

# THE TUNED CIRCUIT

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

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**The Deadline for  
the next TC:  
Monday  
February 21st**

Next Meeting - 7:00 PM  
**February 2nd 2022** 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 will be  
on Wednesday, February 9th, 2022  
via Zoom. [Click here for details .](#)

## THE PREZ SEZ

Here it is almost February and, at least at the time I'm writing this, we have had very little snow (OK by me). Much of the rest of the country has had more than they are used to, but we have been lucky so far. I don't know about you, but to me the time keeps going by faster and faster. I guess that means that I am staying busy. I hope everyone is staying safe and well.

I hope you are reading this early enough that you still have time to come out to our Winter Field Day activity at the Tucker Senior Center. The event will take place starting Saturday January 29 and going till about 3 pm on Sunday January 30. We are not exactly sure what time we will begin on Saturday, but there was talk about some getting together for breakfast, then going over to the senior center to start setup, but it will definitely be in the morning. The actual contest starts at 2pm and runs for 24 Hrs. I really encourage everyone that can, come out for what ever time you can. It is a great time to get together and play some radio. We will be encouraging people to operate for a while. It is a very laid back contest, very relaxed. We don't care about the score we get, but how much fun we can have. Come out for an hour or the entire time. We will have probably 3 or 4 stations set up, but if you have something you would like to bring (rig, antenna or something you need help with), bring it along.

At the suggestion from John, N8FYL and others, I am trying to set up a recurring Zoom session for our Club meetings. [Click HERE for the details.](#)

If all goes to plan, at the February meeting we will have our program first (starting at 7pm) and have our business meeting afterwards. This is to facilitate our speaker to not have to wait through our business meeting.

Hope to see you at the meeting or on the Zoom.

Dale, K8RO

**The February LCARC meeting will be LIVE at the Tucker Senior Center and available via [Zoom](#) video conferencing on Wednesday, February 2nd, 2022 at 7:00 PM. [Zoom details HERE](#)**

# Report of the Secretary

Received from Ken / KD8RJN

## Meeting Call to Order:

President, Dale, K8RO, called the January 5th, 2022, LCARC general membership meeting to order at approximately 7:00PM at the Tucker Senior Center where we also had a Zoom session setup for those that could not attend in person.

**Roll Call** was taken, and we had the below persons present:

In person at Tucker Senior Center: Dale/K8RO, Marty/K8HVI, Gregg/N8GEO, Russ/N8HAR, Ken/KD8RJN, Fritz/KE8BFW, Bill/KB8WJA, Doug/N8PYN, Ralph/W8ROI, John/N8FYL, Lito/K8AJJ, Mike/N5WCS, Keith/W8KD, Dennis/WC8C, Joe/KE8SKF

Via Zoom: Dennis/N8MKG, Don/WN8IZV, Vince/WA8BIJ, Tom/WU8C

**Visitors:** None

**FCC license upgrades:** None

Mike N5WCS, made a motion to approve the prior month's (December 2021) meeting minutes as posted in the Tuned Circuit. It was seconded by Dennis WC8C. The motion was agreed to by all. Motion passed.

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

Total amount in the account is	\$7410.63
The Youth Fund has	\$79.60
The Repeater Fund has	\$874.85
Antenna Project has	\$3190.96
Total available (unallocated) is	\$3,265.32

A check was written to the Knight of Columbus for the radio raffle. The check is held by them for one month to account for the printing of tickets and the license from the state for the raffle. When the funds are returned our "Total amount available (unallocated)" is \$5,025.32

Mike/N5WCS made a motion to approve the treasurer's report. It was seconded by Russ/N8HAR. Motion passed.

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

Hazel Park is January 23 at the Framers Market in Royal Oak. [As of transcribing these minutes we received notification the Hazel Park swap has been canceled KD8RJN]. On February 26 the Livonia Swap will be in Redford. This is a Saturday swap from 9:00 AM to 1:00 PM. See the Tuned Circuit for further details on both.

**Technical Committee Report:** Doug/N8PYN

Transmitter is still having some problems. Dale/K8RO stated we do need to work on the repeater, both the 2 meter and 440. We need to fund the 440 antenna. Marty was asked to lead the investigation for an antenna/tower team to get the project moving again. Ken/KD8RJN asked if we have checked with the county about installing an antenna in Mt. Clemens on the new parking structure. Ken/KD8RJN will investigate. Dale/K8RO stated the 440 is working at this house but has limited range, and it is running Wires-X. Dale/K8RO will call some technical meetings to discuss solutions. No one has heard from the original tower climbers on completing the work. We have a lead from one company and requested a quote, but his verbal estimate was about \$2,500, just to install the antenna on the existing coax. Ted/K8EO also has some contacts that may be able to help.

