Volume 41, Number 5, January 2021

THE TUNED CIRCUIT

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

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January Meeting Program

The Secretary's Report

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February TC Deadline: Monday January 25th

Next Meeting - 7:00 PM January 6th 2021 on the ECHO repeater,

NOT at the Tucker Senior Center (see last page for map and address).

Meeting Program - The program for our meeting will be as reported on page 5!

The NEXT board meeting might be on Wednesday, January 13th, 2021.

The January LCARC meeting will be conducted on the 2M ECHO repeater on Wednesday, January 6th, 2021 at 7:00 PM. Try to participate for the important vote on the motion for additional funds for repeater maintenance.

FCC Reduces Proposed Amateur Radio Application Fee to \$35

12/30/2020

The FCC has agreed with ARRL and other commenters that its proposed \$50 fee for certain amateur radio applications was "too high to account for the minimal staff involvement in these applications." In a Report and Order (R&O), released on December 29, the FCC scaled back to \$35 the fee for a new license application, a special temporary authority (STA) request, a rule waiver request, a license renewal application, and a vanity call sign application. All fees are per application. There will be no fee for administrative updates, such as a change of mailing or email address.

The effective date of the fee schedule has not been established, but it will be announced at least 30 days in advance. The FCC has directed the Office of Managing Director, in consultation with relevant offices and bureaus, to draft a notice for publication in the Federal Register announcing when rule change(s) will become effective, "once the relevant databases, guides, and internal procedures have been updated."

See more information at: http://www.arrl.org/news/fcc-reduces-proposed-amateur-radio-applicationfee-to-35, https://www.kb6nu.com/fcc-sets-amateur-license-fee-at-35/, and Report and Order FCC 20-184.

Report of the Secretary

by Marty / K8HVI

Meeting Call to Order:

The Gregg/N8GEO called the December 2nd, 2020 LCARC general membership meeting to order at 7:00PM on the ECHO 2m repeater.

Roll Call was taken, and we had 13 members (N8GEO, N8FYL, N8HAR, N5WCS, K8AJJ, K8HVI, N8KC, K8RO, N8AT, AC8JH, N8PYN, KD8RJN, WA8BIJ)and 1 guest (KE4ZYQ) present.

No license upgrades this month.

No motion to approve the prior month's meeting minutes was solicited, nor made.

Treasurer's Report: by Gregg/N8GEO:

Total amount in the account is	\$5,979.98
The Youth Fund has	\$365.00
The Repeater Fund has	\$161.54
The Repeater Project has	\$1,190.96
Total amount available (unallocated) is	\$4,262.48

Membership and Tuned Circuit Report: by John/N8FYL:

It is the same as it was posted in the last *Tuned Circuit*.

The January Tuned Circuit deadline is Dec. 28th, 2020.

Gregg/N8GEO stated that he is still getting the electronic payment process set up so that it will be no cost to send in membership dues electronically.

Where's Doug: by Doug/N8PYN - No events.

Net Points: Clem/W8VO – Not available to give a report.

Old Business: No old business.

New Business:

Repeater Project Update: Marty/K8HVI

We completed the second site visit with the engineering company. We did a more detailed review of antennas and feed lines.

We learned that the 2 meter feedline is bad. The 2 meter antenna is in good shape. This is a new item that we did not anticipate prior to doing this project. But since we already have the engineering group on site, it makes the most sense to address this problem at this time. We will first try to change out the connector at the top. If that doesn't fix the problem, then we will have to run new feedline. We will need approximately 300 feet of feedline for this (100 feet from repeater out to base of tower and 200 feet up to antenna).

We will also need to extend 2 feedlines from the 100 foot platform to our new 175 foot platform.

(Continued from page 2)

So, we estimate we would need up to 600 feet of new feedline to do all the runs and jumpers for all the antennas (includes installing 2 new antennas).

The new unplanned items make us short with a current estimate of \$1,793 to finish the project. This will cover all the labor, feedlines, connectors, mounts, and accessories needed to complete all work. To date, we have spent around \$2,300.

The group then went into a period of some discussions/questions and explained more detail on what types of testing and the results from them.

It was suggested that we ask the engineering company to also perform a TDR on our feedlines.

