *Tuned Circuit* deadline is 25 November. This date is the Monday before Thanksgiving.

Old Business:

Tucker Senior Center. Gregg, N8GEO, has obtained the use of the Tucker Senior Center for the January general meeting on 8 January, the **second** Wednesday in January. He also reserved the Tucker Senior Center for Winter Field Day (WFD) and VE testing.

Christmas Party. Cathy, KC8WNL, reported that the Penne Lane restaurant is all set for the LCARC Christmas Party. We do not have access to the Penne Lane party room before 6:30 PM. There is a bar area where early arrivals can wait. Members can pay for the party anytime starting with tonight and including arrival at the party.

Monthly Night Out. There is no monthly night out dinner party in November and December.

January White Elephant. The incoming 2020 president (Scott, W8CQD) is in charge of the rules for the white elephant exchange. No rule changes are expected for the next white elephant exchange. Scott will also remain the program chairman for 2020.

Youth Forum. LCARC is still receiving thanks for the LCARC support of the Youth Forum.

Appreciation Plaque. Vince, WA8BIJ, received the plaque that Ken, KD8RJN, sent. The plaque expressed the LCARC appreciation of a cash donation from Vince for LCARC to purchase and donate an ARRL Library Book Set to a local library. Vince said in a note to Ken that he wished he could participate in LCARC activities. He will continue to keep in touch by checking into the LCARC 2 meter FM net.

Board Meeting. The month of November has a board meeting at 7:00 PM Wednesday 13 November. The board meeting location is at Roseann's Kitchen.

Swap Report. The LCARC swap chairman (Russ, N8HAR) said that table sales are down when compared to this time last year. Russ is going to try advertising the swap on Craigslist and Facebook's Marketplace. Russ will obtain the insurance papers required by the hall. This year, the hall has no access before 6:00 PM on Saturday. Chris, K8NVH, volunteered to make a power point presentation of LCARC activities that can be shown on the wall during the swap. John, N8FYL, will get the picture files for the presentation to Chris.

New Business:

Email Group (reflector). Dale, K8RO, has moved all members that were in the LCARC Yahoo Group to Groups.io. This move is transparent to all members that send and receive information on the LCARC reflector. Anyone that wants to join the LCARC reflector needs to contact Dale. Again, if you were already part of the LCARC reflector, you do not need to do anything.

Election for New Board Members. December is the month to elect new LCARC board members. A vice president and secretary need to be nominated and elected. Scott, W8CQD, (currently vice president and president-elect) is the 2020 president and Gregg, N8GEO, has agreed to continue serving as the 2020 treasurer. Nominations are required for secretary and vice president.

Macomb Community College (MCC) Radio Equipment. Ken, KD8RJN, has all the MCC equipment in his heated barn in Richmond. Club members need to sort and mark the equipment for sale at the LCARC swap. Ken is using the LCARC reflector to coordinate the dates and times for club members to meet at

(Continued on page 4)

(Continued from page 3)

his barn. More than one date is available. Several members have said that they can meet at Ken's barn after the Rochester Hills breakfast gathering on Wednesday 20 November.

Drawings:

Door Prizes.

Winner	Prize	Winner	Prize
Dennis, KE8FZX	Multimeter	Santa, KR1NGL	Club logo coaster
Lito, K8AJJ	USB battery pack	Scott, W8CQD	USB flashlight

50/50.

Dan/Santa, KR1NGL, won \$21.00

Meeting Adjourned:

Mike, N5WCS, made the motion to adjourn and Marty, K8HVI, seconded it. Meeting adjourned at 8:05 PM.

Program:

The Program Chairman (Scott, W8CQD) showed an RCA 1944 documentary depicting radio communications during World War II and the importance of amateur radio communication during World War II.



LCARC Christmas Party



Information supplied by Cathy / KC8WNK

It's almost time for the club Christmas party! Wednesday, December 11th at 6:30 PM will be here before you know it. We will be dining at [Penne Lane, 44905 Morley Dr.](#) Clinton Township 48036. [South side of M-59, between Groesbeck and Gratiot]

It may not be too late to make a reservation. Contact Cathy/KC8WNK if you would like to attend. You may be able to RSVP as "pay at the door". The price per meal remains the same as last year at \$20.00. A cash bar will be available.

