

THE TUNED CIRCUIT

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

Club E-mail: N8LC@arrl.net

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**The Deadline for
the next TC:
Monday
December 23rd**

Next Meeting

**7:00 PM December 4th
2024**

at the Tucker Senior Center (see
last page for map and address)
with [Zoom video conference access](#).

Meeting Program - The program
for our meeting will be as
reported on [page 6!](#)

The NEXT board meeting might be
on Wednesday, December 18th,
2024 via Zoom. Click [here](#) for
details .

THE PREZ SEZ

It's hard to believe we've reached the end of another year already. 2024 seems to have flown by in a flash, but as we reflect on the past months, we can certainly appreciate how much we've accomplished together as a club.

Upcoming Christmas Celebration Dinner As we wrap up the year, we invite you to join us for some holiday cheer! Our annual Christmas celebration dinner will be held at the Aspen Restaurant on **Wednesday, December 11th at 6:30 PM**. It's always a joy to come together, share good food, and celebrate the season with our radio family. Mark your calendars and plan to attend this festive event—we look forward to seeing you there!

My Newest Project: Grayling Remote Station On a personal note, I'm thrilled to share progress on a long-anticipated project: putting my station in Grayling on the air remotely. This endeavor has been a goal of mine for some time, and I'm excited to finally make it happen!

I've recently acquired a Web power switch, which will allow me to control the station's power remotely. Paired with the Win4Icom software, I'll be able to manage operations with efficiency and ease from afar. This setup represents a new step forward in experimentation and convenience for me, and I can't wait to see how it all comes together. I'll keep you updated as the station goes live!

A Heartfelt Thank You As we close out the year, I want to express my heartfelt gratitude to every member of the club. Your active participation, enthusiasm, and dedication are what make this group so special. From our weekly nets and monthly meetings to field days and other activities, each of you contributes to the vibrant spirit of our community. Thank you for making 2024 a year to remember.

Happy Holidays and Best Wishes for the New Year On behalf of the club, I wish you and your families a joyful holiday season and a bright and prosperous New Year. May 2025 bring us more opportunities to connect, learn, and share our passion for amateur radio.

Here's to the memories we've made and the exciting adventures ahead. See you on the airwaves and at the Christmas dinner!

73 N8MKG / Dennis Jarzombek



Report of the Secretary

Submitted by Dennis Ruth / AC8JH

Call to Order:

President, Dennis/N8MKG called the November 6th, 2024, LCARC general membership meeting to order at approximately 7:04 PM at the Tucker Senior Center. A Zoom session was also available for those not able to attend in person.

Roll Call:

The following members were in attendance:

Dennis/N8MKG, Gregg/N8GEO, Marty/K8HVI, Mike/N5WCS, Steve/KF8BVD, John/N8FYL, Fritz/KE8BFW, Rick/K8RWM, Russ/N8HAR, Hal/W8HJP, Ralph/W8ROI, Garry/KD8JM, Debbie/KC8WHN, Jenny/No call, Dave/KC8BQW, Keith/W8KD, Lito/K8AJJ, Dale/K8RO,

On Zoom: Tom/WU8C, Dennis/AC8JH, Jeff/KC8RFC, Doug/N8PYN, Dave/W8WWP, Ronald Horner/N8TAW, Philip/K8ZOO.

Visitors: none

FCC license upgrades: none

October Meeting Minutes: A motion to approve the October 2024 meeting minutes as posted in *The Tuned Circuit* was made by Mike/N5WCS and seconded by Marty/K8HVI, The motion was passed.

Treasurer's Report: Gregg/N8GEO

Total amount in the account is	\$12,659.45
The youth Fund has	\$995.73
Total available (unallocated) is	\$11663.72

A motion was made by Lito/K8AJJ to approve the Treasurer's report, seconded by Marty/K8HVI. The motion passed.

Membership Report: John/N8FYL. We have 93 members of which 4 are life members and 8 are getting the first-year free membership and 21 have not renewed.

Tuned Circuit: John/N8FYL -The December, 2024 *Tuned Circuit* deadline is Monday November 23, 2024.

Note About Clem: Gregg/N8GEO said he had a phone call from Clem/W8VO. Clem is doing well and still receiving therapy for his feet. We wish him well. We need him back on the nets.

Net Control: Greg/N8GEO says we need help hosting the on air nets. Clem has been a great help but no one has had connected with him. Please help if you can.

Correspondence: none

Empty board positions: Dennis/N8MKG spoke about the positions on the board that need to be filled, please help if you can. It's not that tough!

(Continued on page 3)

(Continued from page 2)

Program chair will be Rick/K8RWM.

