

## THE TUNED CIRCUIT

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

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**The Deadline for  
the next TC:  
Monday  
February 20th**

Next Meeting - **7:00 PM**  
**February 1st 2023** 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, February 8th, 2023  
via Zoom. [Click here for details](#).

## THE PREZ SEZ

I would like to start off my first "The Prez Sez" by thanking Dale/K8RO for doing an excellent job running the club for the past year. Everything that our group has done in 2022 has been nothing but going up and getting better. It will be a tough act to follow. Also, thanks to the board members that keep our club humming along effortlessly. And Russ/N8HAR with his leadership in keeping our swap going and being successful when other swaps aren't making it. I bet next year will be even better. And a double big thank you to all our leaders (think board & *The Tuned Circuit* editor) because they all are coming back for another year. I couldn't ask for more!

In 2023, we look to continue working on the repeater tower project to get our antennas back up. Every time we seem to get close to getting 'er done we hit a roadblock. Maybe 2023 will be the year... Also, we are working on dovetailing our City of Sterling Heights emergency communications work (think LCARC repeater) with our support to Macomb County. We will be meeting with the Macomb County Emergency Management team this month to review the status of our Emergency Sirens testing results. We have improvement ideas for the data that we capture for them. Going forward, we are hoping to host a simple online sign-up sheet so that anyone can pick which siren they want to capture at any time (i.e., remove the very manual process that Dale/K8RO is doing right now). Through this year, we hope to further expand the invitations to a broader range of persons willing to volunteer to visit a siren site.

Our next big club event is [Winter Field Day](#) which is the January 28-29<sup>th</sup> weekend. We will hold it at the Tucker Senior Center. I hope you can stop by to enjoy this event. Some will be there for the full 24 hours, and some will be there for a couple hours. We approach this event as a causal contest. Great time to see how a station comes together and how antennas get set up. Feel free to bring your station and/or antenna and we can help you set it up. We certainly need operators. Just showing up and running a rig for an hour is highly encouraged and welcome. We have more operating hours than we have people to operate. Dale/K8RO will be leading the setting up of a satellite station. This is something to come and watch all by itself. It is fun to see satellite contact in action. We will have some food and we will be spending the night. So just come on out at give us a visit. However, if you can't make this activity, we will participate in the [MI QSO Party](#) in April. Details are being worked on now. We are thinking about going out to a state

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park. More to follow.

Lastly, we have a dinner out night on January 25<sup>th</sup> at [Hook and Reel](#). We have been trying to do one every month. It will be too late for you to act on this one by the time you read this. But, please plan for the next one in February (location to be determined)

Looking forward to seeing you all at the next club activity!

73, Marty / K8HVI

## Report of the Secretary

### Meeting Call to Order:

President, Marty/K8HVI called the January 4th, 2023, LCARC general membership meeting to order at approximately 7:00 PM at the Tucker Senior Center. A Zoom session was available for those not able to attend in person.

### Roll Call:

The following members were in attendance:

Dale/K8RO, Gregg/N8GEO, Dennis/N8MKG, Marty/K8HVI, Fritz/KE8BFW, Ken/KD8RJN, Doug/N8PYN, John/N8FYL, Mike/N5WCS, Larry/KE8LEB, Rick/K8RWM, Tim/AD8JL, Russ/N8HAR, Ralph/W8ROI, Lito/K8AJJ, Keith/W8KD, Dennis/WC8C, Scott/KE8VXM, Martin/KE8QHQ, Tim/WF8TNT, Tony/KD8SRQ and on the Zoom session were Tom/WU8C, Phil/KE8KCY.

**Visitors:** Tyler/KE8WFY and Danny/KD8UDK

**FCC license upgrades:** None

### December Meeting Minutes:

Mike/N5WCS made a motion to approve the prior month's (December 2022) meeting minutes as printed in the Tuned Circuit. It was second by Rick/K8RWM. The motion passed.

