THE TUNED CIRCUIT

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

Volume 42, Number 1,

September 2021

September Meeting ProgramTheThe Secretary's ReportWMembership ReportViFuture ProgramsFrUpcoming SwapsthClub NetsreOctober TCDeadline:Deadline:TiMondayCaSeptember 27thJcNext Meeting - 7:00 PMCa

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September Ist 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 <u>5!</u>

The NEXT board meeting will be on Wednesday, Sept. 8th, 2021 or as announced, perhaps via e-mail or the groups.io reflector.

THE EDITOR SEZ

The September 1st 2021 general membership meeting will again be **IN PERSON** at the Tucker Senior Center, and again 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: September LC Meeting Time: Sep 1, 2021 07:00 PM Eastern Time (US and Canada)

Join Zoom Meeting https://us04web.zoom.us/j/75453357445?pwd=TTcz QXFrdW1QMGZWRmpKMS8wWk02Zz09

Meeting ID: 754 5335 7445 Passcode: W0t8ut

The September LCARC meeting will be LIVE at the Tucker Senior Center and available via Zoom video conferencing on Wednesday, September 1st, 2021 at 7:00 PM.

Report of the Secretary

Submitted by Marty / K8HVI at 01:41 AM 08/30/2021

Meeting Call to Order:

The Vice-President, Dale, K8RO, called the June 2nd, 2021 LCARC general membership meeting to order at 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:

15 members present.

In person at Tucker Senior Center: Dale/K8RO, Keith/W8KD, Doug/N8PYN, Matt/KD8LLT, John/N8FYL, Don/WN8IZV, Dave/N8NLK, Mike/N5WCS, Gregg/N8GEO, Russ/N8HAR, Lito/K8AJJ, Dennis/WC8C, Phil/N8TTT, Marty/K8HVI

Via Zoom: Vince/WA8BIJ, Fritz/KE8BFW, Tom/WU8C

Visitors: none FCC license upgrades: None

Keith/W8KD made a motion to approve the prior month's (May 2021) meeting minutes as posted in the Tuned Circuit. It was seconded by Dave/N8NLK. Motion passed.

Treasurer's Report: by Gregg/N8GEO:

Total amount in the account is	\$6,177.00
The Youth Fund has	\$396.50
The Repeater Fund has	\$1,185.43
The Repeater Project has	\$3,190.96
Total amount available (unallocated) is	\$1,405.01

Marty/K8HVI made a motion to approve the Treasurers Report. It was seconded by Tom/WU8C. Motion passed.

Where's Doug: by Doug/N8PYN:

No further work on packet. Still waiting for an antenna to be put up.

I will be the Fox for tonight. The rules are I will be in a 5 mile radius from here. 147.42 will be the frequency transmitted, 1 minute transmit and 2 minutes off.

ARRL Liaison report: Keith/W8KD

There will be a Great Lakes Convention this year, in the fall.

(Continued from page 2)

Repeater Site Update: Marty/K8HVI

Engineering company said they will try to do the tower work at the end of June.

Net Points: John/N8FYL

Name	Points	Name	Points
Gregg/N8GE0	2000	Mark/N8REZ	550
Lito/K8AJJ	150		

Membership and Tuned Circuit Report: by John/N8FYL:

71 members, (includes 8 life members). The September Tuned Circuit deadline is August 23, 2021.

QSL Report: Dale/K8R0

34 QSLs processed this month. Been working getting some older 2003 and 2004 qsl files loaded. He is looking for logs from the 2010 and 2012 Michigan QSO Party.

Old Business:

Russ/N8HAR reported that our swap is still on track for December. All the tickets are made up. Will call the hall coordinator in August to touch base.

Gregg/N8GEO: Next VE session is June 21, 2021. Doors will open at 6pm, start testing at 6:30pm. We have 8 VE's and have 5 persons signed up now for taking the test at this time.

Gregg: Anyone going to the Chelsea hamfest let me know if you can sell raffle tickets.

Dale/K8RO reminded everyone to come out to our Field Day site. We have plenty of room and always need operators. If you want to set up a station we have room. Also, Phil/N8TTT donated military pole/ masts to the club to be used at field day (applause of thanks from the group was had).

New Business:

We had door prizes and 50/50 drawing today.

Close Meeting:

Mike/N5WCS made a motion to close the meeting. It was seconded by Matt/KD8LLT. Motion passed Meeting closed at 7:46pm.

Club Presentation:

Fox Hunt by club members. Doug/N8PYN is the fox.