Russ/N8HAR asked about an operator he heard on the repeater calling another [EchoLink](#) station. Russ wondered why he did not just call the station direct. The members think he did not have an internet connection and was using our repeater to do the contact. No one has tried it but it should be possible.

**ARRL Liaison report:** Keith/W8KD

- Boost relationships with local clubs
- Upgrade LOTW and web pages

*(Continued on page 3)*

(Continued from page 2)

- Club swaps are listed but not sure ours was.
- ARRL spent 300 hours on hurricane watch
- 21 storms were recorded of which 7 of the were considered actual hurricanes. 4 of the hurricanes were classified as major hurricanes of a Class 3 or greater.
- Second season in a row they have recorded 21 or more storms.
- They have recorded 70 billion dollars in total damage.
- The Federal Forest Service was directed by the Agriculture Improvement Act of 2018 (aka “the Farm Bill”) to start collecting fees for communication stations on federal property.
- Nothing new on license cost from the FCC.
- USECA will be doing license testing the 3<sup>rd</sup> Thursday of each month.
- Livonia will be holding testing session in January, March and May.

**Net Points:** Clem/W8VO was not here this month so John/N8FYL gave the report

Name	Points	Name	Points
Clem/W8VO	4050	Gregg/N8GEO	2100

**QSL Report:** Dale/K8RO

No update was provided this month.

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

Added 7 new members at the swap

82 members, (includes 9 first year free and 8 life members)

11 members have until February 2nd to pay their dues or be dropped from the club membership.

**Tuned Circuit:** by John/N8FYL. The January *Tuned Circuit* deadline is Monday January 24, 2022.

**Board Meeting** Dale/K8RO stated the Board meeting will be held via Zoom on Wednesday, January 12th. All members are welcome to attend.

**Coffee Break:** No break was taken so we could proceed with the White Elephant activity.

**License Testing:**

Gregg/N8GEO: Testing went well at the swap. He would like members to come out and help at our future testing sessions. Getting certified as a VE is easy using the open book test at the ARRL. Future club testing sessions will be held on 3/12/22, 6/20/22, and 9/19/22

**New Business:**

Dale/K8RO: had a card for members to sign for Ted/K8EO, who is having surgery.

Dale /K8RO: Stated we did not publish the names of the winners at the swap for the radio or the door prizes. Gregg/N8GEO stated he will try to find the names and have John/N8FYL publish them in the next *Tuned Circuit*. Russ/N8HAR will make sure we have an item in the task list for future swaps to publish the names of the winners.

Dennis/WC8C: Wants to have a Tips and Tricks item on the agenda for future meetings. Just send him an email about what topic you want to present. You can provide a video, slides, a demonstration or just talk to the item.

Gregg/N8GEO: Winter Field Day will be held at the Tucker Senior Center on January 29<sup>th</sup>. The Field Day runs from 2:00 PM on Saturday to 2:00 PM on Sunday. Setup will start at about 8:00 AM. Pot luck is always welcome but we can always order some food from local restaurants. We hope to have members come out and operate stations and get familiar with contesting and logging.

**Close Meeting:**

Mike/N5WCS: Made a motion to close the meeting and Dennis/WC8C seconded the motion. The meeting was closed at 7:55 PM.

**50/50 and Door Prize Raffle:**

The 50/50 was won by John/N8FYL who received \$9.00.

(Continued on page 4)

The Door Prize winners were:

- Lito/K8AJJ – Camping lantern
- Gregg/N8GEO - USB
- Dennis/WC8C - Ammo can
- John/N8FYL - Wire ties
- Marty/K8HVI – Battery tender

Club Presentation:

The White Elephant gift exchange took place. Many nice gifts were provided and the members had a great time.

## Touch Tones on the Repeater – Explained

Submitted by Bill / WX8Y

At the January, 2022, regular club meeting, a question was asked about having heard touch-tones after establishment of a connection to EchoLink via repeater. The following explains this succinctly.

Eastern Arizona Amateur Radio Society Inc.

Quick Start Guidelines for IRLP and EchoLink

IRLP stands for Internet Radio Linking Project. IRLP differs from EchoLink mainly in that IRLP is only connected to radio systems. Whereas EchoLink can be connected to computers and to so called smart phones. Both utilize VOIP aka Voice over Internet Protocol.

