

# THE TUNED CIRCUIT

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

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**The Deadline for  
the Next TC:  
Monday  
December 27th**

Next Meeting - 7:00 PM  
December 1st 2021 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 5!](#)

The NEXT board meeting will be  
on Wednesday, January 12th, 2022  
or as announced, perhaps via e-  
mail or the groups.io reflector.

## THE EDITOR SEZ

The December 1st 2021 general membership meeting will again be **IN PERSON** at the Tucker Senior Center, and the meeting will be accessible via [Zoom video conferencing](#).

Free Zoom meetings usually have a 45 minute limit. If the Zoom session does cut off, you should try reconnecting to the same meeting link.

### Zoom Invitation Details:

Topic: December LCARC Meeting

Time: Dec 1, 2021 07:00 PM Eastern Time (US and Canada)

Join Zoom Meeting

<https://us04web.zoom.us/j/78147911531?pwd=SHdHM1FaM0FFMGhJSXZMZ0Q1QWo2Zz09>

Meeting ID: 781 4791 1531

Passcode: u68n1e

The December LCARC meeting will be **LIVE** at the Tucker Senior Center and available via [Zoom](#) video conferencing on Wednesday, December 1st, 2021 at 7:00 PM.

## Report of the Secretary

Received from Marty / K8HVI on 11/24/2021 at 02:18 AM

### Meeting Call to Order:

The President, John/N8NXW, called the November 3rd, 2021, LCARC general membership meeting to order at approximately 7:00PM at the Tucker Senior Center (where we also had a Zoom meeting session setup for those that couldn't come in person).

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

In person at Tucker Senior Center: Dale/K8RO, Marty/K8HVI, John/N8FYL, Doug/N8PYN, Don/WN8IZV, Rick/K8RWM, Bill/K8WWH, Clem/W8VO, Joe/KE8SKF, Dennis/WC8C, Lito/K8AJJ, Mike/N5WCS, Keith/W8KD, Mark/N8REZ, Ken/KD8RJN, Fritz/KE8BFW, Russ/N8HAR, Gregg/N8GEO, John/N8NXW

Via Zoom: Bob/KA8VSI, Dave/N6WY, Chris/KE8SXT, Henry/N8AT, Tom/WU8C

Visitors: Dennis/N8MKG

FCC license upgrades: None

Ken/KD8RJN made a motion to approve the prior month's (October 2021) meeting minutes as posted in *The Tuned Circuit*. It was seconded by Dale/K8RO. The motion was agreed to by all except Mark/N8REZ. Motion passed.

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

Total amount in the account is	\$5,994.08
The Youth Fund has	\$49.50
The Repeater Fund has	\$874.85
The Repeater Project has	\$3,190.96
Total amount available (unallocated) is	\$1,878.77

The Repeater Fund decreased this month due to purchase of two switching power supplies for the repeater.

John/N8NXW made a motion to approve the Treasurer's Report. It was seconded by Marty/K8HVI. Motion passed.

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

At our club swap on Dec. 5th, and the Hazel Park Swap on January 23, 2022

### Technical Committee Report: Doug/N8PYN

Doug/N8PYN acknowledged that the repeater is making some noises. They are working to identify the cause. Believe it may be DTE causing it. Dale/K8RO worked at installing the new switching power

(Continued on page 3)

(Continued from page 2)

supplies. There were some issues that still need to be resolved in getting them to work correctly in line with the repeater. Will schedule a future tech session.

**ARRL Liaison report: Keith/W8KD**

Keith stated he completed the ARRL Special Service Club status paperwork. It will now go out for approval from the Michigan and the Great Lakes officials.

Noted that the ARRL Scholarship application period is from Nov. 1st to Dec. 31st. If you know of any licensed youths that could benefit from this let them know. There are 130 scholarships available.

November Sweepstakes is coming up. CW is Nov 13th weekend, and Phone is Nov. 20th weekend.

ARRL ham fests listing includes our club's and Hazel Park's on January 23rd (believe it could be at Royal Oak Farmers Market, stay tuned)

**Net Points: Clem/W8VO**

Name	Points	Name	Points	Name	Points
Gregg/N8GEO	2050	Lito/K8AJJ	200	Tom/WU8C	1530
Ralph/W8ROI	1250				

**QSL Report: Dale/K8RO**

We had a light month. Only had 12 QSLs received. One of these will be rejected because they said they contacted the club for the CQ Worldwide contest.

