

THE TUNED CIRCUIT

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

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**March TC
Deadline:
Monday
February 24th**

Next Meeting - 7:00 PM

February 5th 2020 at the Tucker Senior Center (see [last page](#) for map and address).

Meeting Program - The program for our February meeting will be as reported on [page 5!](#)

The NEXT board meeting will be on Wednesday, Mar 11th, 2020.

THE PREZ SEZ

We are one month closer to spring, and it can't come soon enough!

It was unfortunate that our Winter Field Day event was canceled at the last minute, but I do want to thank everyone who arranged the original event and those who tried to arrange an alternate location at the last minute.

I recently moved and made sure to check for deed restrictions, HOA's, and local municipality rules for antennas. It seems to have worked out for me, I guess I'll know when I get the antennas up and see if they attract any unwanted attention!

With that being said, if you are thinking about relocating, there is an article in the February QST that talks about ham radio friendly real estate that would be a good starting resource.

We still need a secretary for the club, it's not a difficult position but is crucial to the club's function. We will be asking for volunteers again at the meeting, and I hope someone steps up to fill this role that is required for the club to operate.

73!

Scott/W8CQD

State QSO Party Challenge

The [State QSO Party Challenge](#) is a contest-outside-of-a-contest. It's a contest comprised of other contests. According to the [StateQSOParty.com](#) Team's Overview: "This annual program will recognize all radio amateurs' participation in the U.S. State and Canadian Province QSO parties. It will be open to any radio amateur who participates in any of our approved State QSO Party (SQPs) contests. Participants must simply submit their scores to [3830Scores.com](#) to be included in the Challenge... Using the submissions to [3830Scores.com](#), each radio amateur's cumulative score will be calculated by totaling up his/her number of reported contacts and multiplying by the number of SQPs entered year-to-date." Periodic reporting of standings will occur on [3830scores.com](#), the [QSOParty Groups.io forum](#), and on the [State-QSOParty.com website](#).

The first SQPs in 2020 are the Vermont, Minnesota and British Columbia QSO Parties on the first weekend of February. The MIQP is one of the approved SQPs.

Report of the Un-secretary

Notes by John / N8FYL

Meeting Called to Order:

The LCARC President (Scott, W8CQD) called the January 8th, 2020 LCARC general membership meeting to order around 7PM.

20 members and 1 visitor, Chuck/K8CPO in attendance.

Meeting Minutes Approval. The meeting minutes as in *The Tuned Circuit* news letter were approved after a correction by Russ, N8HAR. The profit from the sales of the Macomb Community College donated equipment is \$2264, not \$426 as reported in the January issue.

Treasurer's Report by Gregg, N8GEO:

At the time of this meeting, Gregg said that LCARC has no outstanding bills.

Total amount in the account is \$9504.90

The Youth Fund has \$403.00.

The Repeater Fund has \$569.82.

The check to the Knights of Columbus for the 2019 radio raffle support has gone out (\$1400) and that amount will be returned. The IC-7300 radio for the 2020 swap radio raffle has been purchased and delivered. Price was 1058.89, with an expected \$100.00 rebate.

Where's Doug, etc: N8PYN will be at the Hazel Park Swap on the 19th. The club will have a table, but it is NOT to be used to sell member's items. Russ/N8HAR plans to be there with swap flyers. There was some discussion about improving /changing the advertising of our radio raffle on the club's tables at area swaps, and our own swap too. Perhaps Marvelous Promotions (W8CQD's wife) might have something.

Repeater:

Repeater internet. Marty/K8HVI & Dale/K8RO are still tinkering with internet in the repeater shack.

Shack Insulation. Ken/KD8RJN plans to install the insulation panels next week. He will also install the thermostat control he has built for the heater.

Backup Diesel Generator. Dan/KR1NGL, reports that the generator repair is inexpensive, but labor intensive. Dan will donate a starting battery.

Net Points Report from Clem, W8VO:

Name	Points	Name	Points
Mike/AC8ER	950	Don/WN8IZV	100

QSL Report by Dale, K8RO:

Dale said that 8 QSLs came in this month, 3 by actual cards. There were 2 via eQSL.

Membership and Tuned Circuit Report by John, N8FYL:

The LCARC has 77 members. The February *Tuned Circuit* deadline is January 27th.

Business:

Secretary. The club secretary position remains vacant. Your club needs a volunteer to fill this important position soon.

(Continued on page 3)

(Continued from page 2)

Winter Field Day. Gregg/N8GEO reviewed the plans for N8LC to be on the air for Winter Field Day from the Tucker Senior Center. Looking like 2 stations (K8HVI for SSB, K8RO for CW/digital), and K8RO for satellite. KD8RJN will contribute a generator, and we have some pop leftover from the swap.

Swap Flyers: Russ/N8HAR has them and has added the information about radio raffle

VE Session: will be February 10th at 6 PM. W5YI VEs will be used.

Tower work (at the repeater): Fritz/KE8BFW sent some tower climber information to President Scott/W8CQD. Details to be investigated.

