L'Anse Creuse Amateur Radio Club

THE TUNED CIRCUIT

Volume 45, Number 6, February 2025

Club Website: http://www.n8lc.org
Club E-mail: N8LC@arrl.net

Cllub "Reflector":

https://groups.io/g/LcRadioClub

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February Meeting Program

The Secretary's Report

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Club Nets

The Deadline for the next TC: Monday February 24th

Next Meeting

7:00 PM February **5th** 2025

at the Tucker Senior Center (see last page for map and address) with Zoom video conference access.

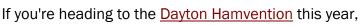
Meeting Program - The program for our meeting will be as reported on page 6!

The NEXT board meeting might be on Wednesday, February 19th, 2025 via Zoom. Click <u>here</u> for details .

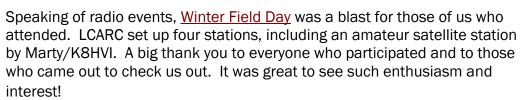
THE PREZ SEZ

Greetings, L'Anse Creuse Amateur Radio Club Members!

I'm really looking forward to the <u>Orland HamCation</u> this year—it's been a while since I last attended, pre-COVID to be exact. I'm excited about the seminars, and if I can find a good field radio while I'm there, I'll be one happy ham!



now is the time to book your reservations! [See Page 5 Editor] Don't wait until the last minute, or you might end up staying in Cincinnati because all the hotel rooms will be booked.



Looking ahead, mark your calendars for April 18th—World Amateur Radio Day. I'm hoping to set up one or two stations that would be accessible to the public so we can share the exciting world of amateur radio. Maybe we could partner with a local school or even set up in a mall. If anyone has any ideas or suggestions, please let me know!

'ARRL has teamed up with <u>HamSCI – Ham Radio Science Citizen</u> <u>Investigation</u> – and the science community organization <u>SciStarter</u> to invite the public to participate in <u>One Million Acts of Science</u> during April, which is Citizen Science Month. By hosting a Ham Radio Open House at your group's station on April 18, you'll introduce individuals who might never otherwise find out about today's amateur radio, where science and technology intersect with fun and learning.'

Many local high schools participate in <u>First Robotics</u>, and I thought it could be a fantastic opportunity to team up with a First Robotics group or even set up at one of their competitions. After all, they use radios to control their robots, so it's a natural fit!

That's about it for now. Hope to hear you on the air!

73 N8MKG / Dennis Jarzombek



Report of the Secretary

Submitted by Dennis Ruth / AC8JH

Call to Order:

President, Dennis/N8MKG called the January 8th, 2025, LCARC general membership meeting to order at approximately 7:00 PM at the Tucker Senior Center. A Zoom session was also available for those not able to attend in person.

Roll Call:

The following members were in attendance

Dennis/N8MKG, Marty/K8HVI, Mike/N5WCS, Lito/K8AJJ, Ron/KF8CFR, Tim/WF8TNT, John/N8FYL, Ken/KD8RJN, Scott/W8CQD, Fritz/KE8BFW, Rick/K8RWM, Hal/W8HJP, Russ/N8HAR, Dennis/WC8C, Ken/N8KC, Dennis/AC8JH, Keith/W8KD, Steve/KF8BVD, Dave/KC8BQW, Joe/N8HAP, Dale/K8RO, Gregg/N8GEO, Gary/KD8JM.

On Zoom: Tom/WU8C, Doug/N8PYN, Dave/W8WWP, Henry/N8AT, Tony/KD8SRQ, Joe/KE4ZYQ.

Visitors: None

FCC license upgrades: None

November Meeting Minutes: A motion to approve the December 2024 meeting minutes as posted in *The Tuned Circuit* was made by Rick/K8RWM and seconded by Tom/WU8C. The motion was passed.

