

THE TUNED CIRCUIT

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

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**The Deadline for
the Next TC:
Monday
November 22nd**

Next Meeting - 7:00 PM

November 3rd 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, November 10th, 2021 or as announced, perhaps via e-mail or the groups.io reflector.

THE EDITOR SEZ

The November 3rd 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: November LCARC meeting

Time: Nov 3, 2021 07:00 PM Eastern Time

Join Zoom Meeting

<https://us04web.zoom.us/j/73527771414?pwd=MWJtNIBLWDI5Q3hmaVFPOGVrYmdTdz09>

Meeting ID: 735 2777 1414

Passcode: 9G4qQj

The November LCARC meeting will be **LIVE** at the Tucker Senior Center and available via [Zoom](#) video conferencing on Wednesday, November 3rd, 2021 at 7:00 PM.

Report of the Secretary

Received from Marty / K8HVI on 10/26/2021 at 04:18 AM

Meeting Call to Order:

The Vice-President, Dale/K8RO, called the October 6th, 2021 LCARC general membership meeting to order at approximately 7:00 PM 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:

21 members present.

In person at Tucker Senior Center: Dale/K8RO, Marty/K8HVI, Doug/N8PYN, Clem/W8VO, Bill/K8WWH, John/N8FYL, Ralph/W8ROI, Mike/N5WCS, Chris/KE8SXT, Lee/W8CTF, Lito/K8AJJ, Dennis/WC8C, Kathy/KC8WNK, Dave/N6WY, Dave/K8GTV, Keith/W8KD, Mark/N8REZ, Gregg/N8GEO,

Via Zoom: Tom/WU8C, Fritz/KE8BFW, Henry/N8AT.

Visitors: none

FCC license upgrades: Chris/KE8SXT received his Tech license. Bill/K8WWH received his Extra license.

Dale/K8RO stated that he will preside over this meeting as the President is unable to make it.

Mike/N5WCS made a motion to approve the prior month's (Sept. 2021) meeting minutes as posted in the Tuned Circuit. It was seconded by Clem/W8VO. The motion was agreed to by all except Mark/N8REZ. Motion passed.

Treasurer's Report: by Gregg/N8GEO:

Total amount in the account is	\$5,442.53
The Youth Fund has	\$33.50
The Repeater Fund has	\$1,185.43
The Repeater Project has	\$3,190.96
Total amount available (unallocated) is	\$1,033.64

Marty/K8HVI made a motion to approve the Treasurer's Report. It was seconded by Keith/W8KD. Motion passed.

Where's Doug: by Doug/N8PYN:

Nothing to report

Technical Committee Report: Dale/K8RO

Doug/N8PYN stated that he would like to replace the analog power supplies at the repeater site with switching power supplies. This should reduce the electricity costs.

Attempt to follow up with the Engineering company, Fritz/KE8BFW stated he was not able to contact them in person at their local radio club meeting. They did not send us any follow up. Marty/K8HVI contacted them again and they said that they referred another company, JT Tower, to use. I told them that this company has not contacted us. They said they would follow up.

(Continued on page 3)

(Continued from page 2)

Dale/K8RO stated that we should inform the Repeater Council that we moved the 440 MHz repeater 5 miles from the coordinated location.

Net Points: Clem/W8VO

Name	Points	Name	Points	Name	Points
Russ/N8HAR	400	John/N8FYL	1,150	Clem/W8VO	4,000
Vince/WA8BIJ	5,850				

ARRL Liaison report: Keith/W8KD

Keith stated we probably have enough info to renew ARRL Special Service Club status.

Membership and Tuned Circuit Report: by John/N8FYL:

73 members, (includes 3 first year free and 8 life members). 25% have renewed their club membership so far. Reminder, yearly club dues are due. Gregg/N8GEO is taking money for memberships during this club meeting.

The October *Tuned Circuit* deadline is Oct. 25, 2021.

Old Business:

Swap Report: Russ/N8HAR

Got 14 tables sold so far. Said thanks to John/N8FYL for providing addresses for emails being sent to local hams. Mark/N8REZ said he will do the kitchen. There are no refrigerators in their kitchen.

Gregg/N8GEO said that he needs help with the raffle ticket sales as he will be working the VE testing. Mike/N5WCS stated he could help with the raffle tickets.