### Treasurer's Report: by Gregg/N8GEO:

|                                  |            |
|----------------------------------|------------|
| Total amount in the account is   | \$8,494.50 |
| The Youth Fund has               | \$154.00   |
| The Repeater Fund has            | \$874.85   |
| Antenna Project has              | \$1,916.07 |
| Total available (unallocated) is | \$5,549.58 |

Dale/K8RO made a motion to approve the Treasurer's Report. It was seconded by Tom/WU8C. The motion passed.

### Where's Doug: by Doug/N8PYN:

Hazel Park on Sunday, January 22, 2023, at the Royal Oak Farmer's Market. The Livonia Swap is on

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February 18<sup>th</sup>. Kalamazoo will be on March 11 and USECA on March 26. [HamCation](#) will be in Orlando Florida on February 10-12, 2023. Details are in *The Tuned Circuit*.

#### **Technical Committee Report:**

Doug/N8PYN stated there are no updates to the repeater this month.

#### **ARRL Liaison report: Keith/W8KD**

ARRL has established 2023 as The Year of the Volunteer. Several activities related to this will be he Volunteer on the Air (Details in *The Tuned Circuit*)

- The month of January will have Kids Day on the 7<sup>th</sup>, RTTY Round Up on the 7<sup>th</sup> and 8<sup>th</sup>, and the VHF contest is on the 21<sup>st</sup> and 22<sup>nd</sup>.
- Bill Johnson of US House District 6 of Ohio has introduced a bill to eliminate the private land restrictions for ham radio operators for antennas.
- U.S. Congresswoman Debbie Lesko (AZ-08) introduced the Amateur Radio Communications Improvement Act to eliminate the current symbol rate limit set by the Federal Communications Commission (FCC) and replace it with a 2.8 kilohertz (kHz) bandwidth limit. The bill brings regulations up to speed with modern technological advances in amateur radio.
- There are 9 special event stations and 36 contests left in the month of January.

**QSL Report:** Dale/K8RO – Received 12 QSLs this month going back to 2019.

#### **Siren Test Reporting Update:**

Dale/K8RO provided an update on the Macomb Count Siren Testing. Testing has been going well with focus on the priority 51 locations. Testing will continue this Saturday [1/7/23] with a number of members planning to be at locations. A list of sites will be provided to the members to pick a siren to watch and report on.

#### **VE Testing:**

Gregg/N8GEO stated testing is scheduled for March 20, June 19 and September 18 at the Tucker Center and December 3 at the club swap.

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

We have 89 members. 4 life members, 13 first year free. 85% of members have renewed for 2023.

#### **Tuned Circuit:** by John/N8FYL

The February Tuned Circuit deadline is Monday January 23rd, 2023.

#### **Net Points – Clem/W8VO via John/N8FYL**

Gregg/N8GEO – 2300 points, and Russ/N8HAR – 500 points.

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### Winter Field Day:

Greg/N8GEO provided an update on Winter Field Day which is January 28 and 29 at the Tucker Senior Center. All are welcome to attend and participate or just watch and learn.

### Board Meeting:

A board meeting will be planned for Wednesday, January 11, 2023. The location is TBD.

### Break and Drawings:

A break was taken from 7:45 to 8:00 PM. Door prizes were won by Scott/KE8VXN, Tim/WF8TNT, Keith/W8KD, Dale/K8RO, Fritz/KE8BFW, and Rick/K8RWM. The 50/50 winning ticket was held by Fritz/KE8BFW.

### Meeting Close:

A motion to close the meeting was made by Mike/N5WCS and seconded by Dennis/N8MKG Motion passed and meeting was adjourned at 8:07 PM.

### Evening Program:

No program this month as we had the White Elephant Gift Exchange which was a lot of fun for all.

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## Volunteers On The Air (VOTA) W1AW/8 Michigan Section Sign up To Operate As W1AW/8

As part of the ARRL's [VOTA operating event](#), Michigan amateurs may volunteer to operate using the W1AW/8 call sign. Michigan has two weeks scheduled in 2023 to use W1AW/8, the week of February 22 and October 25.

The schedule to use W1AW/8 for the week of February 22 through February 28 is now open. To view the available times, bands, and modes, visit the schedule site at: [www.miqrp.net](http://www.miqrp.net)

Scroll down past the picture and follow the link noted as "Here" to choose an available operating slot. Then send me an email with your selection to [n8lj@arrl.net](mailto:n8lj@arrl.net) and I will update charts on a daily basis.