Dale/K8RO made a motion to fund the additional repeater work required that we just discussed. For this, we would allocate another \$2000 to the Repeater Project. Knowing that it is not expected that we will need that amount (current estimate is \$1,793), this will give some headroom if there are some other unexpected items which come up. Motion was seconded by Mike/N5WCS

The motion passed. Since this is a motion that is over \$1,000, it will take two meetings before this can be completed. So, at the January meeting, there will be a second vote for this motion.

Nominations For Officers:

Dale/K8RO accepted VP/President-Elect, Marty/K8HVI re-upped for Secretary. Gregg/N8GEO re-upped for Treasurer. Doug/N8PYN re-upped for Technical Officer.

No one was nominated for Activities Manager or ARRL Liaison. Since all positions nominated had no opposition, they all won their position for the next year.

That leaves the Activities Manager or ARRL Liaison positions open. Gregg/N8GEO read the job descriptions for these 2 positions. Please consider running for one of these 2 positions.

Close Meeting:

Gregg/N8GEO closed the meeting at 8:04pm.

Michigan QSO Party Chairman & Log Checker K8CC, SK

Sad to announce that Dave Pruett, <u>K8CC</u>, became a Silent Key on December 29. Dave's brother Tom, WB8VMN, reports that Dave passed away peacefully and in no pain.

Though slowed in recent years by health issues, Dave was a very significant contributor to the contesting community. He was a long time member and past president of the <u>Mad River Radio Club</u>, author of the NA contesting logging software, a log checker for the ARRL 10 Meter and 160 Meter contests, chairman of the <u>Michigan QSO Party</u> and a former editor of the *National Contest Journal*. He built and operated, both as single op and multiop, a very competitive contest station in Ypsilanti, Michigan.

Dave's obituary is at: <u>David Alan Pruett Obituary - Visitation & Funeral Infor-</u> <u>mation</u> (<u>uhtfuneralhome.com</u>)



JANUARY 6TH MEETING WILL BE ON THE AIR!!!

The January **in person meeting is canceled** due to the COVID-19 pandemic restrictions that are in place. The meeting will be on the 2M Echo/N8LC 147.08 MHz, 100Hz PL, +600KHz offset.

One **IMPORTANT** business item will be the **second** required vote on the motion to spend over \$1000 on additional repeater improvement items. <u>See the details in the secretary's minutes.</u>

PLEASE make every effort to participate so that we meet the required quorum count to be able to conduct business.



Membership Report

Four additional renewals since the December report brings the total to 49 renewed members. The 12 procrastinators appear to be waiting until the last minute to complete their membership renewal! The renewal rate is at 80%.. Remember that those who have **NOT** renewed by the end of the February meeting will be purged from the active member status.

Paying for your membership is available via PayPal (for a modest fee). See the article below.

We are at 70 members. 9 are life members, and 61 are regular members, of which 3 are enjoying the final month of the first year free experience.

It is my plan to send an email renewal reminder, after the January meeting, to those members who have not renewed.

John / N8FYL - 12/29/2021

A 21st Century Way to Pay your dues

To pay your dues via PayPal go to your <u>PayPal account</u> (obviously, right?), log in and send a payment of \$20.00 to <u>Treasurer@N8LC.org</u>. You will be charged the "modest" (PayPal's adjective) fee of \$0.88 for the convenience of using PayPal. In the "Add a note" section you should include your name and callsign (if you have one) so it will be clear who the money is coming from. The treasurer will receive an email letting them know that you have submitted a payment. I'm still working through the process on my end and there might be a few more tweaks (on my end) but it does work.

73

Gregg / N8GEO



A Stew Perry Poem from VE3YT

From http://lists.contesting.com/pipermail/cq-contest/2020-December/126060.html

I (VE3YT) wrote this to send to local contest newbies to encourage them to consider the Stew:

'Twas the day after Christmas, when all through the house Kids played with their toys and the cat caught a mouse. Gathered round the tree, the people made merry While the ham in the shack prepared for Stew Perry.

Although the Stew Perry contest was only Morse code The ham didn't mind, 'twas his favorite mode. The inverted L hung in a tall tree with care; N1MM was loaded with the local grid square.