Treasurer's Report: Gregg/N8GEO

Total amount in the account is	\$13,426.92
The youth Fund has	\$1028.73
Total available (unallocated) is	\$12398.19

Gregg/N8GEO sent \$96.00 for the Sync account, DTE bill was less than \$40.00.

A motion was made by Mike/N5WCS to approve the Treasurer's report, seconded by Lito/K8AJJ. The motion passed.

Membership Report: John/N8FYL, We have 98 members of which 4 are life members and 11 are getting the first year free membership. 17 have not renewed.

Tuned Circuit: John/N8FYL -The February 2025 Tuned Circuit deadline is Monday January 27th.

Swap Report: Russ/N8HAR reported about the LCARC swap December 1, 2024. He thanked everyone who helped out and next year's swap will be December 7, 2025. Russ said that there is no commitment yet on the 2025 swap date with the place we have our swap.

VE Testing: Gregg/N8GEO spoke about the LCARC VE testing. We have one person coming to the January 20th test session. Gregg thanked everyone who helped to make the last session a success.

Correspondence: Club voted to continue to sponsor a Michigan QSO Party award plaque for \$70.00. A motion was made by Marty/K8HVI to approve the purchase, seconded by Dave/W8WWP. The motion passed.

(Continued on page 3)

(Continued from page 2)

Net Control hosts: Nothing new. Net Control operators are still needed for several nets

QSL Report: Dale/K8RO reported that he logged 10 QSLs.

Net points: Nothing new.

Monthly Dinner out: The January Monthly Dinner Out will be on January 29th. It will be at McVee's on Long Lake, east of Rochester Road in Troy. Ken/KD8RJN set up the dinner and said "We have the Firepit room for 6:00 PM with plans for a start time of 6:30PM. Please respond to me if you are planning to come as I need to notify the restaurant on the 28th of our head count."

"Where's Doug": Doug will be at the Orlando HamCation in February, and locally we can go to the Livonia swap on SATURDAY, February 22.

ARRL Report: Hal/W8HJP talked about Contest University on the Thursday before Hamvention, and ARRL Youth Grant program.

Repeater Update: The cabinets are winterized. Everything seems to be working OK,

Technical Committee Report: Dale/K8RO said we have some work to do on the repeater after Winter Field Day.

Siren Testing Update: Marty/K8HVI provided an update on the Macomb Count Siren Testing. 17 sirens were tested, 16 were good and 1 failed. He reported this to the county. The sirens to be tested next month are listed on the website and you can sign up there to help.

Winter Field Day: Rick/K8RWM has found us a place for Winter Field day (**ATA BOY Rick**)! Taken from Rick's email to the club on January 12.

"We will run Winter Field Day (Jan 25 &26) at the Am-vets Post 52 located at 51285 County Line in New Baltimore, MI. This location is at the corner of Green Street (M-29) and County Line Rd. The hall we will be using is the 2nd building at the end of the parking lot. The hall has several sliding type windows to run coax to the outside. There is plenty of outdoor space for antennas of any type including a few very large trees and a large open field. The hall includes the following amenities: small kitchen, refrigerator, stove, microwave, serving bar, 2 TVs, tables and chairs." Also, whoever plans to set up a radio, bring something to help seal a window opening for coax pass through. A pool noodle or a pipe insulation rap works good. All the windows are vertical sliders. If you have any questions, Rick can be reached at 586-329-8572, or rwmeech@gmail.com. Hope to see you there." Rick suggested we could meet Saturday morning (Jan 25) at Alexanders Deli Restaurant. It is located on 23 Mile Road in the strip mall directly across from the Post Office.

Name Badges: Gregg/N8GEO reported he discovered that his email to the badge vendor was still in his drafts folder. He did send it today, and reported the vendor seems to already be working on it.

New Business: None

Activities Manager: Rick/K8RWM spoke about doing a presentation on portable antennas. Rick has a portable yagi and a new vertical that people might find interesting. Any member is encouraged to bring something in for presentation.