Here is a quick guide on how to utilize the IRLP or EchoLink system:

- 1) First tune your radio to one of the EAARS repeaters. [Note: this was written for Eastern Arizona ARS members, hence reference to their repeaters.] Listen for a bit to assure the system is not already in use. **Identify yourself and proceed.**
- 2) Key your microphone and send DTMF (touchtone) of the IRLP or EchoLink node you wish to connect to. After that you will hear a voice come back on the repeater station that you are connected to such and such node. NOTE: All EchoLink nodes must be prefixed by a # on keypad. IRLP just key the node number.
- 3) Complete your QSO with the distant node/station. Upon completion of your QSO disconnect by sending touch tone 73 both for IRLP and EchoLink.
- 4) Remember that you are connecting to a distant node/station via the internet. There is some delay involved. Suggest that you key microphone, pause

a second or so, then talk. Not much different that you do on this linked system. Do this on each transmission, and you probably won't cut off your first words.

5) For more detailed information on both IRLP and EchoLink go to their respective web sites.

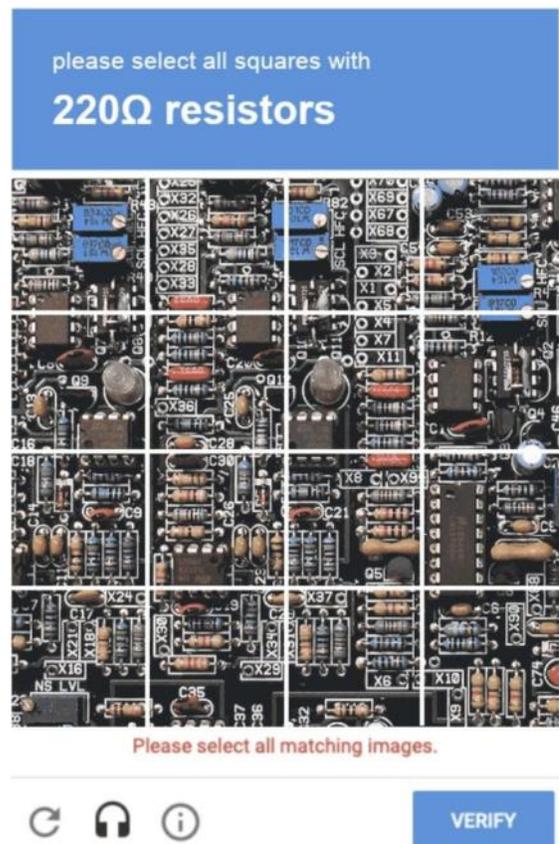
IRLP: <http://www.irlp.net>

EchoLink: [Introducing EchoLink](#)

Those ReCaptcha's are getting out of hand ;-)

Submitted by Matt / KD8LLT

Copied from [kb6nu.com](http://kb6nu.com) who reposted from [reddit](https://www.reddit.com).



# Board Meeting Minutes

Submitted by Ken, KD8RJN

## Meeting Call to Order:

The LCARC President (Dale/K8RO) called the January 12th, 2022, LCARC board meeting to order at 7:35 PM. Meeting was held via Zoom.

## Present were:

Dale/K8RO, Marty/K8HVI, Doug/N8PYN, Russ/N8HAR, Keith/W8KD, Gregg/N8GEO, Ken/KD8RJN, Ted/K8EO, Dennis/WC8C, John/N8NXW, and Vince/WA8BIJ.

The following items were discussed.

## Winter Field Day:

Gregg/N8GEO gave an overview of the plans made for Winter Field Day. The use of the building is in place from Saturday AM to Sunday afternoon. A few members are bringing antennas and a few stations. We need operators to help make the day a success.

Dale/K8RO is planning on attending and Ken/KD8RJN will be there in the AM with donuts and the generator. If anyone is bringing food they should coordinate with Gregg/N8GEO. If pot luck food is limited we may plan on going to breakfast and get food later in the day at a local establishment.

Need to know who will be spending the night. Please coordinate your overall plans for the field day with Gregg/N8GEO.

## Macomb Community College tower:

It was decided that the contractor will take the antenna, rotor and tower down. If anyone wants any of the items or parts they should coordinate with John/N8NXW to find out the date to come to the college and pick up the items. If you are not there when the items are ready, the contractor will be asked to scrap anything that remains.

## Sterling Heights Repeater and Tower:

Ted/K8EO is planning to touch base with Great Lakes Tower to see if they can provide Marty/K8HVI a new quote. We will also ask for an estimate from Thumb Radio.

Dale/K8RO received a quote from one company but it only included the 450 MHz antenna.

Marty/K8HVI will take the lead to review the original task list and provide any updates. He will

provide the list to the companies to get new or updated quotes.

Ken/KD8RJN contacted Macomb County, but so far has been unable to get a contact for the club to install an antenna on county property.