ARRL Liaison to help us stay informed to what happening at ARRL

VE Testing: Gregg/N8GEO stated the next LCARC testing is Monday, November 18, 2024. Doors open at 6:00 pm and testing starts at 6:30 pm. So far two people are scheduled for testing. VE's please show up at 5:45 pm. The fee for taking the test is \$15.00. Testing date for the rest of this year is during the LCARC swap. See [testing information](#) on LCARC web site for 2025 dates. Gregg also said that now the test results can be electronically sent to ARRL and that the successful candidates may get their license in as little as one day.

Monthly Dinner Out: No Dinner Out for November or December but the Christmas party is in December.

Christmas Party: The LCARC Christmas celebration will be held on Wednesday December 11, 2024, at 6:30 pm. Location will be the Aspen Restaurant at 20333 Hall Rd, Macomb, MI 48044 (42.629750 - 82.919060). The cost is \$30.00 per person to be paid at the event.

QSL Report: Dale/K8RO reported that he logged 126 QSO's, 23 SSB, 58 digital and 43 CW contacts mostly from 2024 Field Day,

Where is Doug: Doug/N8PYN. The next swap coming up is our swap (LCARC) Sunday December 1, 2024. Start time is 8 am and the swap is open until noon.

ARRL Report: No information this month.

Repeater Interference: Everything seems to be working OK,

Technical Committee Report: No information this month.

LCARC SWAP: Russ/N8HAR spoke about the LCARC swap on December 1st (Thanksgiving weekend) at the Balkan American Community Center at 1451 E. Big Beaver Road between John R and Rochester Road. The event starts at 8 am and runs until noon. Russ will be sending out over 4000 emails to hams in our area. He is asking for volunteers to help before and during the swap.

Siren Testing Update: Marty/K8HVI provided an update on the Macomb Count Siren Testing. 6 sirens were tested and reported to the county. We will not be testing the 15 sirens in Centerline as they are checked yearly by another group. The sirens to be tested next month are listed on the website and you can sign up [there](#) to help.

Net Points: Gregg/N8GEO spoke on this month's Net points. Ralph/W8ROI 1350 points, Dave/N8NLK 1000 pts, Joe/KE4ZYQ 150 pts, Clem/W8VO 4400 pts, Dave/N6WY 450 pts, Dave/W8WWP 450 pts, Chris/K8NVH 100pts, Bob/K8QYJ 550 pts, Tom/WU8C 5650 pts.

Digital Challenge: This month's digital challenge is FT8. Next month's challenge is Thor.

New Business: Dennis/N8MKG spoke on the elections for club officers. Open positions are President and President-elect (vice president). Gregg/N8GEO asked if anyone needs a club badge, contact him if you want one.

Close: Dale/K8RO made a motion to close the meeting, it was seconded by Mike/N5WCS. The meeting adjourned at 8:02 pm.

Board Meeting Minutes

Submitted by Dennis/AC8JH

Meeting Call to Order: The LCARC President, Dennis/N8MKG called the November 20th, 2024, LCARC board meeting to order at 7:30 PM. The meeting was held via Zoom

Present were Dennis/N8MKG, Mike/N8WCS, Rick/K8RWM, Tom/WU8C, Marty/K8HVI, Gregg/N8GEO, Ralph/W8ROI, Dale/K8RO, Dennis/ AC8JH, Russ/N8HAR.

Activities Manger Report: Rick/K8RWM discussed his introduction to logging software. We discussed the option of getting our own TV for presentations, this will be discussed at December meeting.

Treasurer's Report: Gregg/N8GEO.

Total amount in the account is	\$13,374.57
The youth Fund has	\$625.00
Total available (unallocated) is	\$13,999.57

Gregg spoke on the outgoing checks

- \$2000 for Swap.
- \$200 for swap food,
- \$100 to the Township.
- \$100 to the Knights of Columbus,

LCARC Swap Report: Discussed the tables availability. Russ said we have 70 tables available for food, tickets, equipment testing, siren testing. 51 tables have been sold to vendors. Tony may build a ramp for a step. We need hand trucks for moving equipment. Everyone will use the front door into the building.

Repeater Information: Discussed the controller replacement. Dale/K8RO will investigate the equipment.

Siren Testing Update: Marty/K8HVI provided an update on the Macomb Count Siren Testing. 8 sirens were tested and failed. Results reported this to the county. Everything is ready for this month's testing. 22 sirens to be tested.

2024/2025 LCARC club dues are due **NOW**

Bring your money/check and either
the pre-filled form that was sent out in early September

OR

the Membership Request form on page 15

to the club meeting and give them to our Treasurer Gregg, N8GEO,
OR remit your payment as instructed on either form.