Board Meeting Minutes

Submitted by Marty, K8HVI at 02:21 AM on 08/30/21

Meeting Call to Order:

The LCARC President (John/N8NXW) called the Emergency LCARC Board meeting to order at 7:32 PM on Aug. 4, 2021. Meeting was held via ZOOM.

Present were

Dale/K8RO, Lito/K8AJJ, Marty/K8HVI, John/N8NXW, Russ/H8HAR, Gregg/N8GEO, Doug/N8PYN, Clem/ W8VO, Tom/WU8C, John/N8FYL, Scott/W8CQD, Ted/NW8W, Keith/W8KD, Dennis.

Russ stated that the hall (Madison Place at UFCW 876) that we have our swap at has chosen to close down. Thus, we no longer have a location for our club swap event.

Russ listed all the possible places that he looked at as possible locations for holding the swap. Covered the pros and cons of each one.

The front runners are Balkan American Community Center and Carpathia Club. Some further follow up will be done by asking further detailed questions to the existing options. Also, some suggested other locations and they will go and see what details and availability these locations may have. We will all come back together to discuss our findings. Will hold the follow up meeting on 8/17/2021.

Meeting adjourned at 8:37pm

Youth Forum Happenings

As most of you know, our club and Ralph W8ROI (our club interface with the youth forum team) has been supporting the Hamvention Youth Forum in Dayton for many years. The club usually gives some sort of monetary donation in the form of cash or gift certificates to the youth that participate in the forum. Ralph spends a lot of time communicating with, and participating in, the actual event when it is held at Hamvention. Since Covid there has not been any in person youth forum at Dayton since the Hamvention was cancelled. However, we as a club have still been supporting the event. This year we donated cash and it was given out in the form of \$50.00 checks to the participants. We wrote the check and then "The Radio Club of America" divided them up and mailed them to the recipients. This year I received the following from one of the participants, I wanted to share this with everyone.

Good morning,

I just wanted to say thank you so much for the checks both my brother and I received from RCA. We are so grateful to the RCA and Carole Perry for all of the opportunities and kindness they have shown through my scholarship and a general support of what we do. We look forward to continuing to help encourage youth in amateur radio!

Thank you,

Audrey McElroy and Jack McElroy

KM4BUN and KM4ZIA

73, Gregg / N8GEO

SEPTEMBER 1ST MEETING IN PERSON!!!

The September membership meeting will be in person with Zoom video conferencing access. See the Zoom details in *The Editor Sez* on page 1.

As of "press" time, there has not been any program identified other than discussion about the new swap venue.



For Sale Items

Information from Lito / K8AJJ

Lito is helping with the sale of equipment owned by <u>KB8SG</u> (Charles, or maybe Chuck, Mason). Currently available are a Kenwood TS-430S, and an MFJ 940B antenna tuner. Lito informed me he would have the items (and maybe more) at the September meeting. Contact Lito (<u>litojjuliano@gmail.com</u>) if you are interested.

Membership Report

Our member count increased by 1 to 72 as we begin our club year. 61 regular members, 3 "first year free" members, and 8 Life members. Congratulations to Joe who upgraded from "nocall" to General and was issued KE8SKF



John / N8FYL - 08/27/2021

2021 MIQP September Update



1 more log was submitted since the report in the June *Tuned Circuit*.

As of 8/27/2021 at 21:00 there have been <u>434 logs submitted</u>. Based on claimed scores our two members in "Fixed Single Op High Power" slipped a place again. Dale/K8RO is now 14th and Lito/K8AJJ is 22nd in the class which now has 106 logs (1 more than the June report). .John/N8FYL is still 6th in "Fixed Single Op Low Power" class out of 276 logs.

The Mad River Radio Club has created a committee for the MIQP to carry on following the loss of previous MIQP chairman Dave

Pruett/K8CC, who became a silent key in December 2020. As of June 29, 2021, the K8CC call is now held by Dave's brother Tom, formerly WB8VNM. There is no apparent progress on the 2021 official results.

73, John / N8FYL

June VE testing results

By Gregg / N8GEO

Well we held the June VE testing session and boy were we surprised. Fourteen people showed up ready to get their new or upgraded license. The VE testing team pulled it together and managed to make it through the testing session with minimal issues. Everyone walked out of there feeling pretty good. By the end of testing we had two Extra, two General and ten Technician licenses earned. It was a great time and I have received a few phone calls from the people that were at the session thanking us for having the session, complimenting us for making them feel comfortable, and for being friendly. I have to say that the team really did very well and I thank them all for being there.