## Donation of Equipment to the Club:

Dale/K8RO received a list of items from Bob/WB8ILI that he will donate to the club. Dale/K8RO agreed to take the items and get whatever we can, and the money will go to the club treasury.

## Zoom Subscription:

John/N8FYL had contacted Dale/K8RO about getting the club a Zoom subscription. The cost is \$175.00 per year. It was discussed and decided not to get a subscription at this time.

Dale/K8RO will get one meeting I/D to use for the club and board meeting. If Zoom begins limiting our use in the future the subscription will be re-evaluated.

## Program for February Club Meeting:

Dennis/WC8C contacted Bill, the host of the Solder Smoke Podcast. He will present Home Brewing Equipment at the February meeting. We will begin the presentation at the start of the meeting so Bill will not have to sit through the business portion.

## Discussion/Review of Sync file sharing:

Dale/K8RO stated all members that need access to the shared files should have access. He recommended not syncing all files due to the size of what is out there.

## Dayton Hotel:

Ted/K8EO stated he sent John/N8FYL the information for the hotel reservations in Dayton. All information will be in the Tuned Circuit.

**Club Insurance Payment:** Gregg/N8GEO stated he paid the insurance, and the cost has not increased.

## Hazel Park Swap:

It was discussed that it would have been nice to see their location in action to see if it would work for our swap. Russ/N8HAR will check back with our prior location in Madison Heights to see if they will be opening back up.

**Meeting adjourned at 8:38 PM.**

# FEBRUARY 2ND MEETING IN PERSON!!!

Submitted by Dennis / WC8C—Activities Manager

There will be a [video program](#) about splatter and adjusting your radio to avoid it and how to make adjustments on a IC 705 **unless** Bill/N2CQR, the host of the Solder Smoke Podcast, confirms his availability to talk about Home Brewing. If Bill is the program, we will begin the presentation at the start of the meeting so Bill does not have to sit through the business portion.



**Meeting time is 7:00 PM**



## Membership Report

Per an email from Bill (formerly KB8WJA) I have updated our records with his new call, WX8Y.

We have 82 members: 74 regular members, 9 “first year free” members, and eight Life members.

11 reminders were sent out on January 18. If you are one of the remaining 8 who have not renewed by the end of the February meeting you will be removed from the club rolls.

John / N8FYL – 01/24/2022



## Zoom Meeting Details



Dale McGorman is inviting you to a scheduled Zoom meeting.

**Topic:** LCARC Club Meeting

**Time:** Feb 2, 2022 07:00 PM Eastern Time (US and Canada)

Every month on the First Wed, until Dec 7, 2022, 11 occurrence(s)

Feb 2, 2022 07:00 PM

Mar 2, 2022 07:00 PM

Apr 6, 2022 07:00 PM

May 4, 2022 07:00 PM

Jun 1, 2022 07:00 PM

Jul 6, 2022 07:00 PM

Aug 3, 2022 07:00 PM

Sep 7, 2022 07:00 PM

Oct 5, 2022 07:00 PM

Nov 2, 2022 07:00 PM

Dec 7, 2022 07:00 PM

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

**Monthly:** [https://us04web.zoom.us/meeting/upYufuCvqz0oG9d00ltr7tsbFOeoNqovelOh/ics?icsToken=98tyKu6qrTljHdGTshiER7YQA4r4Xe3wmCFBjfpZzE\\_pFzIEdhDOEM1HPZxuH87V](https://us04web.zoom.us/meeting/upYufuCvqz0oG9d00ltr7tsbFOeoNqovelOh/ics?icsToken=98tyKu6qrTljHdGTshiER7YQA4r4Xe3wmCFBjfpZzE_pFzIEdhDOEM1HPZxuH87V)

**Join Zoom Meeting**

<https://us04web.zoom.us/j/72399756213?pwd=f-U40lfrRV1S4NYAv3zI5mQthbj8N3.1>

**Meeting ID:** 723 9975 6213

**Passcode:** RJP4Zx

The first link is to enable you to import them into your calendar if you are so inclined. The second one 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 2022

Submitted by Ted/K8EO

As of this moment Hamvention is still on for 2022.

We have a block of rooms reserved at:

[Holiday Inn Express South](#)

7701 Washington Village Drive

Dayton Oh 45459.

(937) 938 9550



It's at Exit 2 off I-675. I have stayed there several times and every time I found it more than acceptable. Lots of restaurants close by. The Green County Fairgrounds are about 20 miles away. Their 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 "Bak Hamvention 2022" reservation block and put it in your name and take your payment information 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 with an agent in a call center which might be off-shore.