Close: Dennis / N8MKG closed the meeting, at 7:59 pm

Following the January 8th business meeting the assembled group participated in a White Elephant "gift" exchange. The first to choose was Lito/K8AJJ, followed by about 18 other merry makers. There was some gift "stealing" by Ken/N8KC, Keith/W8KD, Russ/N8HAR, and Tim/WF8TNT, but the "no more that 2 times" rule did not have to be enforced. At the end, Lito/K8AJJ, as the first to choose, now had the opportunity to steal any item he coveted. The result is the Astron power supply that was in the wrapped package selected by Fritz/KE8BFW went home with Lito! Better luck next year Fritz! (Like Fritz needs any more luck. HiHi). The fun was over about 8:45 PM and we all went home with our new "treasures".





Meeting Call to Order: Dale/K8RO called the January 15th, 2024 LCARC board meeting to order at 7:30 PM. The meeting was held via Zoom

Present were: Dale/K8RO, Gregg/N8GEO, John/N8FYL, Doug/N8PYN, Russ/N8HAR, Dave/W8WWP, Marty/K8HVI, Dennis/AC8JH.

Donated Equipment: A group of volunteers went to the home of Henry/N8AT and collected ham equipment Henry has donated to the club. *Thanks Henry!*

Winter Field Day: We discussed going to Am-vet's post 52 for Winter field day January 25-26. Gregg sent out an e-mail to the reflector to start organizing the field day events, including food, staying overnight, etc. We also discussed the rules for field day as stated at https://winterfieldday.org.

Club Badges: Gregg/N8GEO received the badges he ordered for club members and will bring them to the next club meeting.

Treasurer's Report: Gregg/N8GEO

Total amount in the account is	\$14.602.00
The youth Fund has	\$625.00
Total available (unallocated) is	\$13,997.00

Gregg spoke on the outgoing checks. \$70.00 for Michigan QSO party award. Dale/K8RO said we need to set up the club credit card for eQSL monthly fees. Gregg will setup a \$5.00 auto-pay with eQSL.

LCARC Swap Report: Russ/N8HAR has no new news. We don't have a commitment for a firm date for the 2025 swap but intend to stay with December 7 2025.

2025 Dayton Hamvention Room Info:

Ted/K8EO repeats that any member interested in a room through the club to contact him directly via email at Tedk8eo@gmail.com for booking Information.

The Hamvention 2025 Theme: Radio Independence.

Radio Independence means a great deal to us. In the age of POTA, SOTA, YouTube, and International Communications, radio is moving beyond its past limitations. In the course of history radio has been heavily regulated and, in some instances, banned altogether. We are fortunate to enjoy these freedoms and for us at Hamvention, we are proud of our Radio Independence. What does Radio Independence mean to you?



Membership Report

Welcome to Anara/KF8DCK (daughter of Tim/AD8JL and brother to Tyler/KE8WFY), and Clifton/KF8DFT. Clifton passed his Technician test at our 1/20 VE session. Our member count has peaked to 100, WooHoo, but will fall into the 90's after the February meeting.

Our membership comprises 96 regular members of whom 12 are "first-year free" members, and four Life members.

On January 28 I sent reminders to the 12 members that my records indicated they had not renewed. After 1 late renewal and a correction of 2 overlooked dues payments, there are still 9 members who have not yet renewed. Remember, if you have NOT renewed by the end of the February 2025 meeting you will be removed from the list of current members.

John / N8FYL - 01/30/2025



The next LCARC administered VE test session is scheduled for March 17, 2025 at the Tucker Senior Center. Doors open at 6:00 PM and testing start at 6:30 PM

VEs Please be there by 5:45 PM. Contact Gregg Crump n8geo.ham@gmail.com If you are interested in becoming a VE give Gregg a call at 586-738-2487



Zoom Meeting Details — effective 03/09/24



Join Zoom Meeting (Membership & Board Meetings)

https://us06web.zoom.us/j/83614331186?pwd=vweBsNgClXtuP14fvVGWspjbiUR6Ua.1

Meeting ID: 836 1433 1186 Passcode: 14708

Passcode which is also in the pwd= above.