Russ/N8HAR stated he has swap flyers for members to place out in public places.

VE Testing: Gregg/N8GEO

Gregg/N8GEO stated the testing we did was very successful. We had 15 people show up. 3 passed Extra test. 3 people passed the General test. 6 persons passed the Technician test. Contact Gregg/N8GEO if you would like to help at the testing sessions. The 2022 club hosted VE testing sessions are March 21, June 20, and September 19 at the Tucker Senior Center. Doors will open at 6pm, start testing at 6:30pm.

New Business:

Dale/K8RO stated the next board meeting will be Tuesday, Oct. 19 at 7:30pm. Meeting will be on Zoom and all are invited.

(Continued on page 4)

(Continued from page 3)

Mark/N8REZ stated that he will take over the planning work for the club Christmas Party. He selected Penne Lane restaurant. Wednesday. December. 8th. \$25 per person. Dress code is business casual. Mark/N8REZ will send a nice write up to the Tuned Circuit editor.

Dale/K8RO stated that we need to do nominations for next year.

Dale/K8RO nominated Marty/K8HVI for Vice President. Marty accepted.

We will need a new Secretary. No one was identified or singled out.

Also, the club needs an Activity Manager to run the programs presented to the club.

Gregg/N8GEO picked another Dinner Night Out date and location for the club. It is on Oct. 20th at Miguel's Catina at 13635 23 Mile Rd, Shelby Township, MI.

We had door prizes and 50/50 drawing today

Close Meeting:

Marty/K8HVI made a motion to close the meeting. It was seconded by Mike/N5WCS. Motion passed

Meeting closed at 8:02pm.

Club Presentation: Program is a presentation of ARRL's Learning Network webinar "[RF Exposure Rules](#)".



Board Meeting Minutes

Submitted by Marty, K8HVI

Received by the Editor on 10/26/21 at 3:12 PM

Meeting Call to Order:

The LCARC Vice President (Dale/K8RO) called the October 19th, 2021 LCARC board meeting to order at 7:30 PM. Meeting was held via ZOOM.

Present were

Dale/K8RO, Doug/N8PYN, Russ/N8HAR, Keith/W8KD, and Vince/WA8BIJ.

Keith talked to the ARRL Club Coordinator about updating our club's name which is currently listed as L'ANSE CREUSE ARC. Will change it to be L'ANSE CREUSE AMATEUR RADIO CLUB. Keith noted that he is trying to get some definitions on the different roles for a special service club.

Dale stated that we need a program for the November club meeting. Doug stated we could look for a program on explaining the November Sweepstakes contest. Keith will also follow up on some possible programs from DX Engineering.

Russ said they have sold 18 tables and 13 tickets to date. We are about the same with pre-sales like back in 2019. Keith said there will be a woodcarving show at the Carpathia in a couple weeks. Both Keith and Russ said they will stop by the show to check it out this location in action.

Meeting adjourned at 8:03 PM.

NOVEMBER 3RD MEETING IN PERSON!!!

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

The program will be about operating the ARRL Sweepstakes Contests. A video will be part of the program.



Meeting time is 7:00 PM



Membership Report

We welcomed new member Chris/KE8SXT at the October meeting. 74 members strong: 63 regular members, 3 “first year free” members, and eight Life members.

October 1st is the beginning of our next dues year, and 75% of the membership (49 people) have renewed for another year. If you are one of the remaining 16, your dues are due now.

John / N8FYL – 10/27/2021



Reminder!

2021/2022 LCARC club dues are due *NOW*

Bring your money and either the pre-filled form that was sent out before the October meeting
OR the Membership Request form on page 15
to the club meeting and give them to our Treasurer Gregg, N8GEO,
OR
remit your payment as instructed on either form.

L'Anse Creuse Amateur Radio Club

48th Annual Swap & Shop

SUNDAY, SUNDAY, SUNDAY!

DECEMBER 5, 2021

See the flyer HERE

N8HAR should have flyers available at the November meeting, or contact him [directly](#) to get some flyers if you can't make the meeting.

Youth Forum Feedback

Date: Thu, Sep 16, 2021 at 3:43 PM

Subject: Thank You!