In the mid-afternoon the ham heard only static And flew to the window looking down from the attic To check the antenna, but it was still there. It went up 30 feet, then across in the air.

His radials, of which he had only two, They were not even straight but he hoped they would do. It was not yet dusk, the sun was still high The ham sat and relaxed with an audible sigh.

As the sun started to set, there arose such a clatter, The ham spun the dial to see what was the matter. 160 meters was full of sigs that were strong The ham picked one out and joined in the throng.

A few hours later, after running the band The ham relaxed a bit, turkey sandwich at hand. Already 100 QSOs in the log, The ham dreamt of a Beverage or maybe a BOG.

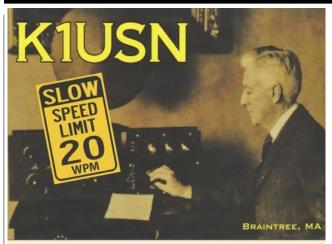
As dawn approached, the ham was still at his work Nodding off, a call woke him up with a jerk. It was Santa, who had just got on for a bit "MERRY CHRISTMAS TO ALL, AND TO ALL A DIT DIT."

"The Stew" is the <u>Stew Perry Top</u> <u>Band Distance Challenge</u>

This event was created by a small group of contesters who were interested in 160 meters (TopBand). The most unique feature of this contest is that the point value of QSOs depends on the distance between the two stations. You are given one point plus another point for each 500 kms of distance. Points are also multiplied for lower power categories, for both the sending and receiving station.

The activity levels for this contest continue to grow, but the band tends to be less crowded than the other contests, making it easier to work DX.

The December event, which is the "Big" Stew, has the highest participation, which is due to the good conditions for the Northern Hemisphere, but also due to the plaques that are sponsored.



KIUSN SST Weekly CW Slow Speed [Con]Test Several members of the K1USN Radio Club, who are also members of the <u>CW Operators' Club (CWops)</u>, started a one-hour *Slow Speed* [con]Test, the SST, on September 14, 2020.

The weekly 20 WPM or slower SSTs can help one build their confidence with CW contest operating. Maybe you have the confidence but prefer a more leisurely CW pace. The SST will fill do both!

The date and time for the weekly SST: 00:00-01:00 UTC Mondays which is: 19:00-20:00 (7-8 pm) US EST Sundays

See <u>http://www.k1usn.com/sst</u> for all the details.

For those who log with <u>N1MM+</u>, the <u>UDC</u> (user defined contest) was updated on 10/20/2020 so you might need to download the <u>newest version</u>.

Reminder! (to those 12 who haven't already renewed)

2020/2021 LCARC club dues are due NOW

You can use either the pre-filled Membership Renewal form that was emailed to you **OR** a Membership request form on page 15.

MAIL the form to our Treasurer Gregg, N8GEO, at the address on the form

AND include your check OR let Gregg know you have paid via PayPal (see item elsewhere in this issue)

Have YOU renewed your LCARC dues yet?

Below is a list of all those who HAVE renewed as of 12/29/2020. If your call is **not** in the list, and your check is **NOT** in the mail, then you are one of the 12 we are waiting to hear from. If you are certain you have renewed, and you are not in the list, please let me know and Gregg and I will investigate.

John / N8FYL Membership Chairman n8fyl@arrl.net

AC8ER	KA8JJN	N4LZ	N8REZ	W8WZ
K8AJJ	KA8VSI	N5WCS	N8TTT	W8YNZ
K8CJ	KB8QYJ	N6WY	NW8W	WA8BIJ
K8E0	KB8WCA	N8AT	W8CQD	WB8ILI
K8GTV	KC8BW	N8FYL	W8ITC	WB8LWS
K8HVI	KD8DS	N8GE0	W8KD	WC8C
K8LRM	KD8LLT	N8HAR	W8LDB	WN8IZV
K8NVH	KD8RJN	N8GLB	W80WL	WU8C
K8PLY	KE8BFW	N8KC	W8PB0	
K8R0	KE8HHA	N8KNS	W8R0I	
K8RWM	KE8IYB	N8NXW	W8TRW	
K8VFR	KE8JBR	N8NLK	W8V0	

40 Meter Delta Loop

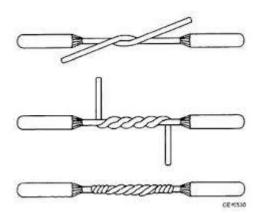
By: Carl Davis W8WZ

I just can't stop fiddling with my antennas. The other day my oldest inverted V, which was up at 100 feet and fed with homemade 600-ohm open wire feedline finally met its demise. Wind blew some branches into it, they became tangled and the entire thing needed to come down to be repaired.