Thank you to the MIQRP Club under the direction of Jim Vigne KB8TXZ and webmaster Greg Stobbs N8GAS to host the Michigan section W1AW/8 sign up, and for their efforts to create the VOTA tracking pages.

73 Lee / N8LJ

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## Livonia ARC Swap Still a Go!

We have heard the sad news about the cancellation of the [Hazel Park](#) and [USECA](#) swaps.

As of this writing the [Livonia ARC Swap](#) is still going to happen!

The Livonia event is on **SATURDAY**, February 18th at a new location, [The Monaghan Banquet Center](#), 19801 Farmington Road, Livonia, MI. That is between 7 and 8 Mile Rd.

As far as I, N8FYL, know, this is the **ONLY** metro area swap until the LCARC 2023 swap on December 3.



# Board Meeting Minutes

Submitted by Ken, KD8RJN

## Meeting Call to Order:

The LCARC President, Marty/K8HVI called the January 11<sup>th</sup>, 2023, LCARC board meeting to order at 7:30 PM. The meeting was held at Bentley's Roadhouse. There was also a Zoom session for those not able to attend in person.

## Present were:

Marty/K8HVI, Dennis/N8MKG, Dale/K8RO, Doug/N8PYN, Keith/W8KD, Gregg/N8GEO, Ken/KD8RJN, Mike/N5WCS, and Tom/WU8C

## Winter Field Day:

Marty/K8HVI validated that we are all set for [Winter Field Day](#). All the board members agreed that we have all the details in place including two generators, extension cord and donuts. There is a request to get mostly the long cream filled donuts.

## [April 15 Michigan QSO Party:](#)

The board discussed holding the QSO party at a location other than the Tucker Senior Center. Two other options were discussed. We will hold the decision until we get closer to April.

## Siren Test Reporting:

Dale/K8RO and Marty/K8HVI discussed the progress we are making on the siren testing. They are planning to update some of the spreadsheets and processes to enable better real time siren selection, tracking and reporting. They are also planning additional meetings with Macomb County on the process.

## Repeater Antenna Installation:

A discussion was had on finding a different tower climber other than the county. Ken/KD8RJN will contact Great Lakes Tower to see if they can perform the work.

## Swap update:

Gregg/N8GEO stated we received the \$1,710 from Knights of Columbus for the 2022 radio raffle. The money is back in the treasury. We also paid the \$50.00 for the raffle license. The tickets for the raffle at our 2023 swap meet will be ready the third week in February. A few board members will be in Florida in February at the [Orlando HamCation](#). They will purchase the Icom 7300 for the December raffle. We will have the radio and tickets ready to sell at swap meets during the year prior to our swap in December.

## Gas Cards:

The club has three \$5.00 gas cards that will be used as door prizes during future meetings.

## Hamvention Youth Forum:

We will need to discuss the youth forum funding at the next meeting to increase the amount currently in the treasury. We normally donate \$500.00 and the club will provide additional funding needed to hit that amount.

**Meeting adjourned at 8:53 PM.**

# FEBRUARY 1ST MEETING!!!

Submitted by Dennis / WC8C—Activities Manager

Last year we did a **Tips and Trick** night, which seemed really popular, so we will try this again for the February 2023 meeting.

The idea here is for members to present a short (just a couple minutes) tip, trick, or hint. When considering what to present, think about a magazine that has a reader tip or hint column. This is the type of thing we are looking for.

Topics do not necessarily need to be directly tied to Ham Radio, but should be something of interest to members. For example we have a number of members that enjoy camping, and we camp at Field Day, so a camping related topic would be good (or any topic of general interest).

You can bring in a prop to help demonstrate or show an example. We can also have a photo put up on the screen. If you want to show a photo, send it to me ahead of time so I can have them all ready to go. We don't want to try to find/download/copy photos live in the meeting.

Zoom participation is also welcome.

For a bit of a change this year, we will also do "What is it?" items. Have an obscure item? Bring it in and try to stump the members!

If you would like to present something, please [send me your topic](#).