New members: This social activity is for you and your better half.

Please save the date and join us.

Cathy can be reached by phone 586-216-8142 or e-mail at catwink@ameritech.net.



DECEMBER 4TH MEETING PROGRAM

The December program will be a the exciting 2020 officer elections, and I'm sure a report about the 2019 LC Swap.



MEETING time is 7:00 PM



Membership Report

We welcome our newest member, Andrew / KE8IIQ. He increases the member count to 75, of which 9 are Life members. Of the 66 regular members 4 are enjoying the first year free experience. 50 of those 66 regular members have renewed for the 2019/2020 year, which works out to 75%.

John / N8FYL – 11/23/2019



Reminder! (to those who haven't already renewed)

2019/2020 LCARC club dues are due NOW

You can use either the pre-filled Membership Renewal form that was emailed to you
OR a Membership request form on page 15.

Bring the form and your money to the club meeting and give them to our Treasurer Gregg, N8GEO,
OR mail your form and check as instructed on the form.

Board Meeting Minutes

Submitted by Dave, N6WY

Meeting Called to Order:

The LCARC Board Meeting was called to order around 7:00 PM on Wednesday 13 October 2019 by the LCARC President.

Attendees:

President, Ken -- KD8RJN	Treasurer, Gregg -- N8GEO	Secretary, Dave -- N6WY
Vice President, Scott -- W8CQD	Robin (Gregg's wife)	

The following is a brief summary of the discussion topics:

(Continued on page 6)

(Continued from page 5)

Christmas Party. Robin said that the Christmas Party arrangements have all been made. Currently, 19 people have committed to attend the Christmas party. More people will commit to attend at a later date. The total expected attendance is 25 to 30.

Repeater Shack. Ken, KD8RJN, will install the insulation. Marty, K8HVI will repair the roof. Santa, KR1NGL, did inspect the generator. Santa will do some research to determine the amount of work required to have reliable backup power at the repeater shack.

Visits to the Repeater Shack. Visits to the repeater shack have been infrequent this year because the new repeaters have been very reliable.

Repeater Controller. Gregg, N8GEO, said that a new repeater controller would be a nice addition. Some research is needed to determine the requirements and cost for a controller.

Macomb Community College (MCC) Radio Equipment. Ken has several members that will help with the sorting and pricing the MCC equipment at his barn in Richmond.

Youth Fund. Ralph, W8ROI, is doing a good job at building up the Youth Fund this year.

Swap Preparations. Russ, N8HAR, has the seed money, ticket drum, insurance papers, and cash pockets for the swap. Gregg, N8GEO, is going to get with Marty, K8HVI, to determine if Marty has any needs for the kitchen.

Winter Field Day (WFD). The 25th and 26th of January is WFD. Gregg, N8GEO, has reserved the Tucker Senior Center for those days. Ken, KD8RJN, will provide a generator for power.

WINTER FIELD DAY 2020 Reminder!

The news about January's Winter Field Day event is that we are again definitely good to go for operating this event at the Tucker Senior Center.

Here are the particulars:

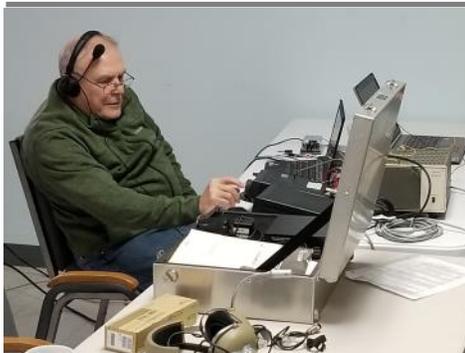
- Location: Tucker Senior Center, Harrison Township
- Event: Winter Field Day
- When: Saturday January 25 2020, 9 AM -> Sunday the 26, 2020, 5 PM.
(Contest is from 1900 UTC Saturday until 1900 UTC Sunday.

That's 2:00 PM Saturday until 2:00 PM Sunday here in the Eastern Time zone).