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

74 members, (includes 3 first year free and 8 life members)

77% have renewed their club membership so far.

The December *Tuned Circuit* deadline is Nov. 22, 2021.

Reminder, yearly club dues are due. Gregg is taking money for memberships during this club meeting.

Gregg reiterated that everyone should try to submit articles for *The Tuned Circuit*.

**Old Business:**

Dale/K8RO stated that we will have annual elections at the December meeting.

Marty/K8HVI is nominated for Vice President.

We will need a new Secretary [ to replace K8HVI ].

(Continued on page 4)

Also, need an Activity Manager to run the programs presented to the club. Dennis/WC8C volunteered for this position.

Gregg/N8GEO stated that he has HF Radio raffle tickets available tonight to purchase.

Gregg/N8GEO stated we need someone tonight to man the 50/50 Youth Forum.

Gregg/N8GEO stated he is still working with the Civil Air Patrol to see what help they might need to help get the cadets amateur radio licenses. Will need to do some more follow up with them on what they want and what we can do.

John/N8NXW brought up that the college wanted to know if the club is wanting to help take down tower (40 or 50ft tall) and antennas that are installed there. Gregg stated he will check to see if our club insurance will cover us doing this type of work at the college.

John/N8NXW stated the next board meeting will be Wednesday, Nov. 10 at 7:30pm. Meeting will be in person at Roseann's Kitchen Cafe (15 Mile and Gratiot) and all are invited to attend.

Mark/N8REZ reminded us that the club Christmas Party will be at Penne Lane restaurant on Wednesday December. 8<sup>th</sup>. \$25 per person. You will pay at the door. Dress code is business casual.

**Coffee Break:** Everyone took a 15 minute break at 8:08 PM.

**Swap Report:** Russ/N8HAR

There are 26 tables sold so far. Said we are on par for pre-event table sales from prior swaps. Got our swap flyer put into the USECA newsletter. Russ/N8HAR, Mark/N8REZ, Gregg/N8GEO, and Dale/K8RO did another visit to the swap location during a card show (they charge \$60 per table). The venue looks like it will work well.

**New Business:**

Gregg/N8GEO stated we have the Tucker Senior Center reserved for our club to operate Winter Field Day (Jan. 29th weekend). We need more people to show up and operate. All are invited and encouraged to come and operate in the contest. Also, if someone wants to put up their antenna and/or HF station, all are welcome.

We had door prizes and 50/50 drawing today.

**Close Meeting:**

Tom/WU8C made a motion to close the meeting. It was seconded by Marty/K8HVI. Motion passed Meeting closed at 8:39pm.

**Club Presentation:**

ARRL's Sweepstakes Contest Explained (video presentation <https://www.youtube.com/watch?v=89cYcbQPNOQ>)

# Board Meeting Minutes

Submitted by Marty, K8HVI

Received by the Editor on 11/23/21 at 01:28 AM

The LCARC President (John/N8NXW) called the November 10th, 2021 LCARC Board Meeting to order at 7:58 PM. Meeting was held in person at Roseann's Kitchen Cafe.

Present were

John/N8NXW, Dale/K8RO, Doug/N8PYN, Cathy/KC8WNL, Russ/N8HAR, Keith/W8KD, Dennis/WC8C and Gregg/N8GEO.

Russ updated us on the Swap. 33 tables have been paid for so far. Gregg stated that Mark/N8REZ is in good shape getting everything he needs for the concessions. Russ still has some soft drinks at his house to add to the concessions inventory. Dale stated they will have a tech session coming up and can get all the swap stuff stored there inventoried. Russ brought up that we might need to take money back out of the repeater project if the swap turns out to be a loss. Most board members believe we should be fine and if needed, we will be able to pay the bills for the swap. Lastly, Russ brought up he has swap flyers to take and put out and about to advertise.

Gregg stated he is still working with the Civil Air Patrol to see what needs that they might have and if we are able to help them.