If we have more topics than can reasonably be presented at the meeting, I will schedule another future meeting to continue.

If you can't be there, consider joining via Zoom video conferencing using the access as detailed [here](#).



**Meeting time is 7:00 PM**



## Membership Report

Welcome to new member Danny/KD8UDK!

3 more renewals in the past month, As of now our membership will decrease by 11 members if they don't renew by the February meeting.

We have 90 members: 86 regular members of whom 14 are "first year free" members, and four Life members.

John / N8FYL — 01/23/2023





## VE Test Session in December



Well, our VE test session at our swap on December 4th went very well.

Eight candidates showed up to take a test or two. It started out slow with only 3-4 people and a little after 8:30 AM we went to 8 folks. We had 3 potential hams taking their Technician exam. One passed their Technician exam but failed the attempt at General. The other two sadly failed their attempt at Technician test. We had 3 Technicians come in and two passed their General and one of those two tried the Extra and made it (boy was he surprised and happy) the other technician unfortunately failed the General. The two Generals that came in regrettably did not pass their Extra tests. So in short we had 1 new Technician, 1 new General and 1 new Extra class amateurs. Not bad for a day's work.

The team was led by Lito/K8AJJ. Lito and all of the volunteer examiners did a great job and my THANKS goes out to all.

By the way we are always looking for more volunteers to help with the VE sessions. Honestly it's not that hard to get certified by the ARRL and W5YI VEC's. Maybe an hour's worth of time. It's an open book test. If you have questions please give me a call at 586-738-2487.

73, Gregg / N8GEO



## Zoom Meeting Details for 2023



L'Anse Creuse ARC is inviting you to our scheduled Zoom meetings.

**Topic:** L'Anse Creuse ARC Monthly Meeting

**Time:** Eastern Time (US and Canada)

- Feb 1, 2023 07:00 PM
- Mar 1, 2023 07:00 PM
- Apr 5, 2023 07:00 PM
- May 3, 2023 07:00 PM
- Jun 7, 2023 07:00 PM
- Jul 5, 2023 07:00 PM (No meeting)
- Aug 2, 2023 07:00 PM (No meeting)
- Sep 6, 2023 07:00 PM
- Oct 4, 2023 07:00 PM
- Nov 1, 2023 07:00 PM
- Dec 6, 2023 07:00 PM

Please download and import the following iCalendar (.ics) files to your calendar system.

**Monthly:** <https://us06web.zoom.us/meeting/tZcrdu2rrTorEtKCZ9x5aFqGgOH00GubGDvE/ics?icsToken=98tyKuGrqDouGdeUsRGBRpwqBlj4L0nzt n5cj7d2vyW8G3VSRBLRMc1qHeJYBdr3>

**Join Zoom Meeting** (Membership & Board Meetings)

<https://us06web.zoom.us/j/83614331186?pwd=YzVIMTZVNORaeUdGMkxVWFVdpQT09>

**Meeting ID:** 836 1433 1186

**Passcode:** 379870

The **Monthly** link is to enable you to import them into your calendar if you are so inclined. **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.

## Dayton Hamvention Rooms 2023

Submitted by Ted/K8EO

We have a block of rooms reserved at:

[Holiday Inn Express South](#)

7701 Washington Village Drive

Dayton OH 45459

(937) 938 9550



The hotel is at Exit 2 off of I-675.

This is the same place we stayed last year. The procedure is exactly the same as last year. There are a lot of restaurants close by. The hotel website is: <https://www.ihg.com/holidayinnexpress/hotels/us/en/dayton/dayml/hoteldetail>.

Here's the deal: I have completed a "group sales agreement" with the facility. It is **UP TO YOU** to call and confirm a room with the hotel. They will take a room from the reservation block and put it in your name and take your payment info at that time. **YOU** are responsible to call and cancel the room should you need to. Once the room is pulled from the block it's all on you.

When you call there be certain to press 0 (Talk to the front desk). Do **not** choose option 1 (make a reservation) because you will end up talking to someone in a foreign county who will have NO clue what you are requesting.

Give the person at the front desk the dates you want to stay and mention that it's from a block of rooms "Bak Hamvention 2023".