DECEMBER 4TH MEETING!!!

Submitted by Rick / K8RWM

The December program will be a presentation on electronic (computer) logging.



Membership Report

Welcome to Bob/KF8BLA. He joined us at the November meeting. That increases our member count to 93 members.

Our membership comprises 89 regular members of whom 8 are “first-year free” members, and four Life members.

My analysis of the membership data indicates there are 20 members who have not yet renewed. Remember, If you have NOT renewed by the February 2025 meeting you will be removed from the list of current members.

John / N8FYL — 11/27/2024



The next LCARC administered
VE test session is scheduled for
January 20, 2025
at the Tucker Senior Center.

Doors open at 6:00 PM and testing start at 6:30 PM

VEs Please be there by 5:45 PM.

Contact Gregg Crump n8geo.ham@gmail.com

If you are interested in becoming a VE give Gregg a call at 586-738-2487



New Zoom Meeting Details effective 03/09/24



Join Zoom Meeting (Membership & Board Meetings)

<https://us06web.zoom.us/j/83614331186?pwd=vweBsNgCIXtuP14fvVGWspjbiUR6Ua.1>

Meeting ID: 836 1433 1186

Passcode: 14708

New Passcode which is also in the pwd= above.

Join Zoom Meeting is the link for the actual meetings. With this link, you should be able to create a bookmark in your browser, and then you can use that each month, as this link will not change for the rest of the year.



LCARC Christmas Party



Information supplied by Mark / N8REZ

The LCARC Christmas Celebration will be held on **Wednesday December 11, 2024 at 6:30 PM.**

Location is the **Aspen Restaurant**
at **20333 Hall Rd, Macomb, MI 48044** (42.629750 -82.919060).

As in the past we will collect the money at the event. Price per person is \$30.

We will have three choices of entrees including a salad. Selections will be made when you order.
The club will provide coffee, soft drinks and cake. Cash bar will be available.

November VE Testing Recap

Submitted by Gregg/N8GEO

We had another successful testing session. 5 folks showed: up 3 upgrades to General and 2 for Technician. The upgrades did well and 2 passed the test and got their license upgraded. I'm sorry to say that we did not get any new folks into the hobby. Everyone left with a positive attitude and was talking about coming back next year to try it again.

Again, I can't thank the LCARC testing team enough. We would not be able to provide this service to the ham community without their help. So, THANKS to the team for being there to make this happen.

73, Gregg /N8GEO



NEW FT Challenge Contest

December 7-8, 2024!

The FT Challenge allows testers and non-testers to work each other seamlessly using FT4 or FT8. Non-testers need not be aware that they are providing "contest" QSOs and their QSO needs are completely met. The QSO exchange and messages are identical for both groups.

Thus, anyone in the FT sub-bands can work any station without regard to whether they are "in the contest". Grid Square and SNR are exchanged, but if a station calls a contest station with the Tx2 message (SNR), the tester will reply with the expected SNR, having already sent their Grid Square. In this case, the tester will not have received the Grid but they still get a QSO point, despite the missing received Grid. The tester does not get "distance QSO points" without the received Grid Square, however.

Scoring is distance-based with additional QSO points based on 3,000 km increments of distance between QSO partners. In FT distance-based contests to date, the playing field is more level with top scores coming from all around the world.

The Classic Overlay category is available for those Single Operators who use only one radio. This is an additional category which means that entrants must enter a Single Operator category and can optionally also enter the Class Overlay category, thus being in two categories for the same contest.

The FT Challenge has replaced the FT Roundup in 2024. <https://www.rttycontesting.com/ft-challenge/>

There's More to My Life than Ham Radio

submitted by Dave / W8WWP

Many of you know that I have been working on a hovercraft for a bit over 2 years. I am just about done with the exception of a belt tensioner and my trailer. I've gotten lots of help along the way with getting parts fabricated. In fact Mark N8REZ dado cut all of the wood needed to make the lift fan. Many neighbors have helped me turn this upside down and then right side up.

The craft is constructed of Styrofoam, 1/8" plywood, fiberglass and several gallons of West System epoxy. Lots of challenges were always part of the fun. I've made some fixtures and special tools to help in the process. The lift fan is a 26" 4 blade type made of 1x6 pine. Several layers of the wood are epoxied and then the fan is shaped, and balanced. The fan is driven by a 10.5 HP Briggs and Stratton engine with electric and pull start. The fan is directly attached to the crank shaft, much like a lawnmower blade.