Break for refreshments and rag chewing from about 7:42 to 8:0x

Drawings:

Winner	Prize	Winner	Prize
Fritz/KE8BFW	Multimeter	Dan/KR1NGL	Coaster
Denny/AC8JH	Belkin Power Bank	Ralph/W8ROI	USB Charge Doctor
Doug/N8PYN	Wire Nippers	Bob/KA8VSI	USB LED light

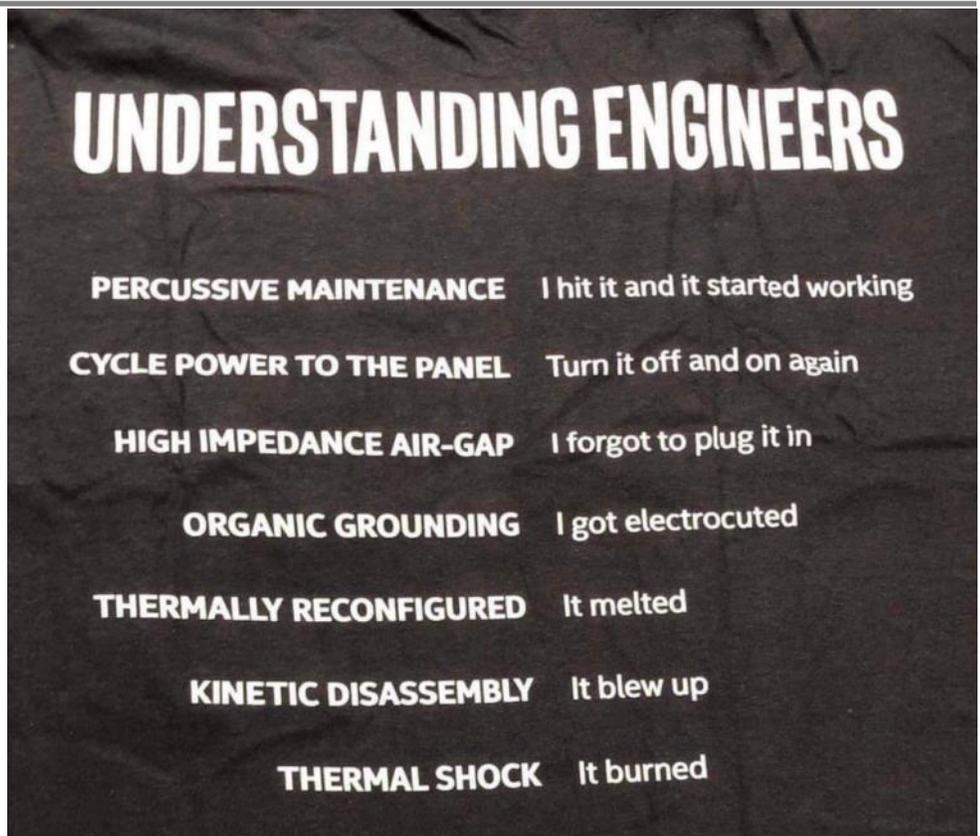
50/50: Denny/AC8JH—\$12.00

Ken/KD8RJN did a “show and tell” demonstration of the line voltage thermostat gizmo he constructed in a small plastic ammo box. This will be installed in the cabinet at the repeater site.

Program: The program/entertainment was the White Elephant exchange which commenced about 8:08PM. After much merriment the meeting adjourned at 8:55pm.

From Ted/NW8W’s son Scott, to Ted, to me, to you for your enlightenment about some engineering terminology.

It seem to me(N8FYL) “organic grounding” should be “I got shocked”, since electrocution usually means shocked to death, and then it’s hard to self report how you died. <grin>





The table with all the "gifts"



Gregg/N8GEO displays his awesome new book *What's Your Poo Telling You*, and another "library" companion item.

Dan(a.k.a. Santa)/KR1NGL eyeballs the 40M CW QRP transceiver that arrived in his chosen package.



Dennis/WC8C (formerly known as KE8FZX) examines the 2 meter FM radio that was one of the 3 items in his chosen box. Lito/K8AJJ looks on, while pondering whether he should have chosen an alternate gift from the table.

FEBRUARY 5TH MEETING PROGRAM

The February program will be revealed at the meeting
[because the editor has received no information to publish].



MEETING time is 7:00 PM



Membership Report

We welcome new member, Bob/W8OWL, and sadly mourn the January 16th death of John/K8ZEC. I discovered a glitch in my Excel counting that missed 2 members who are paid up through 10/31/2021 and this results in a member count of 79, of which 9 are Life members. Of the 70 regular members 7 are enjoying the first year free experience. 59 of those 70 regular members have renewed for the 2019/2020 year. Following the February meeting the 11 who have not yet renewed their membership will be purged from the active status so we can expect the count drop to 68.



John / N8FYL – 1/28/2020

THREE AND A HALF MONTHS AND ITS DAYTON TIME AGAIN!

Well, you've had time to think about Dayton Hamvention (May 15, 16, 17), 2020 . Ted, K8EO, did some background work and found us a place to lay our heads after a hard day of looking for treasures at Hamvention. He found a place not too far away (about 19 miles, just far enough to avoid crowds) for us to get some much needed rest.

It's at the following place:

Holiday Inn Express Dayton South - I-675
7701 Washington Village Dr
Dayton Oh 45459
937 938 9550

There are single king and double queen rooms available at a rate of \$124.00 per night.