Join Zoom Meeting is the link for the actual meetings. With this link, you should be able to create a bookmark in your browser, and then you can use that each month, as this link will not change for the rest of the year.

FEBRUARY 5TH MEETING!!!

Submitted by Rick / K8RWM

Editor types: I believe that the program will be about portable HF antennas. Highly likely to learn about the JNC Radio MC-750 Portable HF GP Antennas, and a portable Yagi.



January's VE Test Session Report

Submitted by Gregg/N8GEO

January's VE test session was a pretty successful one. Candidates passed 1 Technician, 1 General and 1 Extra test. We also have a new member, new Technician licensee Clifton/KF8DFT (with their first year free).

Also, THANKS to the Volunteer Examiners that showed up to administer the tests. This could not happen if you guys didn't show up.



It's been a busy past three months with the club sponsoring VE test sessions in November, December and January. It's time to take a rest. LOL. The next test session is in March, on the 17th. Thanks again everyone for all your help.

HamClock at WFD

Gregg/N8GEO brought out his <u>HamClock</u> "stuff" to Winter Field Day. Seated on the right is Gregg at the keyboard while Mike/N5WCS looks on. Several club members have implemented HamClock in one of its many variations. Mike has a turnkey-ish solution from <u>Inovato</u>. It is also possible to run HamClock on a Windows PC using the WSL (Windows Subsystem for Linux).





Winter Field Day (WFD) 2025

Report concocted mostly by Editor John/N8FYL

After investigating several possible sites for N8LC WFD operations after the January meeting, club Activities Manager Rick/K8RWM, found, and secured a room/hall at the Amvets Post 52 located at 51285 County Line Rd. New Baltimore, MI 48040.



Below is a view of the N8LC operation in the room at the AMVets Post 52 created by overlapping two of the photos I received from Ron/KF8CFR.



From the left is the CW station provided by Dale/K8RO (seated), being observed by Ken/N8KC. In the far corner of the room, beyond the table of snacks, is the HamClock brought by Gregg/N8GEO. To the right of the US flag, in the blue shirt, is Marty/K8HVI at the satellite station position. To Marty's right is Rick/K8RWM at the digital station he set up. And along the right wall is the SSB station of Dennis/AC8JH.

What did all these stations accomplish during the WFD activity? Dale/K8RO reports:

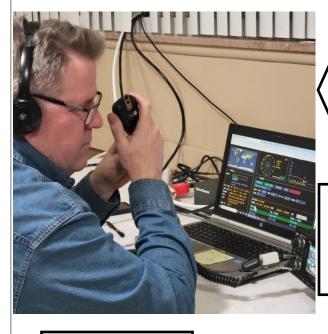
A great time was had by all. I would say we had between 12-20 people show up. I am not sure how many actually operated. We had 491 phone QSOs, 150 CW, and 19 digital. That gave us 829 QSO points and we have claimed 22 objective multipliers out of a possible 26. Since we did not operate QRP we could not claim that "times 4" multiplier but got everything else. Marty/K8HVI made 15 satellite QSOs, and while they don't count for QSO points they did give us 5 more multipliers.

(Continued on page 8)

(Continued from page 7)

This report has been aided by the 70 pictures I received from: Ron/KF8CFR—32, Russ/N8HAR—10, Dave/W8WWP—10, Dale/K8RO—7 Gregg/N8GEO—7, and Ken/N8KC—4.

The sign up sheet image captured at 8:10 PM has 10 club member calls and 1 guest = 11. Plus I identified 2 members and 1 additional guest in submitted photos, and I know of 1 more member who was there on Sunday. So for sure, 13 members and 2 guests are known to have participated.