Dale said at the upcoming Tech Session they will get the repeater ready for winter. Install heaters and the insulation blanket. Also, working on the power supply upgrades to the new ones.

Gregg brought up that more people need to try to send in content to the Tuned Circuit to help John/N8FYL with articles he can publish that he doesn't have to personally go and source.

Marty updated on the repeater antenna project status. Still nothing new on getting a company to finish the work. The current vendor is still MIA [Ed. Missing In Action]. He has not followed up on his

prior statement that he would help get us connected with a vendor that could do the work.

John/N8NXW brought up the antennas and tower at the college. Gregg said that he checked with our insurance and they said we are not covered to take the tower down for the college. Also, does the club even have a plan for the antennas and/or the tower? Where would we even put it? How will it get moved (trailers & manpower)? John will circle back with the college and update us next month.

Dennis asked if we will need a program for the December club meeting. We agreed that he could get a short program. He will try to get a 25 minute presentation on Smith charts. Dale asked Dennis to send a note to John/N8FYL to inform the club about the December program in the Tuned Circuit.

Dale brought up our club e-storage research on using Sync. We are still experimenting with it.

Dale brought up that we still need a club Secretary for next year.

Dale stated this year's Christmas Party will be at Penne Lane on December 8th. They will be collecting money at the door (\$25 per person). (no advance ticket purchases)

Russ asked Gregg to send in an updated testing dates pdf for the club website. The dates out there now are old. [Editor: the website was updated on November 18th.]

Russ stated we will need vendor direction signs outside at the swap. Also, will need a person to man the door outside to control the vendor parking so it doesn't get clogged. We still don't know yet if we will have access on Saturday for setup. Timing for this is still to be determined.

Meeting adjourned at 8:50pm.

## DECEMBER **1ST** MEETING **IN PERSON!!!**

The December membership meeting will be in person with Zoom video conferencing access. See the Zoom details in [The Editor Sez on page 1](#).

**AFTER** we have our annual elections and the final planning for the swap, the program will be "Basics of the Smith Chart - Intro, impedance, VSWR, transmission lines, matching". A video (<https://youtu.be/TsXd6GktIYQ>) will be part of the program.



**Meeting time is 7:00 PM**



### Membership Report

Dennis/N8MKG arrived at the November meeting as a visitor and left as our newest member! Welcome Dennis! We are now 75 members strong: 63 regular members, 4 "first year free" members, and eight Life members.

80% of the membership (53 of 66 people) have renewed for another year. If you are one of the remaining 13, your dues are due now.

John / N8FYL – 11/23/2021



## **L'Anse Creuse Amateur Radio Club**

### **48th Annual Swap & Shop**

**SUNDAY, SUNDAY, SUNDAY!**

**DECEMBER 5, 2021**

**See the flyer HERE**

Rull/N8HAR should have flyers available at the December meeting,

From the [cq-contest@contesting.com](mailto:cq-contest@contesting.com) 16 Nov 2021:

Speaking of UP, this is a true story that goes back about 20 years:

There was a sizable pileup on 40m CW and the DX wasn't working split. At one point, he sent "2UP?" The pileup QSYed, I called again on frequency and he came right back to me.

Barry W2UP

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## LCARC December 5th Swap – Update and Call for Volunteers

Submitted by Russ/N8HAR on November 18, 2021

Sunday, December 5th is fast approaching. This is the date for the LCARC swap and shop at our new location.

Unfortunately, as I am writing this article, I still do not have a Saturday setup time known to me. As soon as I know the time, I will send an update to the membership.

I have folks who have volunteered their time at door ticket sales, radio raffle ticket sales, food service/café sales, talk-in, VE test sessions, vendor intake, etc.

I have a few positions I need to fill. I need

- ◆ someone to handle the hourly door prize announcements
- ◆ a person who can help in the parking lot the morning of the swap to direct the vendors in parking.

If you can help in any of these areas, please see me at the club meeting on December 1, or you can call me at 586-246-0161 or email me at [n8har1977@gmail.com](mailto:n8har1977@gmail.com)

We will have our membership meeting to discuss any further details/questions regarding the Sunday Swap.

Thanks.