Ted managed to get us grouped together under the "Bak Group" reservation. Get your credit card out and give them a call at the number listed above to make your reservation for Dayton/Xenia Hamvention lodging.. Give them the dates for your stay, credit card number and some other info (to set up your account) and you should be all set.

I made my reservation on October 16, 2019 and it went very smooth. Call them and "Git 'er done".

<https://www.ihg.com/holidayinnexpress/hotels/us/en/dayton/dayml/hoteldetail>

Hope to see you there.

73 Gregg / N8GEO



LCARC VE Session is almost Here

Information from Gregg / N8GEO



Our first VE testing session of 2020 is imminent. It will be at The Tucker Senior Center (the same place where we meet) on Monday February 10th at 6:30 pm. That is the Monday following the February club meeting.

If you are a W5YI certified Examiner/Tester please think about dropping by to help. We need two or three folks. If you are interested and can make that date please get with me ASAP and I'll put you on the list.

THANKS

73 Gregg / N8GEO

WINTER FIELD DAY cancelled for LCARC

Thanks to everyone for understanding the bad news last week. I was in Cincinnati visiting family when I received a call from the township.,It was not the best of calls. I was told that the Tucker Senior Center would not be available for the Winter Field Day weekend. After a lengthy discussion there was no way to work around this issue, the building would not be available for us to use.

Many phone calls were made, emails exchanged, and everyone tried to come up with another place to have this event. Scott/W8CQD offered up his basement, Ken/KD8RJN offered up his pole barn and many other options were discussed. We just could not find a place on short notice that would not tear up someone's house or was big enough or close enough to meet our needs. The decision was to not participate as a club in this years event.

I want to thank the following people for understanding. Each of these folks had put in a lot of effort to get this event off the ground this year. Dale/K8RO and Marty/K8HVI worked on the hardware end, Doug/N8PYN building access, Ted/K8EO and Al/W8TRW were coming in from Gladwin and Toledo for the weekend to operate, John/N8FYL for sending out the group announcement about the cancellation, and everyone else that was going to attend. Many wheels were in motion for this event.

We still have MIQP event in April that we need to start planning for so put on the thinking caps and start getting that equipment ready. Let's hope that no maintenance will need to be performed that weekend.

73

Gregg/N8GEO



Help Needed

Secretary. No experience necessary. Skills needed are note taking, and using email. **Duties:** take notes during LCARC meetings, type them up on your computer, and email them to *The Tuned Circuit* editor. **Perks:** you become a member of the LCARC Board and get to sit at the front of the meetings!

Forward Progress at the Repeater Site.

A few weeks ago a few of us went to the repeater site to perform some maintenance. Ken/KD8RJN, our past president, and a friend of his named Rich, brought out the insulation for the repeater cabinets. Ken also brought out the temperature control project that he built. I also went out to the site to address the water leak damage that happened a few months back. Ken and Rich got to work and I started to clean up. Ken and Rich were cutting insulation and installing the temperature control device. That device is pretty slick. Ken was able to dial in the high (68 degrees) and low (64 degrees) temperature for the cabinets. After a few cuts they were able to get the insulation to fit the cabinets and they made them so that we could take them off for the summer and be able to use them again. I worked on cleaning (bleaching) the ceiling and walls of the building. It was not as bad as I thought it might be. Now all the mold and dirt are gone and the place smells pretty clean. LOL I also placed all the excess equipment against the walls so we could move around. Doing this will also make it easier to inventory it at a future date. We should be set for the winter as far as the temperature is concerned. Time will tell if all the efforts will pay off when the DTE bill shows up.

Thanks to Ken and Rich for taking the time to make this happen.

73

Gregg/N8GEO



I (John/N8FYL) went to the repeater site on 1/29/2020 and took these photos of Ken's work. On the left and center photos you can see the insulation panels attached to the two repeater cabinets. Contrast them to the unclad dark cabinet on the far right in the middle photo.

In the right photo is what's behind door number 3. HiHi. You can see the temperature controller in the upper left of the photo, showing 15.2C at the time I took the picture. The temperature was higher when I first opened the door (may 18C?) but was dropping rapidly since the temperature in the room was about 44 degrees F(6.6C).

Accessing LCARC Digital Net using Putty on Windows PC

Christopher Morgan K8NVH

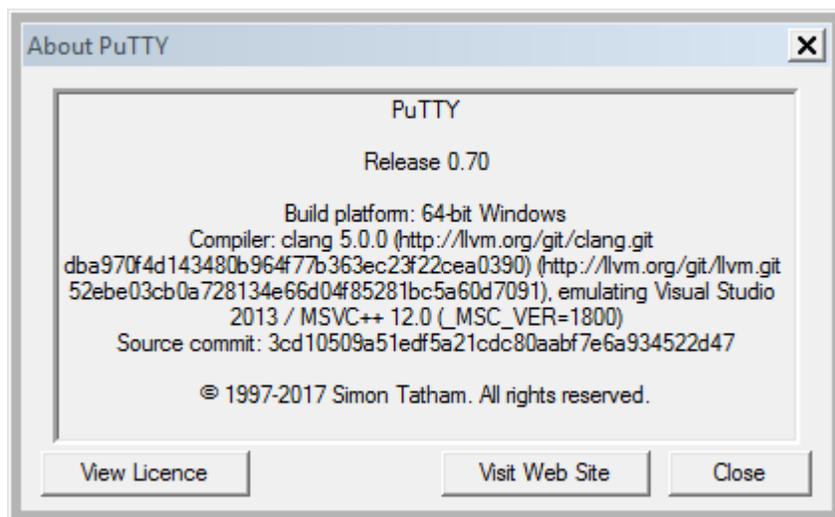
Did you know LCARC has a digital net every Tuesday at 8pm Eastern Time? Of course not! Otherwise we would see you there occasionally, right?