Winter Field Day Link: www.winterfieldday.com

Come out and operate for 30 minutes or stay all day. Enjoy the friendship, drink some coffee and bring a pot luck to share. It's looking to be a great time. Keep the weekend open (LOL what else do you have to do in the middle of the winter) and come on out and play and visit for a bit. Hey we have flush toilets and heat (what a deal).

See you there. 73. Gregg N8GEO



2019 Winter Field Day.

On the left is Dale/K8RO, tuning for signals.

On the right, Mark/N8REZ studies the screen to see who is on the air.



Early Christmas

Submitted by Ken / KD8RJN

A group of guys showed up at my barn this morning [23 Nov 2019]. They came over to help sort and price all the items we received from Macomb Community College. They came to work but started by doing some early shopping! It was like an early Christmas.

I should have told them “No Sales until 8:00 AM Sunday”, but when you have club members helping the club, it is hard to say no.

We had a massive amount of stuff. With good help and a process, we sorted, looked up prices, labeled the items with a price, and boxed them up for transportation to the swap, all in about 3 hours. Great team work.

Some early sales were made and we are already helping the treasury. This is a total win for the club and I look forward to the final total when the swap is over.

I would like to thank a lot of people, and I hope I do not miss any, for the help getting things ready for the swap.

We need to thank John - N8NXW for working with the college to obtain the items for the club.

I would like to thank Gregg - N8GEO for helping move the items from the college.

Doug - N8PYN	Dale - K8RO	Mike - N5WCS	Dennis - KE8FZX
Fritz - KE8BFW	Russ - N8HAR	Lito - K8AJJ	And Scott - W8CQD who was there in spirit.

The following guys showed up on Wednesday or Saturday to process the items for the swap:

Thanks to all of you.

Ken - KD8RJN



The 2019 ARRL Field Day results have been published in QST and on the [ARRL web site](#). Our N8LC score of 3220 was accepted as submitted. By my count, we are number 68 in class 2A. There were 358 entries in 2A, so that puts us in the top 19%. The number one 2A station was W1NVT. It sure would be interesting to lean how they managed to get 14,876 points with two stations + GOTA. I don't know what it means, but our USECA neighbors at K8UO (7A 5682) had 3.5 times the number of stations, but only 1.76 times more score. Maybe N8LC was a more efficient operation? HiHi

John / N8FYL



There is still no information on [www.miqp.org](#) about the 2019 results. They have, at least, updated the site with the date for the 2020 event. Block out some time on April 19 and 20, 2020 to participate in the Michigan QSO Party. Operate with the club at the Tucker Senior Center, or from your home station, or go portable to a rare county. Have fun no matter what you choose to do.