Give the person at the front desk the dates you want to stay and mention that its from a block of rooms "Bak Hamvention 2022".

You have until Wednesday April 20 to call down 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. NO problem 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 19		Fri May 20		Sat May 21	
	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. For example, The AAA/Senior rate for the double queen is \$161.00)

### IMPORTANT

Please send me an [email](#) when you have booked a room indicating 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)

## Youth Forum Information—Award/Contest Updates

Provided by Carole Perry/WB2MGP on 1/13/22 via Gregg/N8GEO

Hi and Happy New Year to All,

Please extend my best wishes to your club members for a healthy and happy 2022!

Just in case you thought I might be swinging in a hammock somewhere this past year; (hi hi) I am attaching 2 contests which help support educators in radio and encourage young hams to be involved in volunteerism.

The CP Educator of the Year award will be presented at [Hamcation](#) next month to a retired principal from the Netherlands. The applications to nominate an educator for this award go on the Hamcation website in October.

Please help me publicize the "Young Ham Lends a Hand" contest now. Applications must be submitted to me by April 1st.

As always, I remain very appreciative of L'Anse Creuse support for Youth Activities for the past many years.

Be well and stay safe until we meet (hopefully) again in May.

If any club members are ever at an event where I am moderating a Youth Forum, please encourage them to come forward so I can publicly thank them.

Thanks, and 73,

Carole Perry WB2MGP

FOR RELEASE

January 6, 2022

Dick Fijlstra named Recipient of 2022 Carole Perry Educator of the Year Award Announced



[HamCation](#) is excited to announce Dick Fijlstra, PAODFN as the 2022 recipient of the Carole Perry Educator of the Year Award. This award is bestowed upon an individual who has made an outstanding contribution educating and advancing youth in Amateur Radio. It was first awarded in 2018 to its namesake, Carole Perry, WB2MGP, in honor of her work as an educator teaching students about ham radio.

Dick is our first international winner of the Carole Perry Educator of the Year Award. Dick is a Dutch native and a retired principal. He has been working for years to reach youth with the latest technology to connect them to Ham Radio, He has an Extra Class license for over forty years. At Ham events he is helping young kids merge and solder radio parts as small learning projects. He guides groups of other hams to assist the youth to finish the projects the right way.

He is also the organizer of international school projects: Communication Helps International Progress Participating schools in the Netherlands, Belgium, France, Portugal, Hungary, Latvia, Sweden, Denmark, England, and Ukraine.

Dick is also the Dutch representative of the VERON (the national organization of Ham Operators) in the Region I IARU ARDF committee (Amateur Radio Direction Finding). This group is focused on the European Youth ARDF Championships on Fox hunting for teens from fourteen to nineteen years old.

Orlando [HamCation](#) has been sponsored by the Orlando Amateur Radio Club since 1946 which is held annually on the second weekend of February, HamCation has grown to become the second largest hamfest in the world, Attendance has grown an average of 1500 people for the past 8 years, with last year's event having 24,200 attendees. HamCation 2022 is February 11-13, 2022,

## Young Ham Lends a Hand Contest - 2022



**Carole Perry, WB2MGP**  
Director RCA, Youth Activities



We want to reward a young ham who has volunteered to help an elderly person, a military person, his or her community somehow, or a young ham actively involved with recruiting other young people into ham radio. There's no red tape; it's just me and my RCA Youth Activities evaluating the application forms. You will smile to know that we have had high caliber and terrific young hams who get nominated every year.

I am still accepting nominees for this contest to encourage volunteerism in our young hams. Forms may be submitted up until April 1st. **The winner is usually announced at the Hamvention® Youth Forum.** A \$100 stipend is awarded to the winner.

This is sponsored by RCA and QCWA. Please contact me with any questions. All forms should be submitted to: [wb2mgp@gmail.com](mailto:wb2mgp@gmail.com)

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**Young Ham Lends a Hand Contest**  
Carole Perry WB2MGP [wb2mgp@gmail.com](mailto:wb2mgp@gmail.com)

Please fill in the following requests for information about your nominee for this year's contest.

Information about your nominee:

- Name and call sign
- Age
- Address
- Home Number and Cell number

Please fill in YOUR name, relationship to the candidate and contact info.

Please describe reasons why this nominee is deserving of the award that looks for a young ham who gives back to the community by participating and helping in local events, assisting the elderly, assisting military personnel, or is instrumental in recruitment and/or training of more young hams.

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### Youth Activities Program

The Youth Activities program is chaired by RCA Director Carole Perry WB2MGP and has Richard Somers, Stan Reubenstein, Gordon West and Charles Kirmuss as committee members.