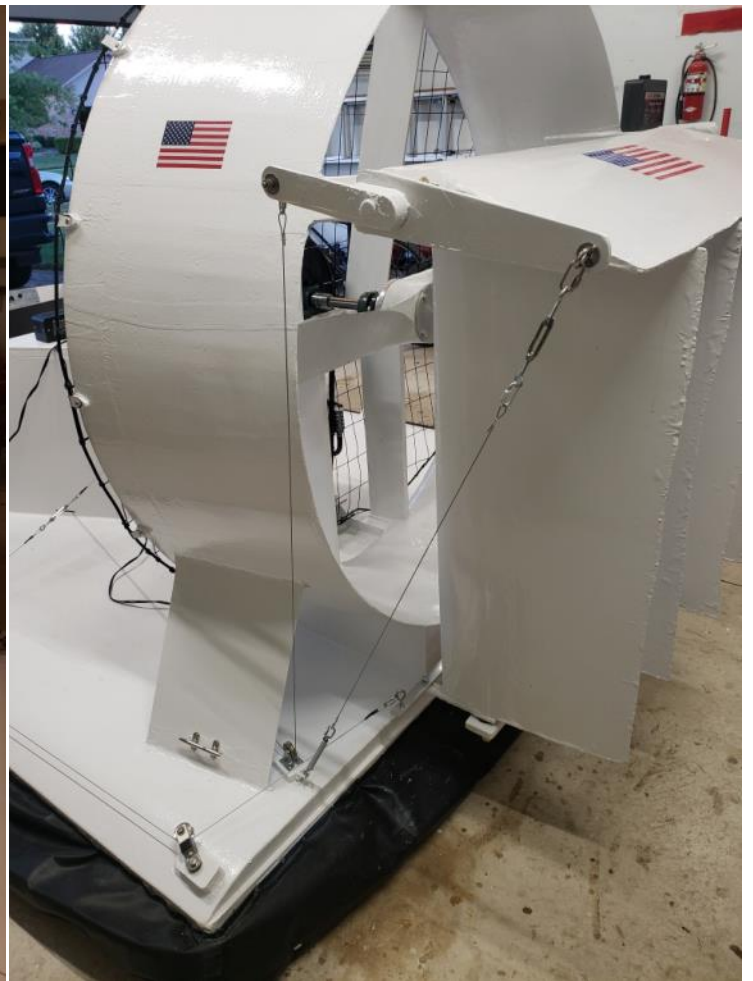
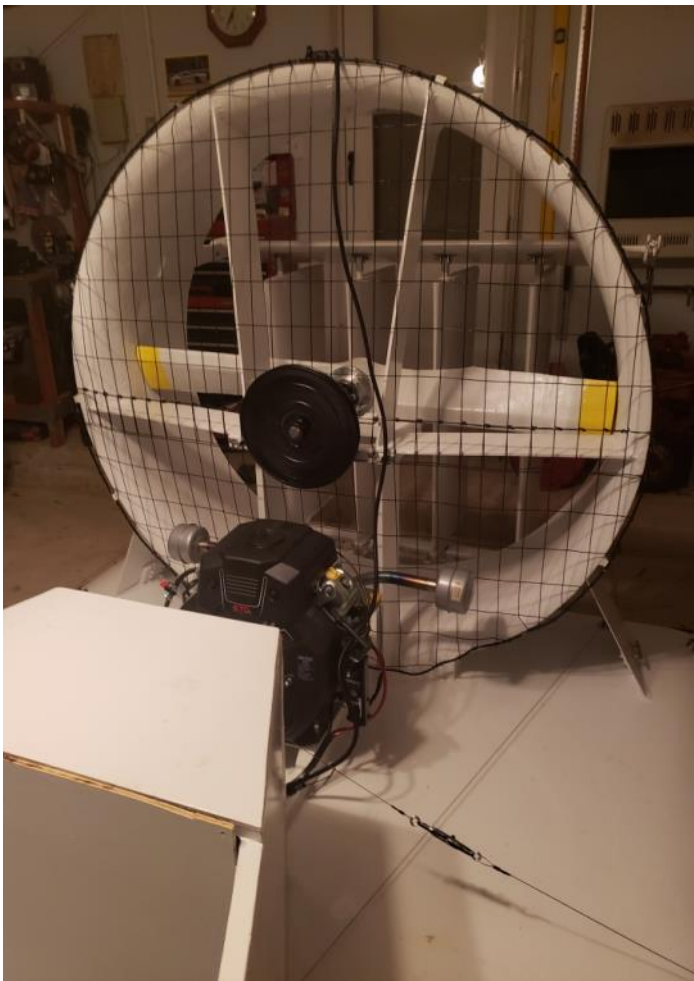
The thrust system is a 54" 2 blade propeller, also made of 1x6's and laminated, shaped, and balanced. It is driven thru a belt reduction drive system. A 12" pulley drives a shaft held by pillow block bearings, the belt then connects to a 6" pulley on a 22 HP Harbor Freight Predator engine. This keeps the propeller turning slower with less tip speed to decrease noise. The thrust propeller is inside of a duct that is 60" in the front and 54" in the rear. Ducting a propeller can increase thrust by 15% due to the increased inlet diameter and close tip clearance.