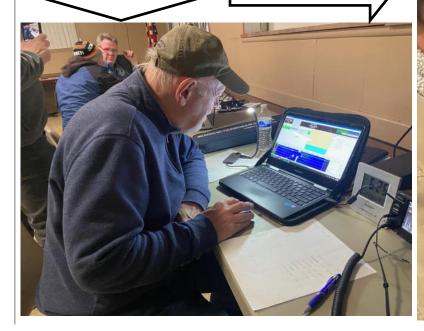


Marty/K8HVI works to make a satellite contact.

Ken/N8KC makes some CW QSOs observed by Rick/K8RWM



Rick/K8RWM works the HF Digital station he set up. Lito/K8AJJ is adding SSB QSOs to the log with Dennis/AC8JH's IC-7300 station.









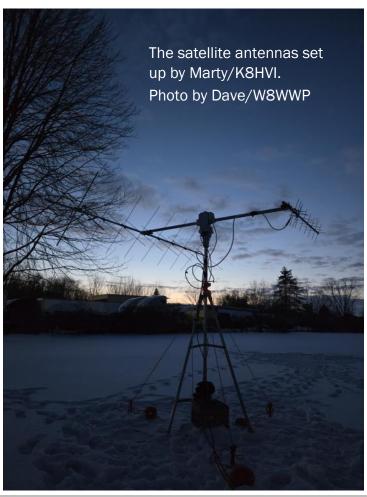












Future Programs & Activities

Rick/K8RWM — Activities Manager

February 5, 2025 Regular membership meeting—Portable HF Antennas

March 5, 2025 Regular membership meeting

March 17, 2025 VE Testing Session at Tucker Senior Center

April 2, 2025 Regular membership meeting

April 19, 2025 Michigan QSO Party www.miqp.org [Easter Weekend]

May 7, 2025 Regular membership meeting

May 16-18, 2025 Hamvention

May 19, 2025 VE Testing Session at Tucker Senior Center

June 4, 2025 Regular membership meeting & annual Fox Hunt

June 28-29, 2025 ARRL Field Day

July 21, 2025 VE Testing Session at Tucker Senior Center

The Livonia Amateur Radio Club



Swap-n-Shop Saturday February 22, 2025 Sale Hours: 8:00 AM to 12 Noon



Absolutely no buying or solling before 8:00

Absolutely no buying or selling before 8:00 AM

Buy, Sell or Trade Amateur Radio Gear ARRL Sanctioned

- * Electronics
- * Antennas
- * Test Equipment
- * Computers
- * Ham shack accessories & more!

NEW LOCATION!

Ward Church, Knox Hall 40000 Six Mile Road Northville, MI 48168 West of Haggerty Road

Talk-In: K8UNS LARC Repeater 145.35 PL 100 Hz

Door Prizes from ARRL and (LALPHA ANTENNA®

• \$100 Cash Grand Prize! •

ADMISSION: STILL ONLY \$5! (cash @ door)

Admission ticket pre-sales are available only to vendors/sellers with advance table purchases; visit the website for reservation info.

https://livoniaarc.com/larc-annual-swap-and-shop/

swap@livoniaarc.com

Phone: 734-648-6453

Same-day tables are subject to availability.

L'Anse Creuse ARC Board Members — 2025

President

Dennis Jarzombek , N8MKG 45985 Hollowoode Ln Macomb, MI 48044-4170

586-838-8500

jarzombek@outlook.com

VP and President-Elect

Dale McGorman, K8RO 2855 Norton Lawn Rochester Hills, MI 48307-443 I 248-852-9130 k8ro@arrl.net

Secretary

Dennis Ruth, AC8JH 53359 Mark Dr Shelby Twp, MI 48316-2374 248-805-2409 ac8ih@arrl.net

Treasurer

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

ARRL Liaison

Hal Price, W8HJP 1995 Shamrock Ln Marysville, MI 48040-2047 586-419-9193 w8hjp011@gmail.com