Ideally, this article would include instructions for hooking your PC to the radio and logging in over the airwaves through one of the many radio nodes. Sadly, I have not been able to make that work and nodes seem to be closing faster than opening so there might not even be any more in the LCARC area anyhow. But all you really need is a computer and a network connection.

In a previous article [November 2018], Ralph Irish W8ROI explained how to participate in the digital net using Apple hardware. This article describes using Windows-based hardware.

The software of interest is Putty (<https://www.chiark.greenend.org.uk/~sgtatham/putty/latest.html> or, if you prefer to type less, consider looking at <https://www.putty.org/> and clicking the "Putty" link). Install it as you would any other unknown software downloaded from the internet.

This is my version; the latest version [0.73 Ed.] is newer:



Here is what you need to know to log in to the digital net, more careful instructions follow:

hostname: ve2har.dyndns.org

port: 23

connection type: telnet

username: (your call sign, such as W8ROI)

password: (your name)

Commands:

c

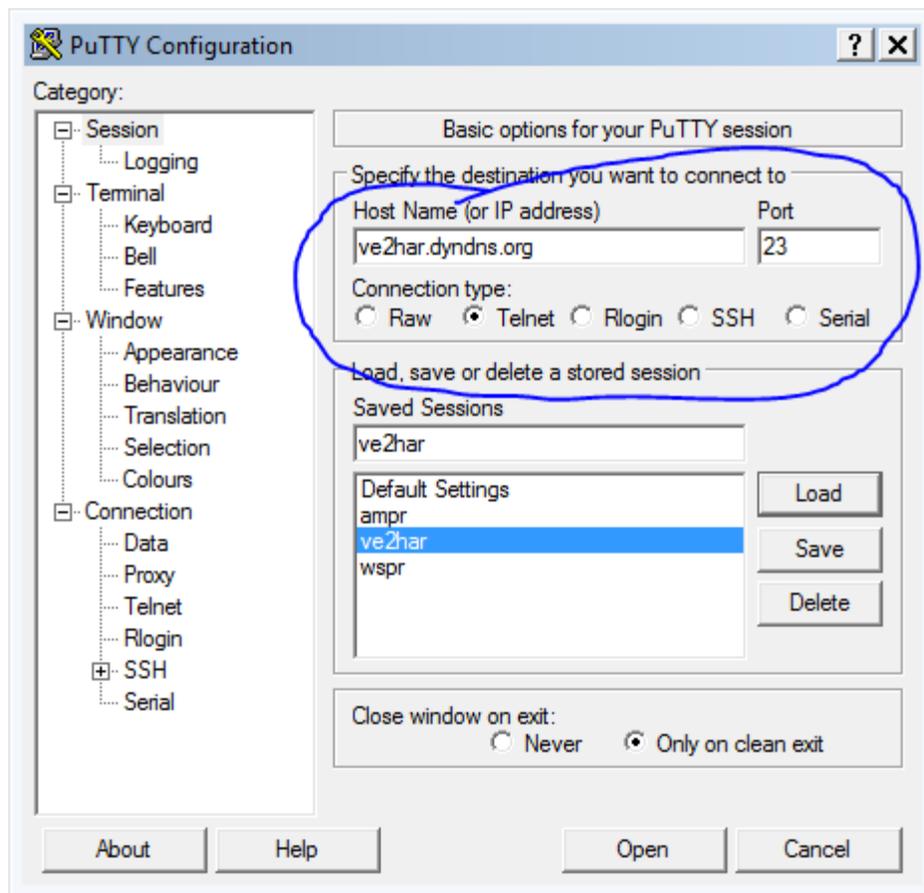
/c 80

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More verbosely, with screen shots:

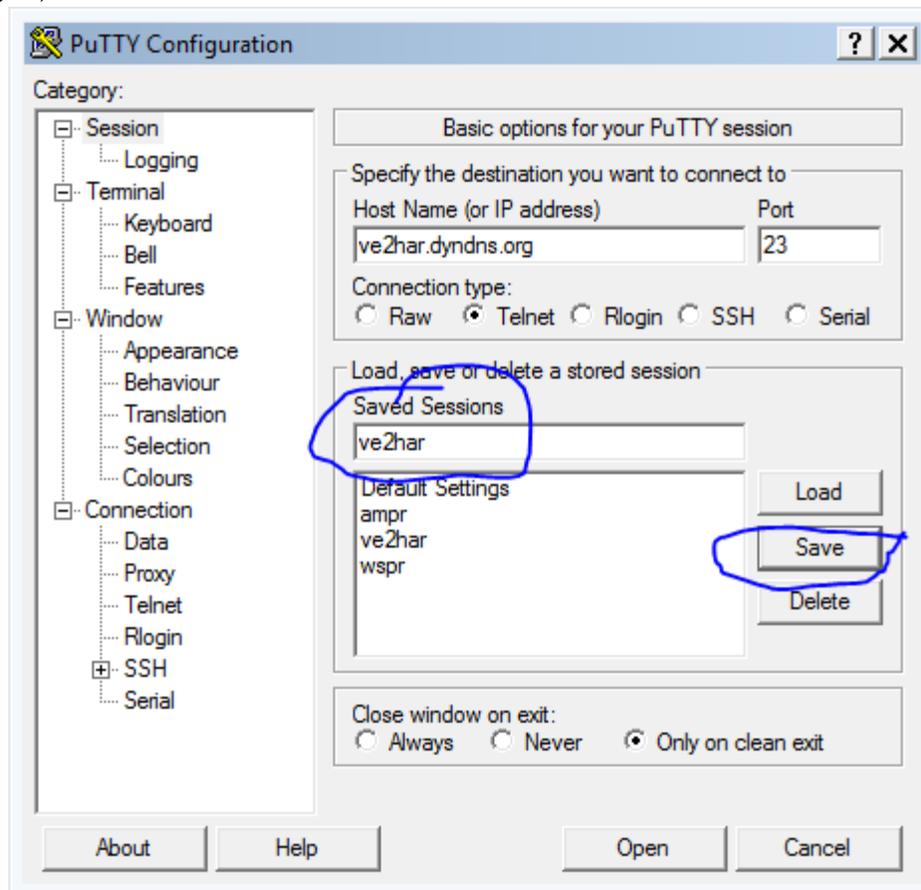
When you open Putty, type that information in like this:



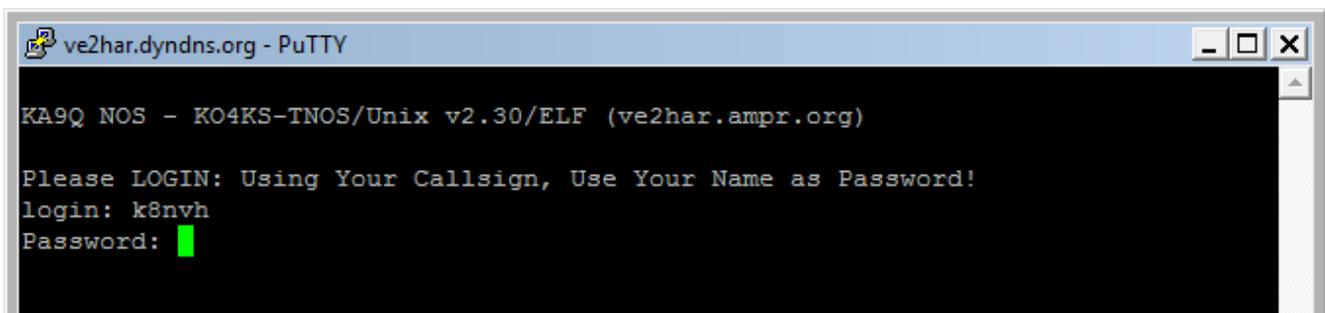
After typing that all in, consider saving it to be re-used next week. Give it a cool name like “ve2har” and click “Save”, as shown on the next page.

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To telnet in, click “Open”. You should see the screen below. Type your call sign as a user id and your name as password. It looks like this:



Then type the telnet commands:

c
/c 80 (Notice the space between “/c” and “80”. This is Channel 80. Similar to 147.080)

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ve2har.dyndns.org - PuTTY
KA9Q NOS - KO4KS-TNOS/Unix v2.30/ELF (ve2har.ampr.org)

Please LOGIN: Using Your Callsign, Use Your Name as Password!
login: k8nvh
Password:
[TNOS-2.30-BFHIMW$]

>>>> ve2har.ampr.org -- ve2har.dyndns.org <<<<<
      TCP/IP Gateway in Laval, QC, Canada
      Serving Montreal and Surroundings

Welcome k8nvh, to the ve2har.ampr.org TCP/IP BBS (KO4KS-TNOS/Unix v2.30/ELF)
This copy of TNOS is unregistered
Last on the BBS: Tue Jan 14 18:19:41 2020
You are the only user currently on the BBS
You have unread messages, in the following message areas:
  AMSAT APRS ARRL ATV BBS CQ DARC DX EUROPE FBB FRANCA GBR
  HUMOR KEPS LATNET LINUX MARCAN MARINE NLDNET PACKET PACTOR
  PK232 PSK31 QST RTTY SOLAR SPACE SSTV SWL SYSOP TCPIP TECH
  USA VKNET WEB WINPAC WORLD WX

Quote of the Day:
It would be illogical to assume that all conditions remain stable
-- Spock, "The Enterprise" Incident", stardate 5027.3

IMPORTANT:
Please use ve2har.dyndns.org to telnet from internet to to this BBS.