73, Russ/N8HAR LCARC Swap Chairman

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## For Sale MOBILE HF ANTENNAE & Hardware

PRE-SWAP AVAILABILITY-

Many HF mobile antennas—10, 15, 20, 40, and 75/80 meter Hamsticks; also a 3 magnet roof mount with 2 other Hamsticks. Additionally, a “Screwdriver” mobile mount. Other miscellaneous hardware items related to installation and use of these items. I will sell parts or all of this good gear. Asking \$75 for the lot, or ????. I am unable to get to the swap, so please contact me if interested.

Ted NW8W [nw8w@arrl.net](mailto:nw8w@arrl.net) 248 647 1628

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## Winter Field Day (WFD) 2022

As you may have read in the November meeting minutes, Gregg/N8GEO has again secured use of the Tucker Senior Center for the club to operate Winter Field Day 2022. 1900 UTC Saturday January 29th to 1900 UTC Sunday. That translates to 2 PM EST Saturday, to 2 PM Sunday.

There are a some rule changes for 2022:

- Power is limited to 100 watts,
- lower Bonus points,
- NO paper logs in 2022.

Make some plans to participate, either with the club, or at home. There won't be any conflict with a Lions playoff game!

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# Laser Printer For Sale at recently **LOWERED** price!

By Ralph/W8ROI  
586-913-5811

## LASER PRINTER: Brother Model HL-2270DW

The "D" indicates a duplex capability (see below) and the "W" indicates wireless operation capability. Otherwise runs on a user supplied USB cable. This is because there are a number of slightly different USB combinations and Brother didn't want to supply a handful of connection cables. [The internet also indicates Ethernet connectivity too. Editor]

It has never been out of the box! The box has been opened strictly for access to the plastic envelope with instructions and a standard size CD-ROM disk with drivers and other software for the printer. The AC power cord is still all "hanked" up with twisty tie from the factory. These items are in a small compartment in the packing, which is accessible once the four cardboard covers are opened.



This printer will connect to both the PC world and to Macintosh computers.

**Now asking \$125** for this fine printer. That's a 16% savings from the original ask of \$150!

Brother HL-2270DW pricing [from internet]

<https://www.google.com/search?q=Brother+HL2270DW+MSRP%3F&oq=Brother+HL2270DW++MSRP%3F&ags=chrome..69i57j0l2.22525j0j7&sourceid=chrome&ie=UTF-8>

	Price	Date
Current	<b>\$349</b>	Sep 23, 2021
Highest*	\$349	Sep 23, 2021
Lowest*	\$349	Sep 23, 2021
Average	\$349	

NOTE: This is a black & white printer only. No possible option for multi-color printing.

This is a situation where I can't give you a demonstration since that would sort of end the "New in Box" status. Warranty papers are part of the items in the plastic envelope.

The "DW" model has a duplexer which allows dual side printing without running paper through two times manually. I have never done this so I can't say much else.

One online review indicates a printing speed of over 25 pages per minute. If my math is correct that equals one copy every 2.4 seconds.

I hope I've covered all important things. Since I've never used it, I have no history to relate.

E-mail or phone: w8roi@wowway.com      586-913-5811 (cell)



## Flex 3000 SDR Xcvr For Sale at recently LOWERED price!

By Ralph/W8ROI  
586-913-5811

FLEX Radio Model 3000 SDR Transceiver (covers 160M - 6M, most any mode). 100 watts output.

FLEX Hand microphone and several interconnect cables (some are Firewire) for one's computer and a multiport Firewire PCI plug-in card

FLEX power cable

Radio Shack 25/30A switching power supply included.

Manual on CD-ROM (and available at

[https://www.flexradio.com/documentation/?categories\\_dropdown=flex-3000](https://www.flexradio.com/documentation/?categories_dropdown=flex-3000))

90% of the sale price of this radio goes to LCARC Treasury sub account for Youth Activities. 10% goes to me.

**Now asking \$450.** Buyer can make out two checks or deal direct with L/C Treasurer, etc.

Very 'FLEXible' on this.