I get tons of questions, the most common being, "what happens if the engines stop?" The craft will float and being that it is made almost all of Styrofoam it is very buoyant. The next question is "what is the skirt made from?" The skirt is 18 ounce per yard vinyl coated nylon cloth, typically used as tarps. All the corners are glued with a type of glue that is similar to PVC cement.

I probably could make this a book, so I won't bore you all the details. Anyone, club member or not, is welcome to come see it in person. I know I've left out a lot of details, so reach out if you have any questions. Lastly this craft will have a dual band rig and APRS. It will be fun to have ham radio along.

vy 73 Dave W8WWP





No Static at All – Just Christmas

Amateur (because there is no pay), but not Ham, Radio!

Information Provided by Fritz / KE8BFW

Tom Baker is a cousin – his day job was an on-air DJ at many Detroit market radio stations, various formats. He plays in a couple live bands (was -Metro Rockway, now Dr. Smith Detroit, and the Allen/Puckett project) and this is his hobby during the Christmas season for maybe 10 years now.

He buys this streaming service - but the music is all his private collection. He does the programming, breaks, and intros on his home computer which gets transferred to the streaming site.

Potential interruptions have happened with the streaming site in the past - but he is on the "AIR" 24x7 until after Christmas.

Desktop link: <https://myradiostream.com/nostatic>

Mobile link: <https://myradiostream.com/mobile/nostatic>

Pass it on to friends and family, and next year too.

He launched at 8AM, Saturday November 23, 2024!

He has a Facebook page ([No Static At All...just Christmas](#)) if you want to follow updates yourself.



MERRY CHRISTMAS! Welcome to our TENTH holiday season together! So glad you're here. I program this station as a Christmas music nut, FOR Christmas music nuts. No Repeats everyday from 8AM until 6PM. Everyday! All your favorite classic artists like Bing, Nat, and Frank plus more contemporary artist like Pentatonix and Amy Grant. It's a labor of love and is meant as an alternative to the local Christmas stations that have a very small library. I hope you discover something new that you like, and above all, THANK you for making us a part of your Christmas season! HO HO HO! -Tom Baker

Morsle—The Daily Morse Code Challenge

I recently learned about the website [Morsle](https://morsle.fun/) (<https://morsle.fun/>). It is kind of a game, and kind of a Morse code skill building tool.

The Help information is—>

I have added the link to the **Morse Code Resources** section on [Page 14](#).

Brought to you by [Remote Ham Radio](#)

The screenshot shows a dark-themed interface for the 'Morsle' daily Morse code challenge. At the top, it says 'Welcome to the daily Morse code challenge' with a close button (X) in the top right corner. Below this, it says 'Brought to you by Remote Ham Radio'. The main text informs the user: 'You have 21 tries to guess the word, which will be played out loud in Morse code. Playback speed starts at 40 words per minute (WPM), which is pretty fast, but don't worry! Every three tries, the speed decreases by 5 WPM. You are granted one guess every time you play the word. Play the word again if you need to keep guessing. You can guess even if there are some blank letters. Correct answers will be marked in green, but there are no other hints.' There is a volume slider and a 'Play a Test Sound' button. At the bottom, there is a blue button that says 'Start the Game Already!'.

Phonetic Alphabets

By John / N8FYL

I came across an interesting [web page](#) documenting 6 different phonetic alphabets along with a bit of history of the various alphabets. Did you know there was a documented DX as well as an “Alternate DX” phonetic alphabet. I didn’t until I read [this page](#). Check it out when you have a few minutes and you can learn about the *NATO ARRL*, *DX*, *DX Alternate*, *APCO*, *WWII Navy*, and *Old ARRL* variants.

SKYWARN Recognition Day

From [ARRL News](#)

SKYWARN™ Recognition Day is December 7, 2024. The annual event is celebrating its 25th anniversary. SRD was established in 1999 by the National Weather Service and ARRL® to commemorate the contributions of SKYWARN volunteers. Using amateur radio and other means of communication, SKYWARN spotters provide real time ground truth to NWS offices. The ham-volunteers can also provide vital communications between NWS and local emergency management officials when other means go down.