Our next VE testing session will be on September 13th. Doors open at 6 PM and testing starts at 6:30.

If you want to be a VE (Volunteer Examiner) please feel free to give me a call (586 738-2487 or <u>n8geo@arrl.net</u>) and we can get you on the right track to becoming an accredited VE.

73, Gregg / N8GEO

Have you maybe considered building a table for your shack? Did you wonder how to make sturdy but light weight legs? And maybe have the legs on wheels? Oh, non-conductive and non-corroding might be of use too. Well, here is a picture of how one ham constructed his. Let your creative juices flow!



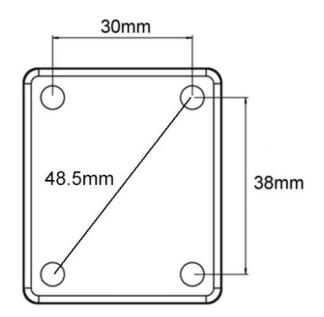
Standards— There are so many!

By John / N8FYL

There is no defined standard for GPS mounts in the same way that the VESA exists for monitor mounts. Device manufacturers such as Garmin and TomTom have settled on the 4-Hole pattern in their device cradles and it has become a default standard in the market over time for many other types of devices too.

The AMPS hole pattern consists of four holes arranged in a rectangular pattern that are spaced 38mm x 30mm (1.188" x 1.5") apart. A 2-Hole AMPS pattern which describes the diagonal of the 4-Hole version with 2 holes spaced at 48.5mm (1.912") apart.

Here is a nice <u>PDF</u> from Panavise with some more information.



You might be wondering how I stumbled on this AMPS hole pattern "standard". Even if you weren't wondering, I'm going to tell you anyway!

I was researching methods to secure the remote head of my ICOM IC-2720 dual band mobile rig without occupying a cup holder. I was checking out the Lido mounts at DX Engineering and came across this <u>LM-WEDGE</u> mount for HT's and Remote Heads. It is a very intriguing item that I will probably try out. But in the investigation I kept seeing references to the "4 Hole AMPS pattern", so I used "The Google" and thus I, and now you, know what that pattern is.

Here is a 4 minute YouTube video showing more details of this product. Take a look!

https://www.youtube.com/watch?v=E1qh27-xXQk





2021 LCARC Swap Update

Submitted by Russ / N8HAR

After I received an email that our annual swap and shop could no longer be held at Madison Place, a plan was set in motion. Several "emergency" Zoom meetings were held to discuss options and plans for securing a new location. After much discussion and several days/weeks spent researching venues, costs, capacities, etc., the board has picked a new location.

I am pleased to announce that we have chosen the Balkan American Community Center (BACC) in Troy for our swap location. The address is 1451 E. Big Beaver Road. We believe this is a great location and offers the best room capacity (~100 tables) to match that of Madison Place compared to the other locations that we researched.

We had to make some price adjustments. Vendor tables will now sell for \$20/table and admission tickets will increase to \$10/ticket. Everything else will remain the same. We will have a classroom dedicated to exam testing. We have a small kitchen area (no refrigerator unfortunately) where we can sell food/pop/coffee etc.

I have modified the swap flyer and the ARRL website has been updated.

We need to promote this swap/location to ensure a successful event. This could be our chance to make this swap the best ever. Stay tuned for more updates as we get closer to the December timeframe.

73,

Russ/N8HAR Swap Chairman

Fox Hunt Results

Following the brief June meeting, 4 teams set out to find Doug/N8PYN, the "Fox", hiding in the parking lot of South River Elementary School, on the northeast corner of South River Rd and Main St/North Pointe Parkway in Harrison Twp (Latitude 42.591030, Longitude -82.832647. Doug was here because his first hiding choice was located where the rainy weather would have made vehicles drive on dirt roads.

1st OVERALL & 1st non-doppler John/N8FYL, Matt/KD8LLT

2nd & 1st doppler: Dale/K8RO, Gregg/N8GEO X

3rd & 2nd doppler: Marty/K8HVI

DNFtF (Did Not Find the Fox) - non-doppler Lito/K8AJJ, Dennis/WC8C





By John / N8FYL

I know that Field Day happened on June 26, 2021. I'm certain that a several club members gathered at Addison Oaks County Park and set up 3 stations. In addition to the N8LC 3A operation, N8FYL and WU8C submitted 1D logs for the L'Anse Creuse Amateur Radio Club. If you were at the N8LC site, and would like to see a more comprehensive report, then submit an article (and pictures if you have some) to *The Tuned Circuit*.