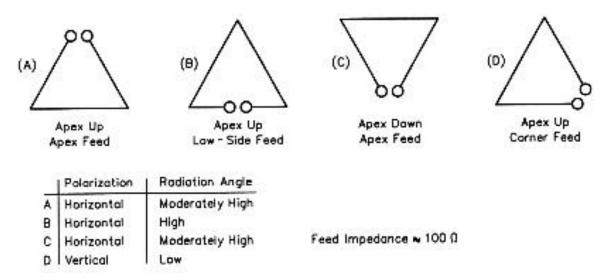
I have another inverted V at a decent elevation, so rather than put that old antenna back up as it had been, I decided to make it into a 40-meter Delta Loop. Diversity being the spice of life, and all, I figured it would be good to have a Delta Loop to keep the inverted V and inverted L company.

The new antenna is hung as an apex up Delta loop. The apex hangs at an elevation of about 66 feet. It is fed at the apex with commercially made 450 ohm window line purchased from <u>www.thewireman.com</u>

until it reaches 10 feet above the ground. Then that connects to what was left of my homemade 600-ohm open wire feedline, and that goes across the yard at an elevation of about 10 feet and into the ham shack. There is of course a small impedance bump where the two different feedlines come together. This is not ideal, but due to the low loss of ladder line, and the fact that a tuner will be used with this antenna system at all times, I don't have a problem with this imperfection. This small imperfection is worth the labor savings found in using the store bought window line and since the run of open wire across the yard was still in good shape, I didn't see the point in replacing it. So the splice works fine. The two are connected using the Western Union Splice.



The following image from <u>W5SDC.net</u> shows the different ways Delta Loops can be installed.



Mine is installed according to figure A, giving me horizontal polarization and a "Moderately high" radiation angle. This is the lowest radiation angle that can be achieved with an apex up Delta Loop using horizontal polarization.

The open wire feedline comes into the shack through a wood framed window. There it connects to a knife switch that grounds it when not in use. When in use, it switches into a 1:1 current balun. After that

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coax connects it to a switch that allows any of my boat anchor radios to access it. This radio can be accessed by my Johnson Viking 1, WW2 Paraset, Drake TR4CW, Heathkit HW101, Kenwood TS830 or a modern(ish) lcom 738. I can also patch other radios into it easily as desired.

Once the work was done, it was time for the fun. The antenna analyzer in the shack shows it resonant at about 6.8 Mhz. Again, since I will be using a tuner, and feedline loss is very low, I didn't see the need to make further adjustments. Using a tuner, I can use it on 40, 20, 15, and 10 meters. The antenna analyzer indicates that I can likely also use it on 6 meters, but I don't have a radio for that band attached to it to try.

Using the TS830, I called CQ on 40 meter CW during the afternoons of 27 and 28 December. I had nice rag chews with stations in FL, MA, RI, IL and PA. I got signal reports ranging from 559 to 599. That sounded like a pretty typical rag chew session for that band at that time of day. I was very happy.

I knew it "worked" but I wondered how it compared to my other new antenna, the end fed half wave from <u>myantennas.com</u> that I wrote an article about a couple of months ago. The "<u>my antennas</u> <u>EFHW8010-2k</u>". I have that antenna installed as an Inverted L with 80 feet of it vertical and 50 feet of it horizontal going from the North to the south at an elevation of 80 feet. Since that antenna is connected to my Icom IC7300, I didn't think a receive test using the HW101 on the Delta Loop vs the 7300 on the Inverted L would be that fair. No offence to the engineers from Benton Harbor.