A major event for the committee is to moderate and to sponsor the annual Dayton Youth Forum where RCA Young Achievers, age 18 and below, give presentations highlighting their technical abilities and enjoyment of radio.

The RCA Young Achiever is a youngster 18 and below who has demonstrated technical excellence and creativity in wireless communications. We are always interested in receiving nominations for these talented young people. Please contact Carole at [wb2mgp@gmail.com](mailto:wb2mgp@gmail.com) to nominate someone as a Dayton Hamvention® presenter or as a student deserving the RCA Young Achiever award.

We are also always interested in supporting schools, scout groups, and museums that incorporate radio/technology in their programs. Support can be in the form of books, equipment, or curriculum. Please contact Carole at [wb2mgp@gmail.com](mailto:wb2mgp@gmail.com) for further information.

The Youth Activities members travel across the country to speak at radio conventions, to moderate Youth Forums, and to vet large organizations enlisting our help in motivating and supporting young hams and in introducing wireless technology to school curriculum.

Tax deductible donations specifically to RCA Youth Activities can be made through the Richard G. Somers Youth Scholarship Fund. Please contact Carole at [wb2mgp@gmail.com](mailto:wb2mgp@gmail.com) for further information.



# HAMFEST 2022

## TOLEDO MOBILE RADIO ASSOCIATION

TMRA's 65<sup>th</sup> Hamfest - Radios/Computers/Electronics

Sunday March 20<sup>th</sup> 8:00 am - 2:00 pm

Owens Community College

Student Health and Activity Center (SHAC)

30335 Oregon Road, Perrysburg, OH 43551

GPS N 41° 35.575' W 83° 32.051' Talk-in: 147.27+ (PL 103.5)

**On Campus Parking is FREE and Adjacent to the Hamfest Building – the SHAC – on the EAST side of Oregon Road**

This Huge Hamfest is Indoors and Security is Provided.

Tables are \$20.00 (floor) \$25.00 (wall) - free electric hook-up

All admission tickets are \$10.00  
(Children 12 years old and under – FREE)

TABLE APPLICATION FORMS CAN BE DOWN LOADED FROM OUR WEBSITE

VE TESTING: CHECK OUR WEBSITE FOR INFORMATION

FORUMS: CHECK OUR WEBSITE FOR TOPICS AND SPEAKERS

[www.tmrhamradio.org](http://www.tmrhamradio.org)

SEND REQUEST FOR TABLE APPLICATION FORM and/or TICKETS TO

TMRA, P.O. BOX 9673, TOLEDO, OH 43697-9673

Please include a SASE if just for tickets

### PRIZE DRAWINGS

9:30, 10:00, 10:30, 11:00, 11:30 & NOON - \$50.00 CASH PRIZE (MUST BE PRESENT TO WIN)

ALSO: drawn with the 9:30 am to NOON cash prizes - vendor-donated door prizes & ARRL Gift Certificates (must be present to win). TMRA greatly appreciates their support and donations

# Livonia Amateur Radio Club

51st

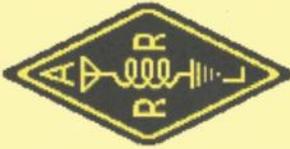
Talk-in 100 PL  
145.35 with Simplex  
or 146.52

GREAT  
VENDOR  
ACCESS

ANNUAL

# SWAP-IN-SHOP

Buy and Sell Amateur Radio  
Gear, Computers, or  
Electronic Test Equipment



\*NEW LOCATION\*

VFW Post 345  
27345 Schoolcraft Rd.  
Redford, MI

Livonia ARC  
P.O. Box 51532  
Livonia, MI 48151-0532  
livoniaarc.com

- \*Lots of Tables  
(8' tables for \$20 each)
- \*Tickets - \$5.00
- \*Door Prizes
- \*Food Concession

Call (734) 941-5043

or e-mail us at [swap@livoniaarc.com](mailto:swap@livoniaarc.com)

**Saturday February 26, 2022 9:00am - 1:00pm**

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

## Member Input Needed for March Meeting Program!

Dennis / WC8C—Activities Manager

As I mentioned at the January meeting, I would like to do a member tips and tricks night for the March meeting.

The idea here is for members to present a short (less than 5 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 things I am 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 fine.

You can bring in a prop to help demonstrate or show an example. We can also have a photo displayed on the video screen, however if you want to show a photo, you must send it to me ahead of time so I can have it ready to go . We will not try to find/download/copy photos live in the meeting.