Activities Manager

Rick Meech, K8RWM 51660 Laurel Oak Ln Chesterfield, MI 48047-1422 586-329-8572 rwmeech@gmail.com

Past President

Marty Folz, K8HVI 40360 Ryan Rd Sterling Heights, MI 48310-1756 586-268-0544 k8hyi@arrl.net

Technical Officer

Doug Chauvin, N8PYN 29112 Elmwood St. St Clair Shores, MI 48082-1616 586 775-1891 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 on a Wednesday after the regular membership meeting at a date and time determined by the President. Board meetings will be held via Zoom video conferencing. Click here for the Zoom details. All club members are welcome to participate. Should a board meeting have a planned cancellation, this cancellation will be announced in the newsletter. Other updates may be posted on LcRadioClub@groups.io

Club Founder - Art Ellis W8PBO SK

Club	Committee	Chairmen
OIGO		OHAHHUH

ARRL HF Awards Manager			Little Bay Awards	Dale McGorman	K8R0
ARRL HF Awards Assistant					
ARRL VHF/UHF Awards Manager			Membership Chairman	John Huber	N8FYL
Call Sign ID Tags	Gregg Crump	N8GEO	Net Points Manager	Tom Mathison	WU8C
Christmas Party	Mark Castiglione	N8REZ	Net Points Upgrade Awards	Clem Duval	W8V0
Club Apparel & Patches	Scott Hernalsteen	W8CQD	The Tuned Circuit email Distribution	John Huber	N8FYL
Club Call Trustee - N8LC	Marty Folz	K8HVI	Outgoing QSL Manager	Dale McGorman	K8R0
Code Proficiency Awards			QSL Cards	Dale McGorman	K8R0
Dayton Trip	Gregg Crump	N8GEO	Swap Chairman	Russ Price	N8HAR
Door Prizes—Buyer			Tuned Circuit Editor	John Huber	N8FYL
Door Prizes—Tickets	Mike Koenig	N5WCS	Volunteer Exams	Gregg Crump	N8GEO
Echo Repeater Trustee	Marty Folz	K8HVI	Webpage (<u>www.n8lc.org</u>)	Marty Folz	K8HVI
Field Day	Gregg Crump	N8GE0	Webpage Assistant		
Health & Welfare	Cheryl Jarzombek	N8MKF	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. 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

The LCARC 2025 test session dates are March 17, May 19, July 21, September 15, November 17, and at our 2025 swap on December 7.

Contact Gregg Crump n8geo.ham@gmail.com

There are other testing opportunities available in our area according to the ARRL web site.

Go to http://www.arrl.org/find-an-amateur-radio-license-exam-session. Enter your Zip Code and the "within" distance, and click SEARCH.

Study Resources:

https://study.affirmatech.com/

https://www.hamradiolicenseexam.com

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/

https://github.com/w7sst/MorseRunner

https://morsle.fun/ <-- NEW 12/24

http://www.g4fon.net

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



Upcoming Swaps

02/08/2025 - Cherryland ARC Ham Swap

Location: Traverse City, MI **Type:** ARRL Hamfest

Sponsor: Cherryland Amateur Radio Club

Website: http://cherrylandarc.com Learn More

02/22/2025 **Saturday!**

<u>Livonia Amateur Radio Club Annual Swap & Shop</u>

Location: Ward Church, Northville, MI [Editor: NEW Location!]