You have until Tuesday April 18 to call there and book a room. Don't wait for the last day. If you had a room in prior year(s) you have priority. Please Note I over booked stays for Thursday night. Simply book the nights that you need. You are NOT responsible for all 3 days if you don't choose that. Note the types of rooms. The Jr. King Suite has a King Bed and a pull-out sofa sleeper. Rates are plus tax.

|                |           | Thu May 18 |          | Fri May 19 |          | Sat May 20 |          |
|----------------|-----------|------------|----------|------------|----------|------------|----------|
|                | Occupancy | Rooms      | Rate     | Rooms      | Rate     | Rooms      | Rate     |
| Run of House   | S         | 0          | \$0.00   | 0          | \$0.00   | 0          | \$0.00   |
| Double Queen   | S         | 8          | \$129.00 | 8          | \$129.00 | 8          | \$129.00 |
| Jr. King Suite | S         | 3          | \$159.00 | 3          | \$159.00 | 3          | \$159.00 |
| King           | S         | 2          | \$129.00 | 2          | \$129.00 | 2          | \$129.00 |

(The rates they gave us are discounted and the same as last year. The Hotel is already SOLD OUT)

### IMPORTANT

Please send me an email when you have booked a room indicating the type of room and which days. Additionally, if you had a room in prior years but are not going please let me know. That way if we have extra rooms one can be made available. I anticipate we might have extra rooms but unless I get accurate info we won't know. This way If you are a club member who did not have a room before we can accommodate you. I am certain we can if everyone cooperates.

TNX . Ted K8EO [Tedk8eo@gmail.com](mailto:Tedk8eo@gmail.com)



## A Year-Long Operating Event Recognizing Volunteers



As announced in the January 2023 issue of QST ([announcement link](#)), ARRL is celebrating a year-long operating event honoring all ARRL volunteers: Volunteers On the Air.

In similar fashion to the 2014 ARRL Centennial Celebration, and the 2018 International Grid Chase, this event will be exclusively driven only by QSOs uploaded to Logbook of The World (LoTW).

### Highlights of the event include:

- **Earning Points for contacting W1AW Portable Stations:** There will be week-long activations of portable W1AW/# stations in all 50 states, and in several US Possessions/Territories, that will generate on-air activity to earn points. Each state will be activated twice. The schedule of when which states will be activated as posted in the dashboard above will be updated as changes/additions occur. See the [POINTS TABLE](#) for the full list of points.
- **Contacting ARRL Volunteers or Members on the air:** ARRL Officers, Directors, Section Managers (and their appointees), Staff, and even Members domestically (and DX) can be contacted for points. See the [POINTS TABLE](#) for the full list of points.

Using Logbook of the World (LoTW – see <http://www.arrl.org/logbook-of-the-world>) as the QSOs data source, the 2023 Volunteers On The Air event features W1AW activations from all 50 states (twice) and several territories during 2023. Weeks will begin on a Wednesday and end on a Tuesday. Some weeks will be shown as off weeks to avoid other major operating events.

Participants will work W1AW portable stations and ARRL volunteers (see links in dashboard at top of this page) to earn QSO points.

Participants do not need to upload to, or participate in LoTW. Uploads to LoTW by W1AW portable stations and by the volunteers will feed the points scoring system. [Participants are not required to be ARRL Members. Even so, we encourage all Amateur Radio operators who are not members to consider joining the comradery with our 160,000+ current members. When joining, you'll discover support, inspiration, and advice to elevate your Amateur Radio experience.]

A Leaderboard will be activated after the event ramps up, and Certificates will be available during and after the event concludes. Once the year is completed, a final summary will be released.

Revisit [this page](#) regularly for updates!