QC105:VE2HAR-7 Area: 'k8nvh' Current msg# 0 of 0.
?,A,B,C,CALL,CONF,D,E,F,FBB,G,H,I,J,K,L,M,MENU,N,O,P,Q,R,S,T,U,V,W,X,XNET,Z >
c
*** TNOS Conference @ Montreal Type /HELP for help.
*** There are 15 users online
*** There are 7 groups available
*** k8nvh signed on at 18:20.
*** Now on Channel 0 (1 user).
/c 80
*** Now on Channel 80 (1 user).

```

Now you can chat with whoever else is on Channel 80. Just type whatever you like at the cursor. Like "hi Ralph!" for example.

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ve2har.dyndns.org - PuTTY
KA9Q NOS - KO4KS-TNOS/Unix v2.30/ELF (ve2har.ampr.org)

Please LOGIN: Using Your Callsign, Use Your Name as Password!
login: k8nvh
Password:
[TNOS-2.30-BFHIMW$]

>>>> ve2har.ampr.org -- ve2har.dyndns.org <<<<<
TCP/IP Gateway in Laval, QC, Canada
Serving Montreal and Surroundings

Welcome k8nvh, to the ve2har.ampr.org TCP/IP BBS (KO4KS-TNOS/Unix v2.30/ELF)
This copy of TNOS is unregistered
Last on the BBS: Tue Jan 14 18:42:13 2020
There are currently 3 users on the BBS
You have unread messages, in the following message areas:
  AMSAT APRS ARRL ATV BBS CQ DARC DX EUROPE FBB FRANCA GBR
  HUMOR KEPS LATNET LINUX MARCAN MARINE NLDNET PACKET FACTOR
  PK232 PSK31 QST RTTY SOLAR SPACE SSTV SWL SYSOP TCPIP TECH
  USA VKNET WEB WINPAC WORLD WX

Quote of the Day:
It would be illogical to assume that all conditions remain stable
-- Spock, "The Enterprise" Incident", stardate 5027.3

IMPORTANT:
Please use ve2har.dyndns.org to telnet from internet to to this BBS.

QC105:VE2HAR-7 Area: 'k8nvh' Current msg# 0 of 0.
?,A,B,C,CALL,CONF,D,E,F,FBB,G,H,I,J,K,L,M,MENU,N,O,P,Q,R,S,T,U,V,W,X,XNET,Z >
c
*** TNOS Conference @ Montreal Type /HELP for help.
*** There are 16 users online
*** There are 8 groups available
*** k8nvh signed on at 19:36.
*** Now on Channel 0 (1 user).
/c 80
*** Now on Channel 80 (2 users).
*** Net 'ralph... its the bitchin' hour !'
Welcome, k8nvh!
hi Ralph!

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Below is the start of the Digital Net

(Continued on page 13)

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ve2har.dyndns.org - PuTTY
Quote of the Day:
It would be illogical to assume that all conditions remain stable
  -- Spock, "The Enterprise" Incident", stardate 5027.3

IMPORTANT:
Please use ve2har.dyndns.org to telnet from internet to to this BBS.

QC105:VE2HAR-7 Area: 'k8nvh' Current msg# 0 of 0.
?,A,B,C, CALL, CONF, D, E, F, FBB, G, H, I, J, K, L, M, MENU, N, O, P, Q, R, S, T, U, V, W, X, XNET, Z >
C
*** TNOS Conference @ Montreal  Type /HELP for help.
*** There are 19 users online
*** There are 8 groups available
*** k8nvh signed on at  20:36.
*** Now on Channel 0 (1 user).
/c 80
*** Now on Channel 80 (4 users).
*** Net 'waiting'
Welcome, k8nvh!
Welcome to the L'Anse Creuse Amateur Radio Digital Net.  This net meets every Tu
esday at 20:00 Eastern Time on ve2har.dyndns.org.  Net Control is Ralph Irish W8
ROI.

```

The newsletter says the 2M packet net is on 144.93MHz, connect to detqso. If you know what that means and can describe how to do it, please write an article as I, for one, would sincerely appreciate learning how to do this!

For what its worth...

While I was getting Chris' /K8NVH article into *The Tuned Circuit*, I tried out PuTTY since I already had it installed on my Windows 10 machine. I was not successful in connecting to ve2har.dyndns.org. I get a PuTTY Fatal Error that says "Network error: Software caused connection abort". Yet that same PuTTY can successfully connect to ve7cc.net port 23 and dxc.w8wts.net port 7373 DX clusters with no issues. So, if you try PuTTY, and get the same results I did with ve2har.dyndns.org, it probably means there is an issue with that server, NOT your PuTTY or local networking setup.

John/N8FYL

And an FYI...

This digital version of this months *Tuned Circuit* has more pages than usual to accommodate K8NVH's article. This article will NOT appear in the printed version that is sent those 5 members who have paid extra to receive *The Tuned Circuit* by postal mail. The rational is that they get a hardcopy because they don't do email and therefore most likely won't miss the computer centric article.