Items For Sale By Ralph/W8ROI

586-913-5811

ICOM 735 100 watt all mode transceiver (160M - 10M) with the ICOM hand microphone.

Matching ICOM power supply which includes the power cable to the radio.

ICOM AT-150 Automatic Antenna Tuner with interconnect cable to the transceiver and the coax jumper for connecting the tuner to the radio

I have a good quality copy of the manuals for all items.

All above for \$375.00

One eBay listing for the radio and power supply only is hoping to get \$645 with free shipping!

Editor's Note: I own one of these (no longer in service) and used it for many years. It's all solid state and is an excellent radio to get started on HF. It can be interfaced to a PC for logging software control.

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

FLEX Hand microphone and several interconnect cables for one's computer.

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)

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

Asking \$500. 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

[Editor's Note: This radio requires a PC with a Firewire port to connect to the radio, and to run the PowerSDR software that operates the radio.]





2021 LCARC Swap Update

from Russ / N8HAR

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I have modified the swap flyer and the ARRL website has been updated.

We need to promote our swap and new location to ensure a successful event. This could be our chance to make this swap the best ever. Stay tuned for more updates as we get closer to the December 5th swap date.

73,

Russ/N8HAR LCARC Swap Chairman

Future Programs & Activities

"The Phantom" — Activities Manager

- September 1, 2021 Regular meeting night.
- September 12, 2021 Findlay Swap, Findlay OH
 - October 6, 2021 Regular meeting night.
 - November 3, 2021 Regular meeting night.
 - December 1, 2021 Regular meeting night!
 - December 5, 2021 The long awaited return of the LCARC Swap!
 - January 5, 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 <u>jrslobodnik@hotmail.com</u>

VP and President-Elect

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

Secretary

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

Treasurer

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

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

Activities Manager

This position is available!

Past President

Scott Hernalsteen, W8CQD 40202 Vincenzia Dr Clinton Twp, MI 48038-4084 586 201-5713 w8cqd@arrl.net

Technical Officer

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

Analog FMNSLCFusion Digital OnlyImage: State of the state

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 May 2021 is to be determined. is <u>Roseann's Kitchen, 21400 15 Mile Road</u>, 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	K8R0
ARRL HF Awards Assistant			Meeting Refreshments	Russ John	N8HAR N8NXW
ARRL VHF/UHF Awards Manager			Membership Chairman TC email distribution	John Huber	N8FYL
Call Sign ID Tags	Gregg Crump	N8GEO	Net Points Manager	Tom Mathison	WU8C
Christmas Party	Cathy Chauvin	KC8WNK	Net Points Upgrade Awards	Clem Duval	W8V0
Club Apparel & Patches	Scott Hernalsteen	W8CQD	TC Postal Distribution	John Huber	N8FYL
Club Call Trustee - N8LC	Marty Folz	K8HVI	Outgoing QSL Manager	Dale McGorman	K8RO
Code Proficiency Awards	Vince Cuker	WA8BIJ	QSL Cards	Dale McGorman	K8R0
Dayton Trip	Gregg Crump	N8GEO	Swap Chairman	Russ Price	N8HAR
Door Prizes—Buyer	Doug Chauvin	N8PYN	Tuned Circuit Editor	John Huber	N8FYL
Door Prizes—Tickets	TBD		Volunteer Exams	Gregg Crump	N8GEO
Echo Repeater Trustee	Marty Folz	K8HVI	Webpage (<u>n8lc.org</u>)	Doug Chauvin	N8PYN
Field Day	Gregg Crump	N8GEO	Webpage Assistant	Marty Folz	K8HVI
Health & Welfare			Youth Forum (50/50) [Alternate]	Ralph Irish John Slobodnik	W8ROI N8NXW
Licensing Classes	TBD				

The Tuned Circuit

This publication of the L'Anse Creuse Amateur Radio Club is issued for the months of September through June of each year. *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 <u>Editor</u>:

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 VE sessions at the Tucker Senior Center for September 13. 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 6 sessions spanning the time until a year from now.