To: <n8geo.ham@gmail.com>

Hello Mr. Crump,

My name is Frankie Bonte, KE8HPA, and I was one of the recipients of the generous donation from L'Anse Creuse ARC to RCA Youth Activities! Ms. Carole Perry, WB2MGP is a great mentor for me, and I am very honored to receive this gift.

I am grateful for the Hams in my life who have taught me many lessons -- about amateur radio and life. I am now a second-year student at Case Western Reserve University where I am pursuing degrees in both engineering and dance. I am enjoying my materials courses so far and am excited to be the president of [Case's amateur radio club W8EDU](#). Thank you for helping me to get here!

I am grateful for your support of RCA Youth activities.

Please let me know how I can send a note in the mail to your club! I would like to extend my appreciation to all of them.

Sincerely,

Frances "Frankie" Bonte KE8HPA



The LCARC Monthly Night Out has returned.

Well after about 18 months, the monthly night out has returned. We had one in September over here on the east side at Bentley's in Harrison township. In October we changed over to the west and north out in Shelby Township at Miguel's Cantina. It is a nice evening out for club members and their significant others. We try to pick a place that is reasonable and close to all. But there is always the unknown like quality of food and service. So far, we've have had some pretty good luck in these areas. We always have good companionship. Usually, the hams talk ham stuff, and the significant others get their own conversations going. To be honest the significant others appear to be having much more fun than the hams. Everyone is welcome to attend, and more attendees are always fun. So, think about attending our next night out, it's always fun and the food is great. Hey, you have to eat something anyway; you might as well let someone else do the cooking.

73

Gregg / N8GEO

Safety Alert for ALL Tower Climbers!

From https://insidetowers.com/stop-use-immediately-on-3m-dbi-sala-nano-lok-self-retracting-lifeline/?utm_source=Inside+Towers+List&utm_campaign=b37fcb00fc-EMAIL_CAMPAIGN_2021_10_26_04_24_COPY_01&utm_medium=email&utm_term=0_af16c4fc22-b37fcb00fc-91658617 on October 27, 2021.

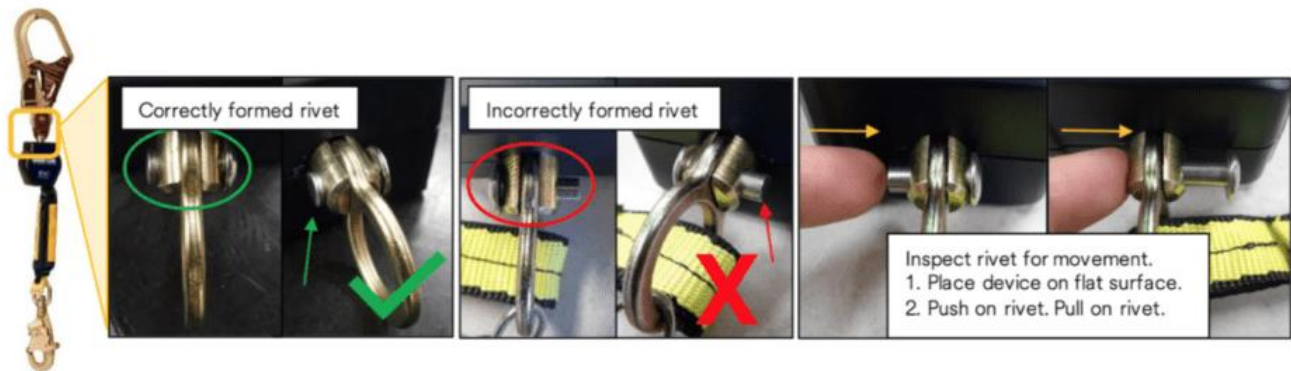
3M today issued an immediate stop use alert on its 3M™ DBI-SALA® Nano-Lok™ Self Retracting Lifeline with Anchor Hook. The notice urged users to remove the product from service until inspection is performed.