If you would like to present something, please send your topic (and optional photo) to me by Feb 25, 2022 at [wc8c@arrl.net](mailto:wc8c@arrl.net)

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

—  
Dennis WC8C

## Future Programs & Activities

Dennis/WC8C — Activities Manager

- January 29&30, 2022 [Winter Field Day](#)—N8LC at Tucker Senior Center
- February 2, 2022 Regular meeting night—Home Brewing or a video
- March 21, 2020 Volunteer Examiner (VE) session at Tucker Senior Center
- March 2, 2022 Regular meeting night: Tips & Tricks Night ???
- April 6, 2022 Regular meeting night
- April 16, 2022 [Michigan QSO Party](#) (Yeah, it's the Saturday before Easter again this year. ☺ )
- May 4, 2022 Regular Meeting night
- May 20-22, 2022 [Hamvention!](#) (Unless that blasted Covid-19 gets in the way again)
- June 1 , 2022 Regular Meeting and probable Fox Hunt!
- June 20, 2022 Volunteer Examiner (VE) session at Tucker Senior Center
- June 25-26, 2022 ARRL Field Day

## L'Anse Creuse ARC Board Members – 2022

### President

Dale McGorman, K8RO  
2855 Norton Lawn  
Rochester Hills, MI 48307-4431  
248-852-9130  
[k8ro@arrl.net](mailto:k8ro@arrl.net)

### Treasurer

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29729 South River Rd  
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586 738-2487  
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### Past President

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### VP and President-Elect

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### ARRL Liaison

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Clinton Twp, MI 48036-2103  
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### Technical Officer

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[n8pyn@yahoo.com](mailto:n8pyn@yahoo.com)

### Secretary

Ken Janicki, KD8RJN  
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Macomb, MI 48042-6188  
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[kenjanicki@comcast.net](mailto:kenjanicki@comcast.net)

### Activities Manager

Dennis Cabell, WC8C  
36203 Pickwick Ct  
Sterling Heights, MI 48310-4640  
586-604-8569  
[wc8c@arrl.net](mailto:wc8c@arrl.net)

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 at 7 pm on the Wednesday after the regular membership meeting. Board meetings will be held via Zoom video conferencing. [Click here for the Zoom details](#). All club members are welcome to attend. 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 SK**

**Club Committee Chairmen**

ARRL HF Awards Manager			Little Bay Awards	Dale McGorman	K8RO
ARRL HF Awards Assistant			Meeting Refreshments	Russ Price	N8HAR
ARRL VHF/UHF Awards Manager			Membership Chairman	John Slobodnik	N8NXW
Call Sign ID Tags	Gregg Crump	N8GEO	TC email distribution	John Huber	N8FYL
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://n8lc.org">n8lc.org</a> )	Doug Chauvin	N8PYN
Health & Welfare			Webpage Assistant	Marty Folz	K8HVI
Licensing Classes	TBD		Youth Forum (50/50) [Alternate]	Ralph Irish	W8ROI
				John Slobodnik	N8NXW

***The Tuned Circuit***

This publication of the L'Anse Creuse Amateur Radio Club is issued for the months of September through June of each year. *The Tuned Circuit* has been formatted to be read easily with any reader programs for our visually impaired readers; however, an audio 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](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

LCARC has scheduled 2022 VE sessions at the Tucker Senior Center on March 21, June 20, and September 19. Doors open at 6 PM, and testing begins at 6:30 PM. Contact Gregg Crump [n8geo.ham@gmail.com](mailto:n8geo.ham@gmail.com)

=====  
The current COVID-19 pandemic situation has disrupted many of the regular VE testing sessions. There ARE some 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. When I did it with Zip 48045 (the zip code for the Tucker Senior Center), and a "within 50 miles", it reported a number of sessions spanning the time until a year from now.

## 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.pdarrrl.org/k6rau/>

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

<http://morsecodemasters.com/trainer/Examples/hct.html>



## Upcoming Swaps

### 02/12/2022 - [Cherryland Amateur Radio Club 48th Annual Swap-N-Shop](#)

**Location:** Traverse City, MI

**Type:** ARRL Hamfest

**Sponsor:** Cherryland Amateur Radio Club

**Website:** <http://www.CherrylandARC.com>

[Learn More](#)

### 02/26/2022 - [Livonia Amateur Radio Club 51st Annual Swap & Shop](#)

**Location:** VFW Post 345 , 27345 Schoolcraft Rd., Redford, MI 48239

**Type:** ARRL Hamfest

**Sponsor:** Livonia Amateur Radio Club

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

### 03/19/2022 - [Michigan Crossroads Hamfest & Radio Swap](#)

**Location:** Kalamazoo, MI

**Type:** ARRL Hamfest

**Sponsor:** Southern Michigan Amateur Radio Society

**Website:** <http://w8df.com>

[Learn More](#)