Repeater Shack Roof Status

Photos & Text by Marty/K8HVI and John/N8FYL

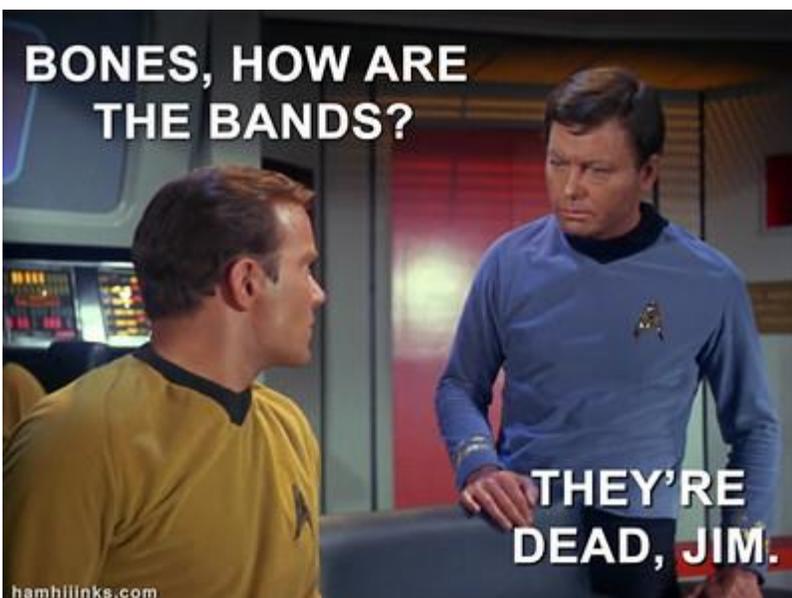
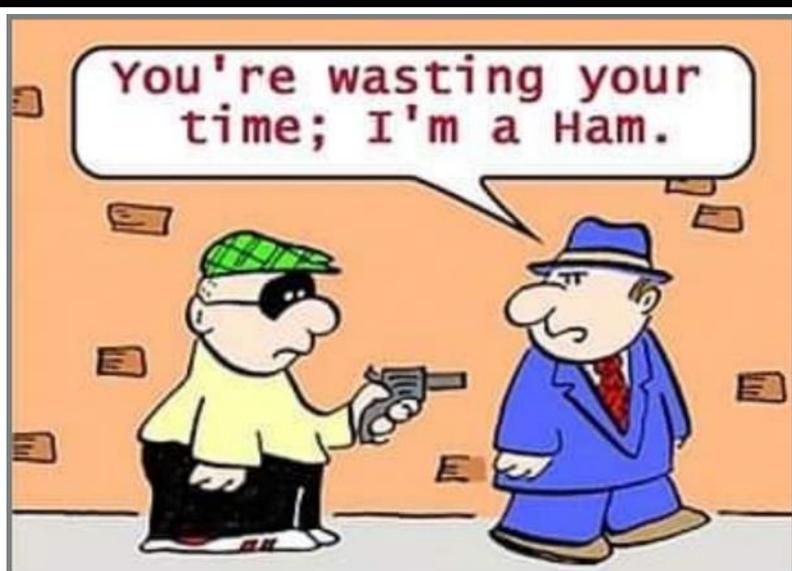
On Saturday, November 23, 2019, John/N8FYL brought over 60 bricks for the project.



Sunday, November 24, 2019, Marty/K8HVI and Doug/N8PYN stopped by and put the new tarp on the roof. As you can see, they used the bricks to hold the tarp in place. They also put ropes on the edges and tied them down.

We should be good for now.





LCARC VE Session

Information from Gregg / N8GEO



Our first VE testing session of 2020 will be at The Tucker Senior Center (the same place where we meet) on Monday February 10th at 6:30 pm

If you are a certified Examiner/Tester with W5YI please think about dropping by to help. We need two or three folks.

If you are interested and can make that date please get with me ASAP and I'll put you on the list.

THANKS

73 Gregg / N8GEO



The Hazel Park Amateur Radio Club 54th SWAP & SHOP January 19, 2020 8AM to 12PM

Vendor Set-up Saturday, Jan. 18th 1:00 pm - 5:00 pm
Sunday, Jan. 19th 6:30 am - 8:00 am

\$7 Entry, \$20 Table

*Join us in January for the annual HPARC Swap.
Ham radio equipment and related accessories will be bought and sold.
Come socialize with old friends and make some new ones. Come enjoy a
Southeast Michigan swap as it should be, with good food and good friends.*

License exam session at 10:00 am

Talk-in on W8HP

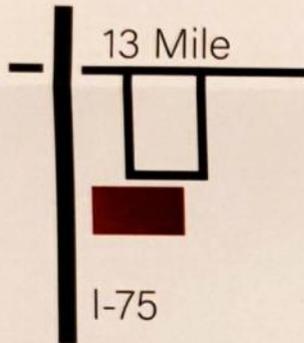
146.640 (100Hz PL) DART Repeater

HPARC.org facebook.com/HPARCclub



SANCTIONED
HAMFEST

- VENDORS
- DOOR PRIZES
- RAFFLE



UFCW Local 876
876 Horace Brown Dr.
Madison Heights, MI 48071



Cut and return

Name _____
 Address _____
 City _____ State _____ Zip _____
 Phone _____ Email _____

For information or assistance contact the swap chairman Bob N8REL
HazelParkSwap@gmail.com or call (248) 330-1696

TABLE RESERVATIONS MUST BE RECEIVED BY JANUARY 10

Mail this registration and a self-addressed stamped envelope to:
HPARC Swap, 29488 Woodward Ave., Rm #236,
Royal Oak, Michigan 48073

Tickets	x\$7.00
Tables	x\$20.00
	Total



Make Checks Payable
to HPARC

Now Hear/READ THIS!