The company issued the following statement:

“As part of 3M Fall Protection’s ongoing commitment to delivering high quality safety equipment, we are notifying our customers of the following information related to specific versions of the 3M™ DBI-SALA® Nano-Lok™ Self Retracting Lifeline with Anchor Hook. 3M Fall Protection has identified a very low potential for the DBI-SALA® Nano-Lok™ Self Retracting Lifeline with Anchor Hook to be assembled with an unformed top swivel eye rivet. An improperly formed rivet may become displaced from the top swivel eye. An unformed rivet may result in the SRL becoming detached from the anchor hook, which could result in severe injury or death. Due to this, we are sending out an inspection notice so this issue can be detected by inspecting the self retracting lifeline as shown below. A copy of this notice can be found [here](#).”

[Editor: the pdf at the end of the [here](#) link has clearer images than I was able to insert into this page.]

Product	Date of Manufacture	Part / Model Number	Standard	3M Customer Service Contacts
3M™ DBI-SALA® Nano-Lok™ Self Retracting Lifeline with Anchor Hook, Single Leg, Web	Between September 1, 2020 – August 31, 2021	3101218 3101219 3101241	ANSI / OSHA	3musfbserviceaction@mmm.com or call 1-833-638-2697
		3101198 3101223 3101224 3101249	CSA	3mcafpbserviceaction@mmm.com or call 1-833-998-2243



Stay safe when climbing towers!

Tidbits from the ARRL Contest Update

October 27, 2021

Submit your log, no matter how big or small!

All contest participants, whether they are serious contesters or just casual operators, should submit their log to the contest sponsor. Submitting logs assists the contest sponsor with the scoring of the contest, as QSOs are cross-checked against the logs of stations that are worked. Additionally, contest sponsors allocate resources to contests based upon the total number of logs submitted, assisting them in gauging how much activity there is in each event.

If you do make a few casual contacts in a contest, and do not submit a log, the stations you worked will not be penalized. For example, if you made a few contacts in the contest to "hand out points" to other contesters, your QSOs with them would be considered as "unique." Uniques are call signs that appear in only a few logs that were submitted by the stations that worked you.

Lastly, you might be surprised at how well you might do in a contest, even if your QSO count is low. For example, I submitted a contest log that contained only 5 QSOs, which ended up not only being a division winner, but also scored in the top ten in W/VE in the category that I entered!

Keep those logs coming in!

Two television antennas met on a roof one day. They dated for a while, fell in love, and eventually married. The marriage ceremony wasn't really much of anything. But the reception was fabulous.

Thanks to Phil/N8TTT for this humor item.

WSJT-X Version 2.5.1 has been Released

From [ARRL News](#)

10/26/2021

The *WSJT-X* development team has announced the general availability release of *WSJT-X* version 2.5.1. This release mainly contains improvements and repairs defects related to Q65 and JT65 when used with nonstandard and compound call signs. Those planning to use Q65 or JT65 to make weak-signal contacts involving a nonstandard call sign should upgrade to this version. Also included is a new feature for microwave aircraft scatter, as well as repairs for bugs detected since the general availability release of version 2.5.0.

A complete listing of changes is available in the [Release Notes](#). Links to *WSJT-X* 2.5.1 [installation packages](#) for Windows, Linux, and Mac are available.



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. 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

"The Phantom" — Activities Manager

November 3, 2021	Regular meeting. Info about operating ARRL Sweepstakes.
December 1, 2021	Regular meeting night! Final Swap preparation & Elections
December 5, 2021	The long awaited return of the LCARC Swap!
December 8, 2021	Club Christmas dinner/party at <u>Penne Lane</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

Treasurer

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

Past President

Scott Hernalsteen, W8CQD
40202 Vincenzia Dr
Clinton Twp, MI 48038-4084
586 201-5713
w8cqcd@arrl.net

VP and President-Elect

Dale McGorman, K8RO
2855 Norton Lawn
Rochester Hills, MI 48307-4431
248-852-9130
k8ro@arrl.net

ARRL Liaison

Keith Harris, W8KD
38024 N. Bonkay Dr
Clinton Twp, MI 48036-2103
586-465-4129
w8kd@arrl.net

Technical Officer

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

Secretary

Marty Folz, K8HVI
40360 Ryan Rd
Sterling Heights, MI 48310-1756
586-268-0544
k8hvi@arrl.net

Activities Manager

This position is available!