Type: ARRL Hamfest

Sponsor: Livonia Amateur Radio Club

Website: https://livoniaarc.com Learn More

03/16/2025 - Toledo Mobile Radio Association

Hamfest and Computer Fair

Location: Perrysburg, OH **Type:** ARRL Hamfest

Sponsor: Toledo Mobile Radio Association

Website: http://www.w8hhf.org Learn More

05/03/2025 - Wexaukee ARC Swap & Shop

Location: Cadillac, MI Type: ARRL Hamfest

Sponsor: Wexaukee Amateur Radio Club

Website: http://wexaukeearc.org Learn More

05/16-18/2025 - <u>Dayton Hamvention</u>

Location: Xenia, OH
Type: ARRL Convention

Sponsor: Dayton Amateur Radio Association

Website: http://hamvention.org Learn More

06/08/2025 - Crossroads Hamfest

Location: Marshall, MI Type: ARRL Hamfest

Sponsor: Southern Michigan Amateur Radio Society
Website: http://www.w8df.com
Learn More

06/15/2025 - Monroe Hamfest

Location: Monroe, MI Type: ARRL Hamfest

Sponsor: Monroe County Radio Comm Association

Website: http://mcrca.org/
Learn More

L'Anse Creuse Amateur Radio Club Nets

Click the link above to open the Google Docs Net Control Schedule / Sign up Sheet

Click the link above to open the Google Docs Net Control Schedule / Sign up Sheet								
Local Time	NET	Mode	Frequency in MHz	First week	Second week	Third week	Fourth Week	Fifth Week
Monday evening:							Link to the Ne	t Preamble
20:00	15M	CW	21.165	Dave W8WWP	Net is ina	ctive. Seek	ing Net Control o	perators.
20:30	15M	USB	21.395	Dave W8WWP	Lito K8AJJ	Gregg N8GEO		
21:00	6M	USB	50.160	Gregg N8GEO	Russ N8HAR	Dale K8RO	Lito K8AJJ	
Tuesday evening: <u>Link to the Net Preamb</u>						t Preamble		
21:00	2M	FM	147.08+		ing Heights CE C sanctioned r		uesday of the me Sterling Heights	
Thursday evening: <u>Link to the Net Pream</u>						t Preamble		
19:30	10M	USB	28.435				Gregg N8GEO	
20:30	2M	FM	147.08+	Dave W8WWP	Russ N8HAR	Gregg N8GEO	Tom WU8C	Fritz KE8BFW

Membership Request

Date://	L'Anse Creuse Amateur Radio Clu				
Butc	Gregg Crump, N8GEO	Date Paid:			
Request For:	29729 South River Rd	Amount:			
request 1 or.	Harrison Twp MI 48045-3030	Initials:			
\$20.00 LCARC Individual Membership Are you a New Member? (Y / N)	Only membership applications to go this ac use the full 9 digit zip code when mailing it				
\$30.00 LCARC Family Membership		N. IGARGA S. N. J. O. M.			
\$2.00 LCARC Student Membership (Unde	er 18 years of age)	Note: LCARC dues are from Nov 1st to Oct 31st			
\$2.00 Let the student Weinbership (end	or 10 years or age)	Class License (Circle One)			
Please update my membership information	because it has changed.	Novice Technician Tech+			
I am an ARRL Member: (Y/N/Life)		General Advanced Extra			
Call sign:Old Call Sign:	Street:				
Name:	City:	State:			
Nickname:	Zip:				
Spouse:	6 Character Grid Squa	are (optional):			
Phone: (Email Address:				
(Please indicate your name above even if it has	n't changed, so we know who's giving us	s money and can mark that you've paid in our records.)			

The Tuned Circuit

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

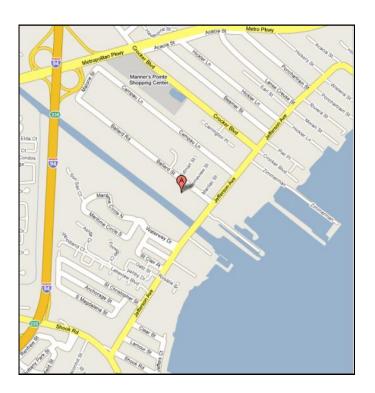
First Class
Postage
+ Extra
Ounce





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 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.