This is a great opportunity to pursue a Worked All States in a year (or less) on the modes available. Since the participating stations WILL be using LoTW, you can be assured of a timely confirmation of your valid contacts. If it is anything like the 2014 centennial event, there will be lots of activity on many bands (including WARC) and 10 meters is likely to be open too! Plan your fun! 73, John / N8FYL

## Season Closer as published in the [Lake Superior Magazine](#)

Thanks to Konnie LeMay the editor of the [Lake Superior Magazine](#) and  
Scott Bjorklund of [Scotts Canal Captures](#)  
for allowing us to publish this in *The Tuned Circuit*.  
Submitted by Gregg/N8GEO



**Season Closer:** On Sunday at 11:59 p.m. (the last minute of Jan. 15) "or until commercial traffic ceases," says the [U.S. Army Corps of Engineers](#) this week, the Soo Locks will close for the winter to maritime traffic. That caveat this year for a wee bit of extra time comes along with reports that Lake Superior ports are still hopping with activity. The photo of the Poe Lock "dewatered" and under maintenance work is from a past winter by Carrie Fox. The image of Interlake Steamship Company's *Mark W. Barker*, taken by Scott Bjorklund of [Scott's Canal Captures](#) on Monday, shows the Great Lakes' newest vessel (launched in 2022) heading to the Canadian National ore dock #6 in Superior to load iron ore pellets for Cleveland. Once closed for critical maintenance, the Poe and MacArthur locks, the only two still in regular operation, will not open again until spring. The Poe will need to keep its water for some Gate 1 repair work, according to the Corps, and then will be dewatered on Feb. 13. The MacArthur will not be drained this winter. The Poe reopens by 12:01 a.m. on March 25 and the smaller, less used MacArthur will remain closed until April 24. "Federal regulation establishes the operating season based on the feasibility of vessels operating during

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typical Great Lakes ice conditions," notes the Corps. Given their druthers, of course, the Corps repair and maintenance crew would love to do its work in the warmer months, but that is when the boats must sail.

"Winter weather poses challenges and adds intensity to maintenance, the team is highly skilled and equipped to safely execute critical projects that allow for continued operational reliability," says Soo Locks Operations Manager LeighAnn Ryckeghem. For the crews on the



New Lock (yet unnamed), though, winter means a break. "The Corps of Engineers is building a second Poe-sized lock to provide much needed resiliency in the Great Lakes Navigation System," says the Corps. "The second Poe-size lock, 110-feet by 1,200-feet, is being built on the existing Davis and Sabin Locks sites. The Davis Lock, which opened in 1914, has not been used since 2018, and only to transport Corps vessels. The Sabin Lock opened in 1918 and has been inactive since 1989. Both the Sabin and Davis Locks are too shallow for most modern vessels." The contractor completed the first phase of construction, and the upstream channel deepening was completed in August. The project's second phase to stabilize the existing upstream approach walls ended its second year of work. The contractor installed 26 coffer cells, completing all 52 and placed 31,000 cubic yards of concrete. The upstream approach walls work resumes in spring. "The final phase of construction, constructing the lock chamber," adds the Corps, "was awarded July with mobilization taking place in October/November."

## Future Programs & Activities

Dennis/WC8C — Activities Manager

- |                  |  |
|------------------|--|
| February 1, 2023 | Regular membership meeting—Tips & Tricks & What is it? |
| March 1, 2023    | Regular membership meeting—Remote Operations by K8RO   |
| April 5, 2023    | Regular membership meeting                             |
| April 15, 2023   | <a href="#">Michigan QSO Party</a>                     |
| May 3, 2023      | Regular membership meeting                             |
| May 19-21, 2023  | Dayton <a href="#">Hamvention</a>                      |
| June 7, 2023     | Regular membership meeting & Fox Hunt                  |
| June 24-25, 2023 | ARRL Field Day   |