But, 100W is 100W. So a transmitting competition seemed very fair. This is easy to do thanks to <u>www.reversebeacon.net</u> RBN is a very cool computer network hooked up to receivers all over the world. If you call CQ using CW, then go to that webpage and search for your call sign, it will show you the various receivers that heard you and give you a signal to noise ratio number.

So at 7:15 PM Eastern on 29 December 2020, I called CQ on 40 meters with the My Antennas End Fed Half Wave EFHW8010-2K Inverted L. Then, just seconds later, I called CQ on the same band using the Delta Loop. The results are below:

Station	Delta Loop	Inverted L
K07SS	16	19
ACOC-1	21	0
K9TM-4	14	0
VE6WZ	25	0
КЗРА	20	25
ACOC-2	23	0
K07SS-7	12	15
K9IMM	20	0

Station	Delta Loop	Inverted L
K9TM-4	0	23
WA7LNW	0	15
OE9GHV/9	0	8
DL1AXX	0	7
WB6EE	0	24
WE9V	0	14
KP2RUM	0	17
N5RZ	0	26

As you can see both antennas did rather well. But I think there is a clear winner. From the stations that reported on both signals, the Inverted L was always louder. Also, other than a VE6, there are no DX reports from the loop, where as there are a couple of Europeans reporting back on the Inverted L. That is not surprising as a horizontally polarized antenna with a "moderately high" radiation angle, is n't going to be great for the dx. The inverted L on the other hand, has a low angle of takeoff, for both its vertical and its horizontal fields. Also, the Inverted L does not require the use of a tuner for multi-

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band use as the loop does.

Obviously, these tests are not very scientific, but they do represent two different wire antennas and their relative performance as observed over the course of a few days.

The delta loop is a fine antenna and I plan to leave it up for the foreseeable future. The main use for the boat anchors it serves is simple rag chewing and occasionally checking into a net, and this antenna will serve those needs very well. It will get a good work out for SKN as I tend to use the old rigs for that event. Future testing will involve seeing how it does listening to short wave broadcasts as I have been told loops are very good for that due to being quieter than the other types of antennas in my yard.

I Wonder What I Sound Like On The Other End of a QSO?



Anyone who wishes to do so can look up recordings of contest QSOs they have made at <u>https://qsorder.hamradiomap.com/</u>. This site allows radio amateurs to share their contest and DXpedition audio recordings, usually made with the <u>N1MM Logger+</u> and the <u>Qsorder plugin</u>. Most but not all are CW, and not all are useful, but it is interesting to hear yourself from the other end. Search is by the recorded station callsign. and returns a list of stations that have recorded you over the last several years. Click on a given recording station, and you're given a list of your recordings by that station, by date and contest name. You can play them individually.

CALL	Count	CALL	Count
K8E0	1	N8FYL	10
K8R0	3	N8HAR	1
N4LZ	9	N8LC	1
N5WCS	1	W8WZ	1

I did a manual search of all the calls in the club roster, and I found recordings for the calls listed in the table. It turns out that the operator of the recorded N8LC was me, N8FYL, at Field Day in 2016.

73, John / N8FYL

Future Programs & Activities

"The Phantom" — Activities Manager

- January 6, 2021 Regular meeting night. Meeting to be conducted on 2M Echo Repeater
- January 30, 2021 Winter Field Day
- February 3, 2021 Regular meeting night
 - March 3, 2021 Regular meeting night
 - April 7, 2021 Regular meeting night
 - April 17, 2021 Michigan QSO Party-NOT Easter weekend!

L'Anse Creuse ARC Board Members - 2020

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 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

100 HZ PL

Treasurer

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

ARRL Liaison Gregg Crump, N8GEO 29729 South River Rd Harrison Twp, MI 48045-3030 (586) 477-0364 n8geo@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: Second systemImage: Second systemImage: Second systemLC Echo 2 Meter Repeater
Yaesu DR-1XImage: Second systemImage: Second systemLC Echo 70 cm Repeater
Yaesu DR-1XImage: Second systemImage: Second system

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 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

Club Committee Chairmen

ARRL HF Awards Manager	Tom Mathison	WU8C	Little Bay Awards	Dale McGorman	K8R0
ARRL HF Awards Assistant	Vince Cuker	WA8BIJ	Meeting Refreshments	Russ John	N8HAR N8NXW
ARRL VHF/UHF Awards Manager	Allan Koch	KA8JJN	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	K8R0
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 tape 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

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 <u>http://www.arrl.org/find-an-amateur-radio-license-exam-session</u>. 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 13 sessions spanning the time until a year from now. I have included the blurb about then two in December to the right in the space normally filled with Upcoming Swap information.