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 November 2021 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 (n8lc.org)	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 or editor@n8lc.org

Phone: (248) 740-2693

Submissions will be accepted in any of the standard PC formats. Microsoft Office, Open Office, plain text, rich text, PDFs, and any type of image format. Unfortunately audio files and movies cannot be accepted, as they cannot be reproduced on paper, but links can be reproduced to these types of media if you'd like to provide a link.

VE Testing Locations

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

=====

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.pdarri.org/k6rau/>

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

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



Upcoming Swaps

11/13/2021 - 11/14/2021

[Fort Wayne Hamfest & Computer Expo, ARRL Central Division Convention](#)

Location: Fort Wayne, IN

Type: ARRL Convention

Sponsor: Allen County Amateur Radio Technical Society

Website: <http://www.fortwaynehamfest.com> [Learn More](#)

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](#)

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

Location: Xenia, OH

Type: ARRL Hamfest

Sponsor: Dayton Amateur Radio Association

Website: <http://www.w8bi.org/>

And for those NOT going to Dayton ...

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 [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	2 M Internet	Packet telnet	144.93 MHz 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.

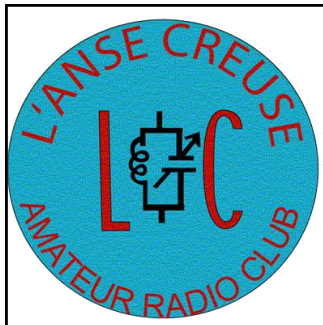
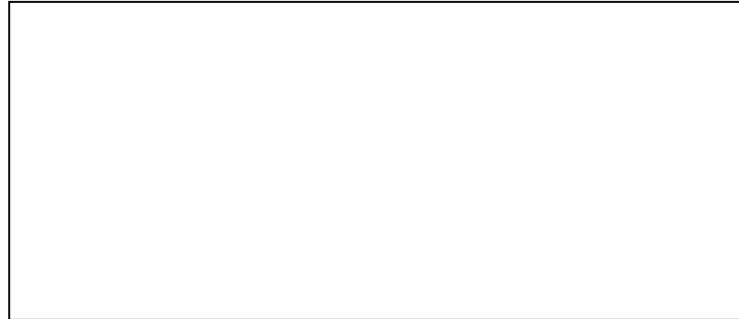
Treasurers Box
Date Paid: _____
Amount: _____
Initials: _____

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)

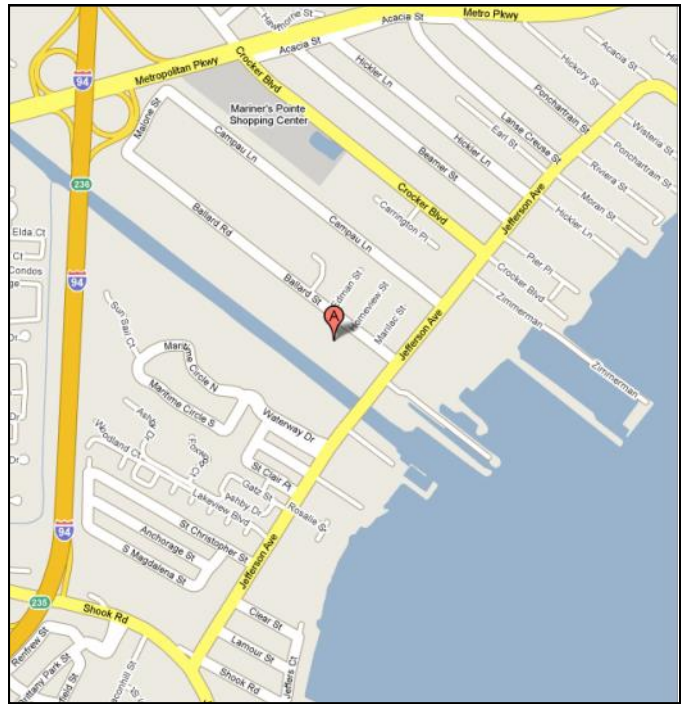
The Tuned Circuit
Monthly Bulletin of the
L'Anse Creuse Amateur Radio Club
29729 South River Rd
Harrison Twp, MI 48045-3030

First Class
Postage
+ Extra
Ounce



<http://www.n8lc.org>

E-mail: info@n8lc.org



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