In a video posted to the SRD web page, National Weather Service Director Ken Graham, WX4KEG, said the information ham radio operators and other SKYWARN volunteers provide is critical. “I, along with the entire National Weather Service, want to acknowledge and thank you for your invaluable service to the communities we serve.”

There will be a SRD special event from 0000 – 2359 UTC on the day. The objective is for all amateur stations to exchange QSO information with as many Amateur Radio SKYWARN Spotters and National Weather Service Stations as possible on the 80, 40, 20, 15, 10, 6, 2-meter and 70-centimeter bands.

ARRL will be on the air during the event from the ARRL Radio Laboratory station, W1HQ, using the call sign WX1AW. Spotters are encouraged to register for SRD at <https://www.weather.gov/crh/skywarnrecognition>. There will be participation certificates available after the event.

Summary by John / N8FYL



The Michigan QSO Party committee (W8MJ, K9TM, NA8V, N8SS, K1LT) announced the results of the MiQP 2024 on November 16, 2024. You can see and read up on these results by going to <https://www.MiQP.org> and use the 2024 Results Menu. There were 373 logs submitted in 2024, which is 13% more than the 329 logs submitted in 2023.

There was no N8LC activity/entry in 2024. Club members Ted/K8EO, Dale/K8RO, John/N8FYL, Dennis/N8MKG, Tony/KD8SRQ, Gregg/N8GEO, Mike/N5WCS, and Russ/N8HAR submitted logs for our club.

There are 70 logs from Michigan stations in the final results for the “Fixed Single Op Low Power” category:

- 5th place is Dale/K8RO (also 1st of 13 in Oakland county).
- 7th place is John/N8FYL (2nd in Oakland county).
- Dennis/N8MKG is 29th (only log from Crawford county).
- Tony/KD8SRQ in 44th (2nd of 7 in Macomb county).
- Gregg/N8GEO 51st (4th in Macomb county),
- Mike/N5WCS is 56th (6th in Macomb county).
- Russ/N8HAR is 61st (7th in Macomb county).

Ted/K8EO was the only log from Gladwin county and 19th of 20 in the “Single Op High Power” category. Our club is in 4th place in the aggregate club scoring, but we had the highest number of entries—8.

Dale/K8RO had the highest score of all 14 Oakland county stations (low and high power).

The next MiQP is Saturday, April 19, 2025. Sadly, once again, that is the Saturday of Easter weekend.

Future Programs & Activities

Rick/K8RWM — Activities Manager

December 1, 2024	L'Anse Creuse Annual Swap
December 4, 2024	Regular membership meeting—Annual Elections & program about logging.
December 11, 2024	Christmas Party at Aspen Restaurant
December 14&15, 2024	ARRL 10 Meter Contest
December 22, 2024	ARRL Rookie Roundup—CW
January 4-5, 2025	ARRL RTTY Roundup
January 8, 2025	Regular membership meeting—White Elephant item exchange
January 20, 2025	VE test session at the Tucker Senior Center
January 26&27, 2025	Winter Field Day
February 5, 2025	Regular membership meeting

L'Anse Creuse ARC Board Members – 2024

President

Dennis Jarzombek , N8MKG
45985 Hollowoode Ln
Macomb, MI 48044-4170
586-838-8500
jarzombek@outlook.com

VP and President-Elect

This Position is Vacant.
Will you be the volunteer
that fills it?

Treasurer

Gregg Crump, N8GEO
29729 South River Rd
Harrison Twp, MI 48045-3030
586 738-2487
n8geo@arrl.net

ARRL Liaison

Hal Price, W8HJP
1995 Shamrock Ln
Marysville, MI 48040-2047
586-419-9193

Past President

Marty Folz, K8HVI
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586-268-0544
k8hvi@arrl.net

Technical Officer

Doug Chauvin, N8PYN
29112 Elmwood St.
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586 775-1891
n8pyn@yahoo.com


Secretary

Dennis Ruth, AC8JH
53359 Mark Dr
Shelby Twp, MI 48316-2374
248-805-2409
ac8jh@arrl.net

Activities Manager

Rick Meech, K8RWM
51660 Laurel Oak Ln
Chesterfield, MI 48047-1422
586-329-8572
rwmeech@gmail.com

Analog FM



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

N8LC



LC Echo 70 cm Repeater
Yaesu DR-1X 442.925 MHz
100 HZ PL

Fusion Digital Only

Board Meeting Time and Location

Board Meetings are held on a Wednesday after the regular membership meeting at a date and time determined by the President. Board meetings will be held via Zoom video conferencing. Click [here](#) for the Zoom details. All club members are welcome to participate. Should a board meeting have a planned cancellation, this cancellation will be announced in the newsletter. Other updates may be posted on LcRadioClub@groups.io