Online Practice Exams:

https://www.eham.net/exams

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

http://www.ah0a.org/AH0A.html

Morse Code Resources:

Learn CW Online http://www.g4fon.net http://www.pdarrl.org/k6rau/ http://www.ac6v.com/morseaids.htm http://www.ac6v.com/morseaids.htm



Upcoming Swaps

There are NO known hamfests in our area to list at this time.

Upcoming VE Exam Sessions

01/08/2021 | Livonia MI 48154-3045
Sponsor: Livonia ARC
Date: Jan 08 2021
Time: 7:00 PM (No Walk-ins / Register or Call ahead)
Contact: Michael A. Rudzki
(734) 941-5043
Email: n8mr@wowway.com
VEC: ARRL/VEC
Location: Livonia Police Department
15050 Farmington Rd
Register 24 hours in advance!!
Livonia MI 48154-3045

01/10/2021 | Shelby Township MI 48317-1307
Sponsor: U.S.E.C.A ARC
Date: Jan 10 2021
Time: 12:00 PM (Walk-ins allowed)
Contact:

(586) 758-0764 VEC: <u>W5YI VEC</u> Location: Packard Proving Grounds 49965 Van Dyke Ave Shelby Township MI 48317-1307

• 02/14/2021 | Shelby Township MI 48317-1307

Sponsor: U.S.E.C.A ARC Date: Feb 14 2021 Time: 12:00 PM (Walk-ins allowed) Contact: (586) 758-0764 VEC: W5YI VEC Location: Packard Proving Grounds 49965 Van Dyke Ave Shelby Township MI 48317-1307

It appears that the U.S.E.C.A. sessions are EVERY second Sunday of the month. Currently showing through 03/14/2021 on the ARRL list.

There are some others, but they are farther away (Livonia and Wyandotte) so check online to get details about them.

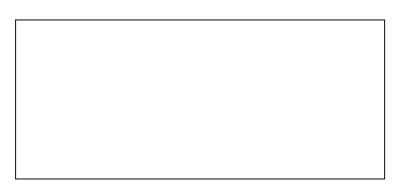
L'Anse Creuse Amateur Radio Club Nets						
Day	Local Time	Band	Mode	Frequency	Net Control	Calendar
Monday	2000	15 M	CW	21.165 MHz	Clem, W8VO	Every Monday
Monday	2030	15 M	USB	21.395 MHz	Clem, W8V0	Every Monday
Monday	2100	6 M	USB	50.160 MHz	Gregg, N8GEO	Every Monday
Tuesday	2000	2 M	Packet	144.93 MHz	RF Net is QRT	Every Tuesday
		Internet	telnet	ve2har.dyndns.org	Ralph, W8ROI	(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
					Clem, W8VO	1st Thursday
					Mike, AC8ER	2nd Thursday
Thursday	2030	2 M	FM	147.08+ MHz	Gregg, N8GEO	3rd Thursday
					Mike, AC8ER	4th Thursday
					Fritz, KE8BFW	5th Thursday

Membership Request

Date: / /	L'Anse Creuse Amateur Radio Club	Treasurers Box
Duc//	Gregg Crump, N8GEO	Date Paid:
Request For:	29729 South River Rd	Amount:
	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 Circu	Note: LCARC dues are from Nov 1st to Oct 31st Class License (Circle One)	
\$2.00 LCARC Student Membership (Under	Novice Technician Tech+ General Advanced Extra	
\$10.00 Club Badge created with my Name a	and Call sign	
Please update my membership information b	I am an ARRL Member: (Y / N / Life)	
Call sign: Old Call Sign:	Street:	
Name:	State:	
Spouse:	Zip:	_6 Character Grid Square (optional):
Phone: () H	Email Address:	
(Please indicate your name above even if it hasn	't changed, so we know who's giving us more	ey and can mark that 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</u>, <u>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.