The Livonia Swap was to be in a NEW location for 2020. BUT, the [Livonia ARC website](#) reports

It is with regret, that our annual Swap and Shop for 2020 has been canceled. This is due to a venue conflict.

Livonia Amateur Radio Club
 50th ANNUAL SWAP-N-SHOP
 Buy and Sell Amateur Radio Gear, Computers, or Electronic Test Equipment
 Livonia ARC
 P.O. Box 51532
 Livonia, MI 48151-0532
 www.livoniaarc.com Call (734) 941-5043
 or e-mail us at k8uns@arrl.net
 Sunday, February 23, 2020 8:00am - 12:00pm

Talk-in 145.35 with 100 PL or 146.52 Simplex
 GREAT VENDOR ACCESS
 NEW LOCATION
 *List of tables for \$100
 *Door Prizes
 *Food Concession
 *Tickets \$5.00

Future Programs & Activities

Scott Hernalsteen, W8CQD — Activities Manager

- December 1, 2019 [L'Anse Creuse Swap!](#)
- December 4, 2019 Regular Meeting — Elections
- December 11, 2019 Annual Christmas Party/Dinner—at new venue [Penne Lane](#)
- January 8, 2020 Regular Meeting—NOT on the 1st, which is New Year's Day! - White Elephant Exchange
- January 25/26, 2020 Winter Field Day—N8LC at Tucker Senior Center
- February 5, 2020 Regular Meeting
- February 10, 2020 VE Testing session at Tucker Senior Center

L'Anse Creuse ARC Board Members – 2019

President

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

VP and President-Elect

Scott Hernalsteen, W8CQD
40202 Vincenzia Dr
Clinton Twp, MI 48038-4084
586-201-5713
w8cqd@arrl.net

Secretary

Dave Garner, N6WY
56312 Summit Dr
Shelby Twp, MI 48316-5855
(586) 677-3858
n6wy@arrl.net

Treasurer

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

ARRL Liaison

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

Activities Manager

Scott Hernalsteen, W8CQD
40202 Vincenzia Dr
Clinton Twp, MI 48038-4084
586-201-5713
w8cqd@arrl.net

Past President

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

Technical Officer

Doug Chauvin, N8PYN
29112 Elmwood St.
St Clair Shores, MI 48082
(586) 775-1891
n8pyn@yahoo.com

Analog FM



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

Fusion Digital Only



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.
February 10th (Monday) at 6:30PM 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

01/19/2020 | [Hazel Park ARC's 54th Annual Swap](#)

Location: Madison Heights, MI

Type: ARRL Hamfest

Sponsor: Hazel Park Amateur Radio Club

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

[Learn More](#)

02/23/2020 | [Livonia ARC's 50th Annual Swap & Shop at a NEW LOCATION](#)

Location: Livonia, MI

Type: ARRL Hamfest

Sponsor: Livonia Amateur Radio Club

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

[Learn More](#)

03/14/2020 | [Toledo Hamfest, ARRL Great Lakes Division Convention](#)

Location: Perrysburg, OH

Type: ARRL Convention

Sponsor: Toledo Mobile Radio Association

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

[Learn More](#)

04/19/2020 | [3rd Annual Technology Expo](#)

Location: Madison Heights, MI

Type: ARRL Hamfest

Sponsor: GM Amateur Radio Club

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

[Learn More](#)