John/N8FYL— TC editor, printer, and mailer dude



**Amateur
Radio
Club**

3rd Annual Technology Expo

Sunday - April 19, 2020

9:00 AM until 2:00 PM

**** UFCW Local 876 - 876 Horace Brown Dr. Madison Hts, MI 48071 ****

WW8GM - Talk-in 443.075 MHz + 123 Hz PL

ARRL VE Testing Session - 11:00 AM

Tables \$15.00 (in Advance) • \$20.00 (at the Door)

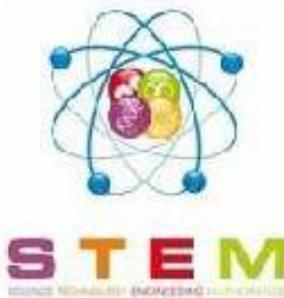
Tickets \$5.00 (At the Door)

GMARC Members (with Badge) are Admitted **FREE!**

NEW for VENDORS!

Vendor set-up time with paid admission

April 19th 6:30 AM - 9:00 AM



an ARRL Approved Hamfest

E-Mail Address: Swap@gmarc.org

Phone: Dick Weir N8HG (248) 247-8006

OnLine Table Order: www.gmarc.org/

Note - VE Testing: Show up between 10 AM & 11 AM. Bring \$14.00 cash, photocopies of existing licenses or CSEs (originals not accepted). Two pieces of ID are also required, one of which must have a photo. You must also provide either your Social Security number or FRN. Pre-registration is preferred but not required. Contact: Ron WD8MNX - wd8mnx@gmail.com.

Name _____ Call Sign _____

Address _____

City _____ State _____ Zip _____

Phone (____) _____ E-Mail _____

Tickets _____ @ \$5.00 _____ Tables @ \$15.00 _____ Enclosed \$ _____

Mail to: GMARC Swap – 1816 Brookview Cir - Bloomfield Hills, MI 49304

TABLE RESERVATIONS MUST BE RECEIVED BY MARCH 31, 2020

Attention eQSL Users!



from <https://groups.io/g/N3FJPSoftwareUsers/message/39815>

FYI:

A lot of users took the default ending date of 01/01/2020 when they set up their accounts years ago. They may start getting errors during log uploads or imports if the QSO date is after 01/01/2020 and just need to be reminded to update their profile to set the ending date sometime in the future.

--

73,

Dave Morris, N5UP

Founder and Webmaster, eQSL.cc

Announcing the 2020...

AM Rally

Operating Event on the HF+6M Amateur Bands
0000Z Saturday February 1 - 0700Z Monday February 3

(7:00pm EST Friday January 31 - 02:00am EST Monday February 3)

www.amrally.com

See the website for all the details.. Yes, I, your editor, realize this is late notice, but it fills the space.



Future Programs & Activities

Scott Hernalsteen, W8CQD — Activities Manager

- February 5, 2020 Regular Meeting
- February 10, 2020 VE Testing session at Tucker Senior Center
- March 4, 2020 Regular Meeting
- April 1, 2020 Regular Meeting
- April 18 & 19, 2020 [Michigan QSO Party](#)—N8LC operating at the Tucker Senior Center
- May 6, 2020 Regular Meeting
- May 15-17, 2020 “Dayton” [Hamvention](#) in Xenia, OH
- June 3, 2020 Regular Meeting followed by annual Fox Hunt
- June 27, 2020 ARRL Field Day

L'Anse Creuse ARC Board Members – 2020

President

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

VP and President-Elect

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

Secretary

To Be Determined
Will it be you?

Treasurer

Gregg Crump, N8GEO
29729 South River Rd
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ARRL Liaison

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Past President

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kenjanicki@comcast.net

Technical Officer

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(586) 775-1891
n8pyn@yahoo.com

Analog FM



LC Echo 2 Meter Repeater
Yaesu DR-1X 147.080 MHz
100 HZ PL

Fusion Digital Only



LC Echo 440 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 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

Club Committee Chairmen

ARRL HF Awards Manager	Tom Mathison	WU8C	Little Bay Awards	Dale McGorman	K8RO
ARRL HF Awards Assistant	Vince Cuker	WA8BIJ	Meeting Refreshments	Russ	N8HAR
ARRL VHF/UHF Awards Manager	Allan Koch	KA8JJN	Membership Chairman	John	N8NXW
Call Sign ID Tags	Gregg Crump	N8GEO	TC email distribution	John Huber	N8FYL
Christmas Party	Cathy Chauvin	KC8WVK	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	Wayne Hearn	WG8U	<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	W8ROI
				John Slobodnik	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 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 [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

Ann Arbor (ARROW) : Mark Goodwin, W8FSA, w8fsa@arrl.net, 734-930-6564. Second Saturday of each month.

Hazel Park—Jerry Begel, W9NPI, w9npi@arrl.net 248-543-2284

First Tuesdays of Even Months.

Howell ([Livingston Amateur Radio Klub](#))
Second Tuesday of each month, 7PM, at the Livingston County EMS Facility, 1911 Tooley Road, Howell, MI. ALL AMATEUR EXAMS AT THESE SESSIONS ARE FREE.