## L'Anse Creuse ARC Board Members – 2023

### President

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Analog FM

N8LC

Fusion Digital Only



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



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

## Board Meeting Time and Location

Board Meetings are held on the Wednesday after the regular membership meeting at a 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](mailto: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    |                   |        | Meeting Refreshments                                       | Russ Price<br>John Slobodnik  | N8HAR<br>N8NXW |
| ARRL VHF/UHF Awards Manager |                   |        | Membership Chairman  | John Huber                    | N8FYL          |
| Call Sign ID Tags           | Gregg Crump       | N8GEO  | TC email distribution                                      |                               |                |
| Christmas Party             | Mark Castiglione  | N8REZ  | Net Points Manager   | Tom Mathison                  | WU8C           |
| Club Apparel & Patches      | Scott Hernalsteen | W8CQD  | Net Points Upgrade Awards                                  | Clem Duval                    | W8VO           |
| Club Call Trustee - N8LC    | Marty Folz        | K8HVI  | TC Postal Distribution                                     | John Huber                    | N8FYL          |
| Code Proficiency Awards     | Vince Cuker       | WA8BIJ | Outgoing QSL Manager                                       | Dale McGorman                 | K8RO           |
| Dayton Trip                 | Gregg Crump       | N8GEO  | QSL Cards  | Dale McGorman                 | K8RO           |
| Door Prizes—Buyer           | Doug Chauvin      | N8PYN  | Swap Chairman  | Russ Price                    | N8HAR          |
| Door Prizes—Tickets         | TBD               |        | <i>Tuned Circuit</i> Editor                                | John Huber                    | N8FYL          |
| Echo Repeater Trustee       | Marty Folz        | K8HVI  | Volunteer Exams  | Gregg Crump                   | N8GEO          |
| Field Day                   | Gregg Crump       | N8GEO  | Webpage ( <a href="http://www.n8lc.org">www.n8lc.org</a> ) | Doug Chauvin                  | N8PYN          |
| Health & Welfare            |                   |        | Webpage Assistant  | Marty Folz                    | K8HVI          |
| Licensing Classes           | TBD               |        | Youth Forum (50/50)<br>[Alternate]                         | Ralph Irish<br>John Slobodnik | W8ROI<br>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. We welcome any comments, concerns, corrections, congratulations, or complaints. Please submit such communications to the [Editor](#):

John H. Huber N8FYL  
 Email: [n8fyl@arrl.net](mailto:n8fyl@arrl.net) or [editor@n8lc.org](mailto: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

The LCARC scheduled testing dates for 2023 are March 20, June 19, and September 18 which are all Mondays.

Contact Gregg Crump  
[n8geo.ham@gmail.com](mailto: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/>

## 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/>

<http://www.g4fon.net>

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



## Upcoming Swaps

### 02/11/2023 - [48th Annual Ham Radio Swap-N-Shop](#)

**Location:** Traverse City, MI

**Type:** ARRL Hamfest

**Sponsor:** Cherryland Amateur Radio Club

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

[Learn More](#)

### 02/18/2023 - [Livonia Amateur Radio Club 52nd Annual Swap & Shop](#)

**Location:** Livonia, MI

**Type:** ARRL Hamfest

**Sponsor:** Livonia Amateur Radio Club

**Website:** <https://livoniaarc.com/larc-annual-swap-and-shop/> [Learn More](#)

### 03/11/2023 - [Michigan Crossroads Hamfest & Radio Swap](#)

**Location:** Kalamazoo, MI

**Type:** ARRL Hamfest

**Sponsor:** SMARS - Southern Michigan Amateur Radio Society

**Website:** <http://w8df.com/index.php?content=hamfest>

[Learn More](#)

### 03/19/2023 - [Toledo Mobile Radio Association Hamfest and Computer Fair](#)

**Location:** Perrysburg, OH

**Type:** ARRL Hamfest

**Sponsor:** Toledo Mobile Radio Association

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

[Learn More](#)

### 03/26/2023 - [CANCELED - U.S.E.C.A. Hamfest Swap & Shop 2023](#)

### 05/06/2023 - [Wexaukee ARC Swap & Shop](#)

**Location:** Cadillac, MI

**Type:** ARRL Hamfest

**Sponsor:** Wexaukee Amateur Radio Club

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

[Learn More](#)

### 05/19-21/2023 - [Dayton Hamvention](#)

**Location:** Xenia, OH

**Type:** ARRL Hamfest

**Sponsor:** Dayton Amateur Radio Association

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

[Learn More](#)



### 09/17/2023 - [Adrian Hamfest](#)

**Location:** Adrian, MI

**Type:** ARRL Hamfest

**Sponsor:** Adrian Amateur Radio Club

**Website:** <http://w8tqe.com>

[Learn More](#)