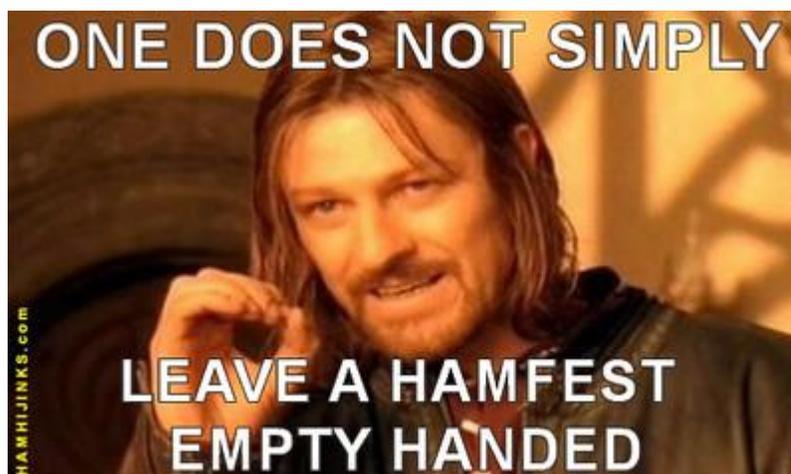
05/15/2020 | 2020 Dayton Hamvention

Location: Xenia, OH

Type: ARRL Hamfest

Sponsor: Dayton Amateur Radio Association

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



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)

\$10.00 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.

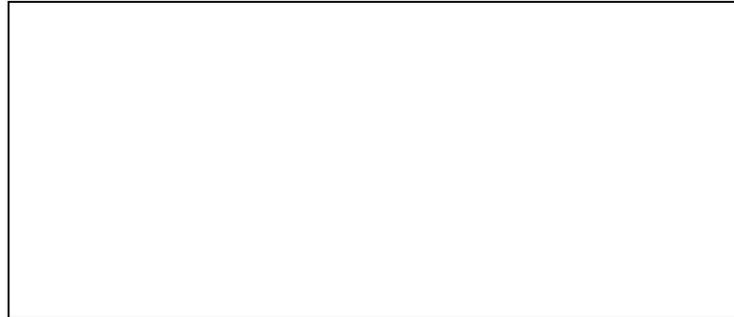
Treasurers Box
Date Paid: _____
Amount: _____
Initials: _____

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)

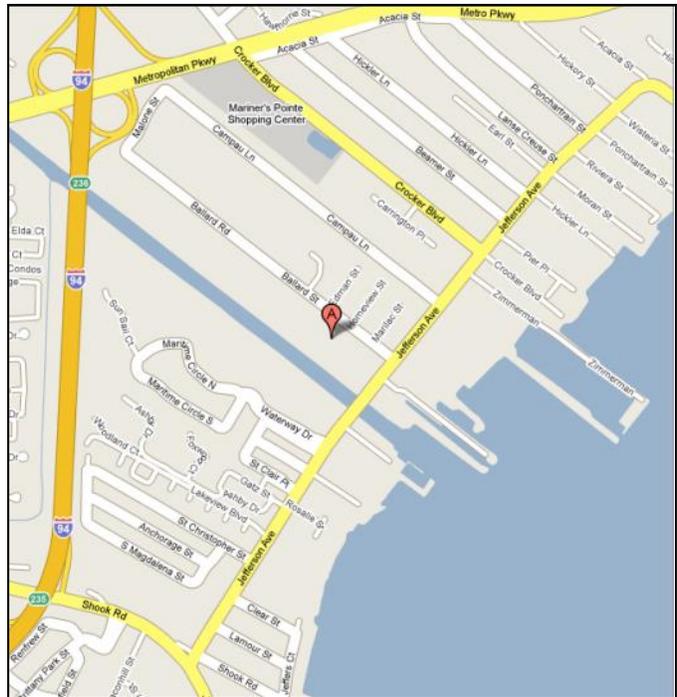
The Tuned Circuit
Monthly Bulletin of the
L'Anse Creuse Amateur Radio Club
29729 South River Rd
Harrison Twp, MI 48045-3030

First Class
Postage
+ Extra
Ounce



<http://www.n8lc.org>

E-mail: info@n8lc.org



The L'Anse Creuse Amateur Radio Club meets at 7:00 pm the first Wednesday of each month, except during July and August. Meetings are held at Tucker Senior Center located at [26980 Ballard St, Harrison Township, MI 48045](https://www.google.com/maps/place/26980+Ballard+St,+Harrison+Twp,+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.