Online Practice Exams:

https://www.eham.net/exams

https://www.grz.com/hamtest/

http://www.hameducation.org/

Morse Code Resources:

Learn CW Online https://lcwo.net/ http://www.g4fon.net http://www.pdarrl.org/k6rau/ http://www.ac6v.com/morseaids.htm http://morsecodemasters.com/train er/Examples/hct.html



Upcoming Swaps

09/12/2021 - Findlay Hamfest

Location: Findlay, OH Type: ARRL Hamfest Sponsor: Findlay Radio Club Website: http://www.findlavradioclub.org/hamfest Learn More

09/18/2021 - <u>GMARC June Trunk Swap</u>

Location: Shelby Township, MI Type: ARRL Hamfest Sponsor: GM Amateur Radio Club Website: http://www.gmarc.org

Learn More

Upcoming VE Sessions

09/11/2021 | <u>Ann Arbor MI 48104</u> <u>Learn More</u> 10/09/2021 | <u>Ann Arbor MI 48104</u> <u>Learn More</u>

11/13/2021 | <u>Ann Arbor MI 48104</u> <u>Learn More</u>

Sponsor: Arrow Communications Assoc

Sponsor: Arrow Communications Assoc Location: Fellowship Bible Church Time: 9:00 AM (Walk-ins allowed)

09/11/2021 | <u>Wyandotte MI 48192-9999</u> Learn More 11/13/2021 | <u>Wvandotte MI 48192-9999</u> Learn More

Sponsor: Motor City Radio Club **Location:** First United Methodist Church Time: 9:00 AM (No Walk-ins / Register or Call ahead)

09/13/2021 | Harrison Township MI 48045-6506 Sponsor: L'Anse Creuse ARC Location: Tucker Senior Center Time: 6:30 PM (Walk-ins allowed) **Contact:** Gregg W. Crump (596) 738-2487 Email: n8geo.ham@gmail.com VEC: ARRL/VEC

09/15/2021 | <u>Livonia MI 48154-3045</u> Learn More

11/17/2021 | <u>Livonia MI 48154-3045</u> Learn More

Sponsor: Livonia ARC Location: Livonia Police Department Time: 7:00 PM (No Walk-ins / Register or Call ahead)

There are some others, but they are farther away so check online to get details about them.

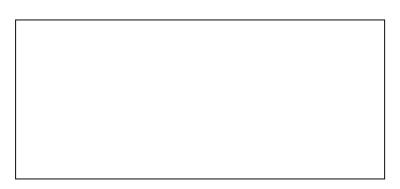
L'Anse Creuse Amateur Radio Club Nets						
Day	Local Time	Band	Mode	Frequency	Net Control	Calendar
Monday	2000	15 M	CW	21.165 MHz	Clem, W8V0	Every Monday
Monday	2030	15 M	USB	21.395 MHz	Clem, W8VO	Every Monday
Monday	2100	6 M	USB	50.160 MHz	Gregg, N8GEO	Every Monday
Tuesday	2000	2 M Internet	Packet 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 A LCARC sanctione	Sterling Heights CERT d net run by the Stei	2nd Tuesday of the month rling Heights CERT
Thursday	1930	10 M	USB	28.435 MHz	Clem, W8V0	Every Thursday
					Clem, W8VO Russ, N8HAR	1st Thursday 2nd Thursday
Thursday	2030	2 M	FM	147.08+ MHz	Gregg, N8GEO Mike, AC8ER Fritz, KE8BFW	3rd Thursday 4th Thursday 5th Thursday

Membership Request

Date: / /	L'Anse Creuse Amateur Radio Club		Treasurers Box		
Date:	Gregg Crump, N8GEO	Date Paid:			
Request For:	29729 South River Rd		Amount:		
1	Harrison Twp MI 48045-3030		Initials:		
\$20.00 LCARC Individual Membership Are you a New Member? (Y / N)	Only membership applications to go this address use the full 9 digit zip code when mailing in you				
\$30.00 LCARC Family Membership					
\$10.00 Print and Mail me The Tuned Circuit	Note: LCARC dues are from Nov 1st to Oct 31st Class License (Circle One)				
\$2.00 LCARC Student Membership (Under	18 years of age)	Novice Technician Tech+ General Advanced Extra			
\$10.00 Club Badge created with my Name and Call sign					
Please update my membership information b	because it has changed.	I am an ARRL Member: (Y / N / Life)			
Call sign: Old Call Sign:	Street:				
Name:	City:		State:		
Spouse:	Zip:	_6 Character Grid	Square (optional):		
Phone: () E	mail Address:				
(Please indicate your name above even if it hasn'	't changed, so we know who's giving us mor	ey and can mark t	hat you've paid in our records.)		

The Juned 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





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 <u>26980 Ballard St. Harrison Township, MI 48045</u> 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.