73, Ralph / W8ROI 586-913-5811 and [w8roi@wowway.com](mailto:w8roi@wowway.com)

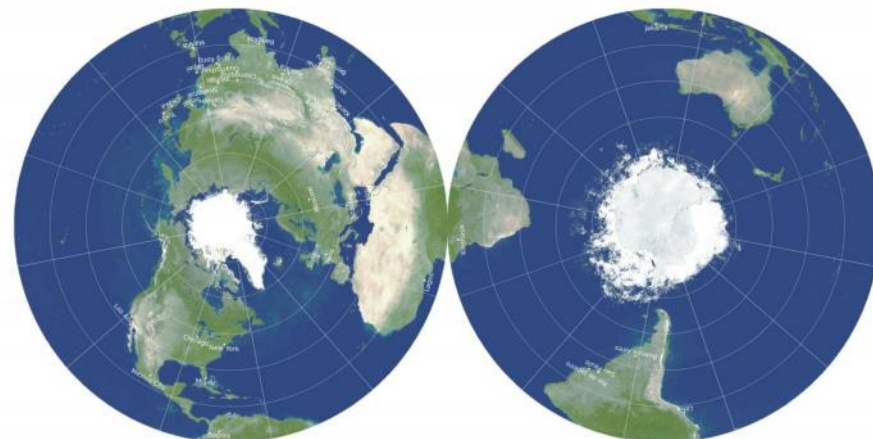


## A More Accurate World Map

Gott-Goldberg-Vanderbei Projection

Princeton professors J. Richard Gott and Robert Vanderbei worked with Drexel professor David Goldberg to create a revolutionary new map: a two-sided disk that can slip inside a textbook or be stacked neatly for storage. It provides more accurate distances than any existing flat map, while keeping visual distortions at a minimum.

Their new map is two-sided and round, like a phonograph record or vinyl LP. Like many radical developments, it seems obvious in hindsight. Why not have a two-sided map that shows both sides of the globe? It breaks away from the limits of two dimensions without losing any of the logistical convenience — storage and manufacture — of a flat map.



It improves geographical parity between continents, finally representing the southern hemisphere as fairly as possible on paper.

The map can be printed front-and-back on a single magazine page, ready for the reader to cut out. The three cartographers imagine printing their maps on cardboard or plastic and then stacking them like records, to be stored together in a box or slipped inside the covers of textbooks.

# HAZEL PARK AMATEUR RADIO CLUB 55<sup>th</sup> ANNUAL SWAP & SHOP

Royal Oak Farmers Market 316 E Eleven Mile Rd, Royal Oak, MI 48067

**January 23, 2022** - 8:00 a.m. til 12:00 noon

**W8HP** - Talk-in 146.640 (100hz.PL) D.A.R.T. Repeater  
Tables \$20.00 Tickets \$5.00 Ample Free Parking

**NEW for VENDORS!**

Vendor setup times with paid admission

Jan 22<sup>nd</sup> 1:00 PM to 4:00 PM and Jan 23<sup>rd</sup> at 6:00 AM



E-mail Address: [HazelParkSwap@gmail.com](mailto:HazelParkSwap@gmail.com)

Web Site: [WWW.HPARC.ORG](http://WWW.HPARC.ORG)

Facebook: <https://www.facebook.com/groups/hparcgroup/>

## Tickets and Table Reservation Mail-in Coupon

Name \_\_\_\_\_

Address \_\_\_\_\_

City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_

Phone(        ) \_\_\_\_\_ Email \_\_\_\_\_

Tickets \_\_\_\_\_ x \$5.00 \_\_\_\_\_ Tables \_\_\_\_\_ x \$20.00 \_\_\_\_\_ Enclosed \$ \_\_\_\_\_

**MAIL TO: HPARC SWAP**

**29488 Woodward Ave, P.O. BOX 368**

**ROYAL OAK, MI 48073**

**TABLE RESERVATIONS MUST BE RECEIVED BY JANUARY 17, 2021**



## LCARC Christmas Party



Information supplied by Mark / N8REZ

L'Anse Creuse ARC Annual Christmas party will be Dec 8, 2021 6:30 P.M. It will be held at [Penne Lane Ristorante Italiano](#), located at 44905 Morley Dr, Clinton Township, MI. Price will be \$25 per person payable at the venue to our treasurer Gregg/N8GEO or Mark/N8REZ PLEASE have the exact amount!. Cash bar is available. Penne Lane has given us a nice selection of **dinner choices**, which is included below. Chef Bobby does a great job in preparing the food and is a great Beatles fan. He has named his places after songs in their repertoire, Penne Lane, Octopuses' Beer Garden and his former, Strawberry Fields. Looking forward to seeing you and your significant "other" at dinner.