### 03/20/2022 - [Toledo Mobile Radio Association Hamfest and Computer Fair](#)

**Location:** Perrysburg, OH

**Type:** ARRL Hamfest

**Sponsor:** Toledo Mobile Radio Association

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

[Learn More](#)

### 05/07/2022 - [Wexaukee ARC Cadillac Hamfest](#)

**Location:** Cadillac, MI

**Type:** ARRL Hamfest

**Sponsor:** Wexaukee Amateur Radio Club

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

[Learn More](#)

### 05/20-22/2022 - [Dayton Hamvention](#)

**Location:** Xenia, OH

**Type:** ARRL Hamfest

**Sponsor:** Dayton Amateur Radio Association

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

[Learn More](#)

And for those NOT going to Hamvention ...

### 05/21/2022 - [GMARC Trunk Swap](#)

**Location:** Shelby Township, MI

**Type:** ARRL Hamfest

**Sponsor:** GM Amateur Radio Club

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

[Learn More](#)

## L'Anse Creuse Amateur Radio Club Nets

Day	Local Time	Band	Mode	Frequency	Net Control	Calendar
Monday	2000	15 M	CW	21.165 MHz	Clem, W8VO	Every Monday
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> Internet	<del>Packet</del> telnet	<del>144.93 MHz</del> ve2har.dyndns.org	RF Net is QRT Ralph, W8ROI	Every Tuesday (Connect to detqso)
Tuesday	2100	2 M	FM	147.08+ MHz	Sterling Heights CERT	2nd Tuesday of the month A LCARC sanctioned net run by the Sterling Heights CERT
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

\_\_\_ \$10.00 Print and Mail me *The Tuned Circuit* via US Mail

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

\_\_\_ 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.

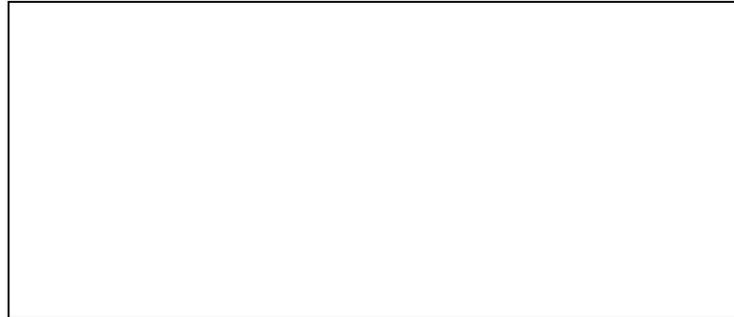
**Treasurers Box**  
Date Paid: \_\_\_\_\_  
Amount: \_\_\_\_\_  
Initials: \_\_\_\_\_

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 )

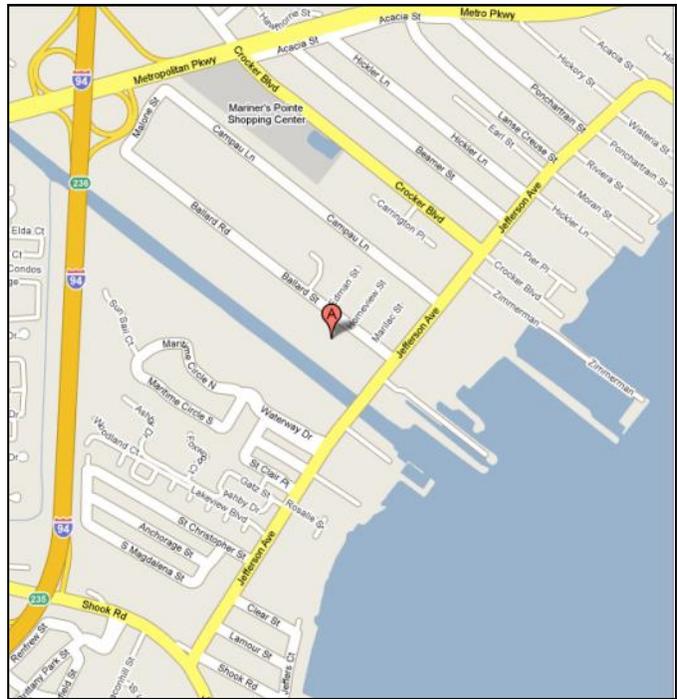
***The Tuned Circuit***  
**Monthly Bulletin of the**  
**L'Anse Creuse Amateur Radio Club**  
29729 South River Rd  
Harrison Twp, MI 48045-3030

First Class  
Postage  
+ Extra  
Ounce



<http://www.n8lc.org>

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