Club Founder - Art Ellis W8PBO SK

Club Committee Chairmen

ARRL HF Awards Manager			Little Bay Awards	Dale McGorman	K8RO
ARRL HF Awards Assistant					
ARRL VHF/UHF Awards Manager			Membership Chairman	John Huber	N8FYL
Call Sign ID Tags	Gregg Crump	N8GEO	Net Points Manager	Tom Mathison	WU8C
Christmas Party	Mark Castiglione	N8REZ	Net Points Upgrade Awards		
Club Apparel & Patches	Scott Hernalsteen	W8CQD	<i>The Tuned Circuit</i> email Distribution	John Huber	N8FYL
Club Call Trustee - N8LC	Marty Folz	K8HVI	Outgoing QSL Manager	Dale McGorman	K8RO
Code Proficiency Awards			QSL Cards	Dale McGorman	K8RO
Dayton Trip	Gregg Crump	N8GEO	Swap Chairman	Russ Price	N8HAR
Door Prizes—Buyer			<i>Tuned Circuit</i> Editor	John Huber	N8FYL
Door Prizes—Tickets	Mike Koenig	N5WCS	Volunteer Exams	Gregg Crump	N8GEO
Echo Repeater Trustee	Marty Folz	K8HVI	Webpage (www.n8lc.org)	Marty Folz	K8HVI
Field Day	Gregg Crump	N8GEO	Webpage Assistant	John Huber	N8FYL
Health & Welfare	Cheryl Jarzombek	N8MKF	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. 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

The last LCARC scheduled testing date for 2024 is Sunday, December 1st at our swap. 2025 dates are January 20, March 17, May 19, July 21, September 15, and November 17, and at our 2025 swap in December.

Contact Gregg Crump
n8geo.ham@gmail.com

There are other testing opportunities available in our area according to the ARRL web site.

Go to <http://www.arrl.org/find-an-amateur-radio-license-exam-session>. Enter your Zip Code and the "within" distance, and click SEARCH.

Study Resources:

<https://study.affirmatech.com/>
<https://www.hamradiolicenseexam.com>

Online Practice Exams:

<https://www.eham.net/exams>
<https://www.qrz.com/hamtest/>
<http://www.hameducation.org/>

Morse Code Resources:

Learn CW Online <https://lcwo.net/>
<https://github.com/w7sst/MorseRunner>
<https://morsle.fun/> ← NEW 12/24
<http://www.g4fon.net>
<http://www.ac6v.com/morseaids.htm>



Upcoming Swaps

12/01/2024 - [LCARC Amateur Radio Swap/Hamfest](#)

Location: Troy, MI

Type: ARRL Hamfest

Sponsor: L'Anse Creuse Amateur Radio Club

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

[Learn More](#)

02/08/2025 - [Cherryland ARC Ham Swap](#)

Location: Traverse City, MI

Type: ARRL Hamfest

Sponsor: Cherryland Amateur Radio Club

Website: <http://cherrylandarc.com>

[Learn More](#)

02/22/2025 ***Saturday!***

- [Livonia Amateur Radio Club Annual Swap & Shop](#)

Location: [Ward Church, Northville, MI](#) [Editor: NEW Location!]

Type: ARRL Hamfest

Sponsor: Livonia Amateur Radio Club

Website: <https://livoniaarc.com>

[Learn More](#)

03/23/2025 - [Lowell Amateur Radio Youth Club Hamfest](#)

Location: Lowell, MI

Type: ARRL Hamfest

Sponsor: Lowell Amateur Radio Youth Club

Website: <http://amateurradioyouth.club>

[Learn More](#)

05/16-18/2025 - [Dayton Hamvention](#)

Location: Xenia, OH

Type: ARRL Convention

Sponsor: Dayton Amateur Radio Association

Website: <http://hamvention.org>

[Learn More](#)

06/15/2025 - [Monroe Hamfest](#)

Location: Monroe, MI

Type: ARRL Hamfest

Sponsor: Monroe County Radio Comm Association

Website: <http://mcrca.org/>

[Learn More](#)

L'Anse Creuse Amateur Radio Club Nets

Click the link above to open the Google Docs Net Control Schedule / Sign up Sheet