Mark N8REZ

Gnocchi with Basil Pesto Sauce	Pollo Carciofi
Veal Ravioli	Pollo Porto Bella
Fettuccine Alfredo	Meat Lasagna
Penne with Meat Sauce	Pesce Bianco Alla Siciliana
Eggplant Parmesan	Breaded Icelandic Codfish
Pollo Parmesan	



## Future Programs & Activities

Dennis/WC8C — Activities Manager

December 1, 2021	Regular meeting night! Final Swap preparation & Elections, and a video about
December 5, 2021	The long awaited return of the LCARC Swap!
December 8, 2021	Club Christmas dinner/party at <u><a href="#">Penne Lane</a></u> ,
January 5, 2022	Regular meeting night
January 29&20, 2022	Winter Field Day
February 2, 2022	Regular meeting night



## L'Anse Creuse ARC Board Members – 2021

### President

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

### VP and President-Elect

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

### Secretary

Marty Folz, K8HVI  
40360 Ryan Rd  
Sterling Heights, MI 48310-1756  
586-268-0544  
[k8hvi@arrl.net](mailto:k8hvi@arrl.net)

### Treasurer

Gregg Crump, N8GEO  
29729 South River Rd  
Harrison Twp, MI 48045-3030  
586 738-2487  
[n8geo@arrl.net](mailto:n8geo@arrl.net)

### ARRL Liaison

Keith Harris, W8KD  
38024 N. Bonkay Dr  
Clinton Twp, MI 48036-2103  
586-465-4129  
[w8kd@arrl.net](mailto:w8kd@arrl.net)

### Activities Manager

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

### Past President

Scott Hernalsteen, W8CQD  
40202 Vincenzia Dr  
Clinton Twp, MI 48038-4084  
586 201-5713  
[w8cqcd@arrl.net](mailto:w8cqcd@arrl.net)

### Technical Officer

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

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 in September, November, January, March, and May. The location for January 2022 is to be determined. is [Roseann's Kitchen, 21400 15 Mile Road](#), Clinton Charter Township, MI. All club members are welcome to attend and have dinner. Talk-in through the LCARC ECHO 2 Meter repeater (147.080 MHZ, +600 KHZ, 100 Hz PL tone). Should a board meeting have a planned cancellation, this cancellation will be announced in the newsletter.

**Club Founder - Art Ellis W8PBO SK**

**Club Committee Chairmen**

ARRL HF Awards Manager			Little Bay Awards	Dale McGorman	K8RO
ARRL HF Awards Assistant			Meeting Refreshments	Russ John	N8HAR N8NXW
ARRL VHF/UHF Awards Manager			Membership Chairman	John Huber	N8FYL
Call Sign ID Tags	Gregg Crump	N8GEO	TC email distribution		
Christmas Party	Cathy Chauvin	KC8WNK	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 John Slobodnik	W8ROI N8NXW

***The Tuned Circuit***

This publication of the L'Anse Creuse Amateur Radio Club is issued for the months of September through June of each year. *The Tuned Circuit* has been formatted to be read easily with any reader programs for our visually impaired readers; however, an audio 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 a VE session at our swap on 12/5/21 and in 2022 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)

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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

12/05/2021 - [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](#)

01/23/2022 - [HPARC Swap](#)

**Location:** Royal Oak Farmers Market, Royal Oak, MI

**Type:** ARRL Hamfest

**Sponsor:** Hazel Park Amateur Radio Club

[Learn More](#)

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](#)

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

06/05/2022 - [Flying Beers International Swap](#)

**Location:** Ferndale, MI

**Type:** ARRL Hamfest

**Sponsor:** Flying Beers International Amateur Radio Club

**Website:** [www.flyingbeers.org](http://www.flyingbeers.org)

[Learn More](#)

Just in time for Field Day ...