## L'Anse Creuse Amateur Radio Club Nets

| Day      | Local Time      | Band                       | Mode                        | Frequency                                  | Net Control  | Calendar                             |
|----------|-----------------|----------------------------|-----------------------------|--|--|--------------------------------------|
| Monday   | <del>2000</del> | <del>15 M</del>            | <del>CW</del>               | <del>21.165 MHz</del>                      | QRT due to lack of participation   |                                      |
| Monday   | 2030            | 15 M                       | USB                         | 21.395 MHz                                 | Clem, W8VO   | Every Monday                         |
| Monday   | 2100            | 6 M                        | USB                         | 50.160 MHz                                 | Gregg, N8GEO   | Every Monday                         |
| Tuesday  | 2000            | <del>2 M</del><br>Internet | <del>Packet</del><br>telnet | <del>144.93 MHz</del><br>ve2har.dyndns.org | RF Net is QRT<br>Ralph, W8ROI  | Every Tuesday<br>(Connect to detqso) |
| Tuesday  | 2100            | 2 M                        | FM                          | 147.08+ MHz                                | Sterling Heights CERT<br>A LCARC sanctioned net run by the Sterling Heights CERT | 2nd Tuesday of the month             |
| Thursday | 1930            | 10 M                       | USB                         | 28.435 MHz                                 | Clem, W8VO   | Every Thursday                       |
| Thursday | 2030            | 2 M                        | FM                          | 147.08+ MHz                                | Clem, W8VO   | 1st Thursday                         |
|          |                 |                            |                             |  | Russ, N8HAR  | 2nd Thursday                         |
|          |                 |                            |                             |  | 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

\$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

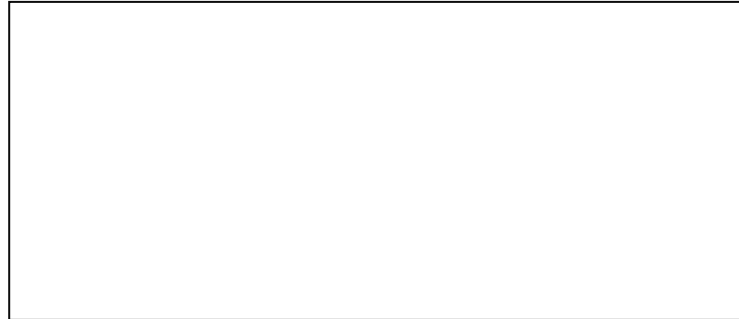
Only membership applications to go this address.. Make sure you use the full 9 digit zip code when mailing in your application.

**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

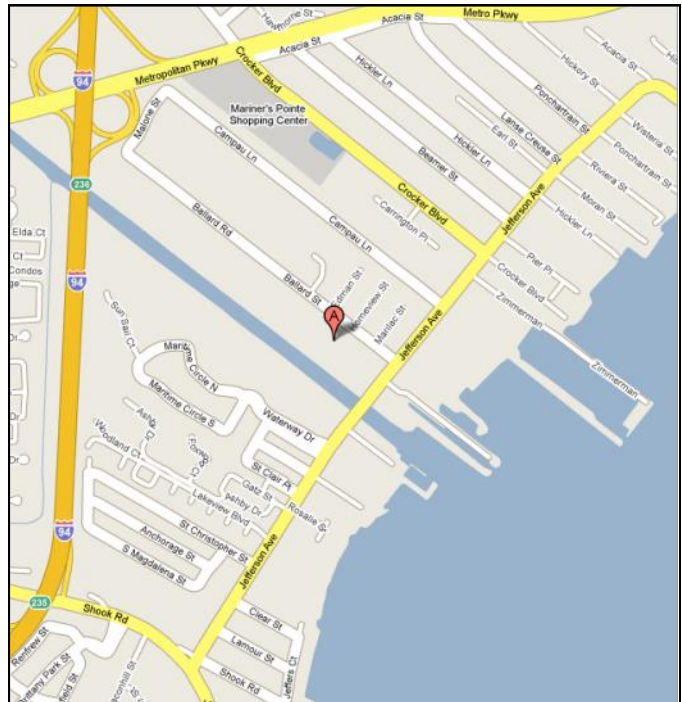
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<http://www.n8lc.org>

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