Local Time	NET	Mode	Frequency in MHz	First week	Second week	Third week	Fourth Week	Fifth Week
Monday evening:						Link to the Net Preamble		
20:00	15M	CW	21.165	Dave W8WWP	Net is inactive.	Seeking Net Control operators.		
20:30	15M	USB	21.395	Dave W8WWP	Lito K8AJJ	Gregg N8GEO		
21:00	6M	USB	50.160	Gregg N8GEO	Russ N8HAR	Dale K8RO	Lito K8AJJ	
Tuesday evening:						Link to the Net Preamble		
21:00	2M	FM	147.08+	Sterling Heights CERT		2nd Tuesday of the month		
					A LCARC sanctioned net run by the Sterling Heights CERT.			
Thursday evening:						Link to the Net Preamble		
19:30	10M	USB	28.435				Gregg N8GEO	
20:30	2M	FM	147.08+	Dave W8WWP	Russ N8HAR	Gregg N8GEO	Tom WU8C	Fritz KE8BFW

Membership Request

Date: ____/____/____

Request For:

___ \$20.00 LCARC Individual Membership
Are you a New Member? (Y / N)

___ \$30.00 LCARC Family Membership

___ \$2.00 LCARC Student Membership (Under 18 years of age)

___ Please update my membership information because it has changed.

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

Call sign: _____ Old Call Sign: _____ Street: _____

Name: _____ City: _____ State: _____

Nickname: _____ Zip: _____ - _____

Spouse: _____ 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)

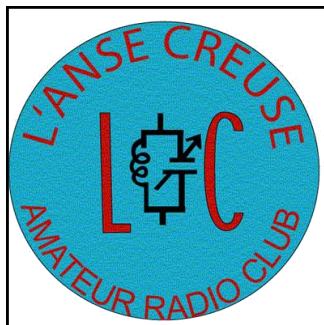
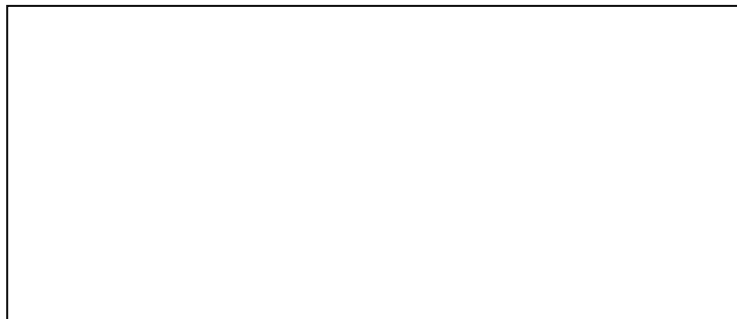
Novice Technician Tech+

General Advanced Extra

The Tuned Circuit

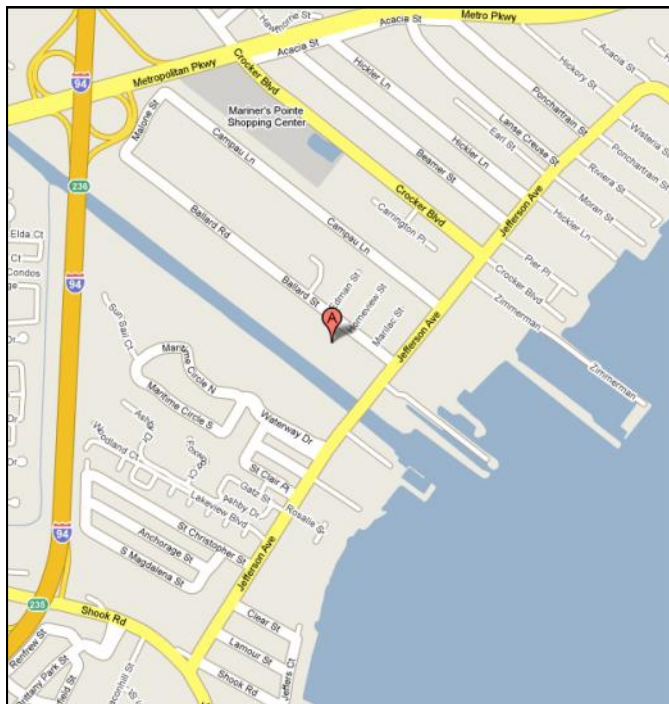
**Monthly Bulletin of the
L'Anse Creuse Amateur Radio Club**
29729 South River Rd
Harrison Twp, MI 48045-3030

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+ Extra
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<http://www.n8lc.org>

E-mail: info@n8lc.org



The L'Anse Creuse Amateur Radio Club meets at 7:00 pm the first Wednesday of each month, except during July and August. Meetings are held at Tucker Senior Center located at **26980 Ballard St, Harrison Township, MI 48045** unless indicated otherwise in the most current issue of *The Tuned Circuit*. Call-in on the Echo Repeater (N8LC) on 147.08 MHz (+ 600 KHz, 100 Hz PL tone) for any meeting information, or to ask a member for the location of the meeting.