06/18/2022 - [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)

\$10.00 Club Badge created with my Name and Call sign

Please update my membership information because it has changed.

Call sign: \_\_\_\_\_ Old Call Sign: \_\_\_\_\_ Street: \_\_\_\_\_

Name: \_\_\_\_\_ City: \_\_\_\_\_ State: \_\_\_\_\_

Spouse: \_\_\_\_\_ Zip: \_\_\_\_\_ - \_\_\_\_\_ 6 Character Grid Square (optional): \_\_\_\_\_

Phone: (\_\_\_\_\_) \_\_\_\_\_ - \_\_\_\_\_ Email Address: \_\_\_\_\_

(Please indicate your name above even if it hasn't changed, so we know who's giving us money and can mark that you've paid in our records.)

L'Anse Creuse Amateur Radio Club  
Gregg Crump, N8GEO  
29729 South River Rd  
Harrison Twp MI 48045-3030

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

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

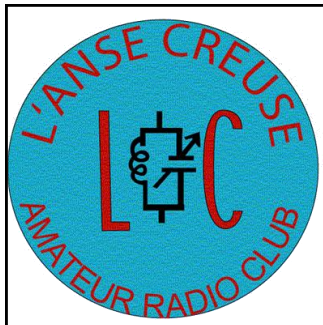
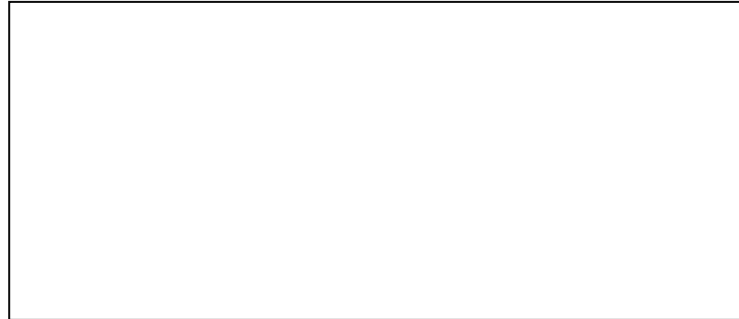
Note: LCARC dues are from **Nov 1st to Oct 31st**  
**Class License (Circle One)**  
Novice Technician Tech+  
General Advanced Extra

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



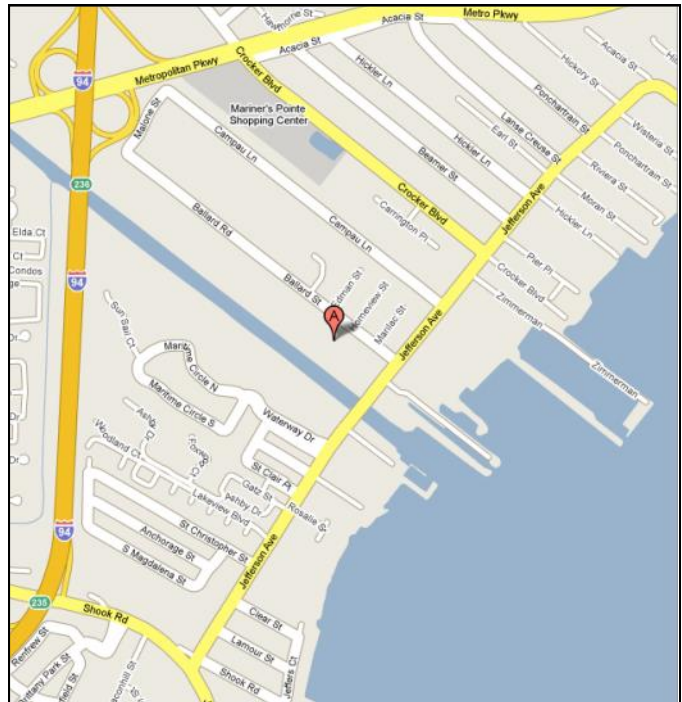
***The Tuned Circuit***  
**Monthly Bulletin of the**  
**L'Anse Creuse Amateur Radio Club**  
29729 South River Rd  
Harrison Twp, MI 48045-3030

First Class  
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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](#) 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.