LCARC

February 10th (Monday) at 6:30PM at the Tucker Senior Center.
December 6, 2020 at our swap

Motor City 313-676-6284

USECA <http://usecaarc.com/test/>

1st Monday Monthly except during the months of July and August at the Mt. Clemens Elk's Lodge at 7 pm

Online Practice Exams:

<https://www.eham.net/exams>

<https://www.qrz.com/hamtest/>

<http://www.ah0a.org/AHOA.html>

Morse Code Resources:

Learn CW Online <https://lcwo.net/>

<http://www.g4fon.net>

<http://www.pdarrrl.org/k6rau/>

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

<http://morsecodemasters.com/train/er/Examples/hct.html>



Upcoming Swaps

02/08/2020 | [Cherryland ARC Swap N Shop](#)

Location: Traverse City, MI
Type: ARRL Hamfest
Sponsor: Cherryland Amateur Radio Club
Website: <http://CherrylandARC.com>

02/23/2020 | [Livonia ARC's 50th Annual Swap & Shop at a NEW LOCATION](#)

Location: Livonia, MI
Type: ARRL Hamfest
Sponsor: Livonia Amateur Radio Club
Website: <http://www.livoniaarc.com/index.php?page=swapshop>
[Learn More](#)

03/14 & 15/2020 | [ARRL Great Lakes Division Convention](#)

Location: Perrysburg, OH
Type: ARRL Convention
Sponsor: ARRL
Website: <http://www.toledoglc.org/>

03/15/2020 | [Toledo Hamfest](#)

Location: Perrysburg, OH
Type: ARRL Convention
Sponsor: Toledo Mobile Radio Association
Website: <http://www.tmrahamradio.org/hamfest.php> [Learn More](#)

04/11/2020 | [Crossroads Hamfest](#)

Location: Kalamazoo, MI
Type: ARRL Hamfest
Sponsor: Southern Michigan Amateur Radio Society
Website: <https://www.w8df.com>

04/19/2020 | [3rd Annual Technology Expo](#) (GM Club)

Location: Madison Heights, MI
Type: ARRL Hamfest
Sponsor: GM Amateur Radio Club
Website: <http://www.gmarc.org> [Learn More](#)

05/15/2020 | 2020 Dayton Hamvention

Location: Xenia, OH
Type: ARRL Hamfest
Sponsor: Dayton Amateur Radio Association
Website: <http://www.hamvention.org>

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	Wayne, WG8U	Every Monday
Monday	2100	6 M	USB	50.160 MHz	Gregg, N8GEO	Every Monday
Tuesday	2000	2 M	Packet	144.93 MHz	TBD—Net is QRT	Every Tuesday (Connect to detqso)
Thursday	1930	10 M	USB	28.435 MHz	Clem, W8VO	Every Thursday
					Clem, W8VO	1st Thursday
					Wayne, WG8U	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: ___/___/_____

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**

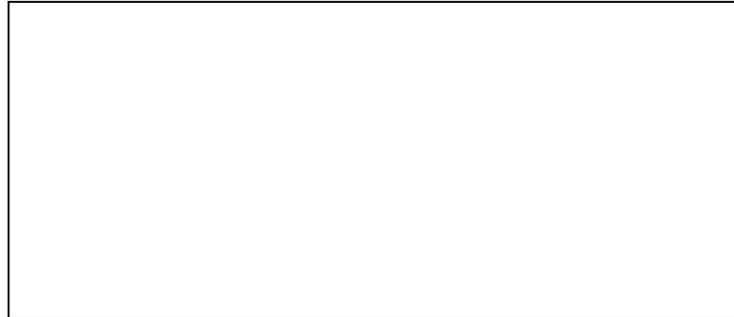
Class License (Circle One)

Novice Technician Tech+
General Advanced Extra

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

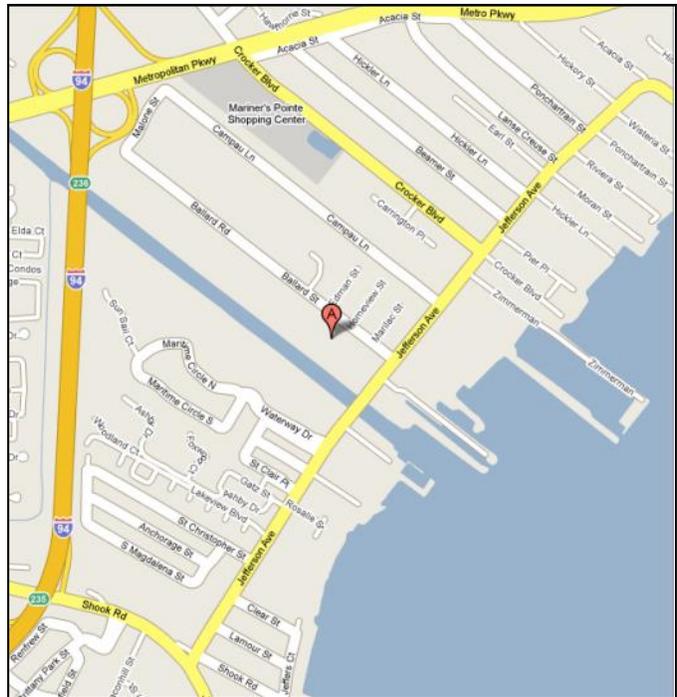
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29729 South River Rd
Harrison Twp, MI 48045-3030

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<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.