



Cherry Juice

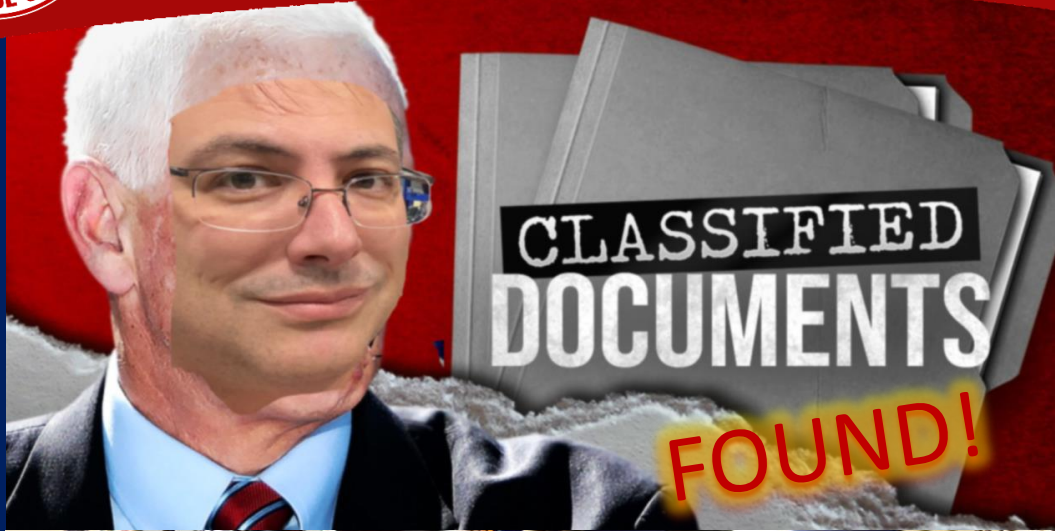
Newsletter of the Cherryland Amateur Radio Club

VOLUME 53
ISSUE 3
MAR 2023

Published March 18, 2023

In This Issue

President's Corner	2
Silent Keys	3
The Purple Crystal	5
News You Can Use	6
By-Laws Proposed	7
Coming Highlights	12
Cadillac Hamfest Info	13



Sources Claim:

"By-Laws Scattered Everywhere!"

Story on Pg. 2



#1082

President's Corner

New Initiatives are Underway

Greetings and Welcome. Let me start off by congratulating The Swap Committee and all the volunteers that made the 49th annual 2023 Swap-N-Shop a huge success. Revenue from the Swap and your dues support our annual events and keep our repeaters humming along...Thanks to everyone involved.



Shortly after the Swap, we held an Introduction to Ham Radio seminar at the Traverse Area District Library. This effort was targeted at STEM students and the general public through the library to attract them to the hobby. Shortly, we will begin Technician licensing classes which will be followed with testing and mentoring. These initiatives are designed to attract and retain new members and expand our reach in the community.

The Technical Committee is already hard at work. We have already made changes to our two club repeaters and will be upgrading some of the hardware in the very near future to a more robust and reliable platform. With analog FM on the 146.860 repeater and DMR on the 442.500 repeater, we have access to District 7 Auxcomms, the Skywarn network and linked repeaters throughout northern Michigan.

The Board has just completed a review and rewrite of the Club By-Laws. The By-Laws are the set of rules that govern how we run the club. They have been updated to reflect the needs of the club moving forward and serving our members and the community. The proposed By-Laws will be distributed electronically to the membership and we will vote on them at the March general meeting.

Each of these initiatives, and several more, are designed to address the issues raised in our recent survey and have already generated positive responses. I believe we are on the right track moving forward. If you have any questions or comments, please send us a note at email@cherrylandarc.com and we will respond promptly.

73

Jim WB2LHP

CARC President



Silent Keys

James M. Palmer K8OJP

M. James Palmer, age 83 of Traverse City, MI passed away peacefully on Friday, March 10, 2023.

Arrangements are incomplete at this time.

Jim has been an active member of both the Cherryland ARC and the TBARG group for many years. Jim has attended and

participated as an invaluable resource in countless emergency communications exercises, and approached stressful and tense situations with an experienced and level demeanor, and has been an example of high-quality demonstration of abilities in Auxcomm activities. As far as Amateur Radio operators go, Jim was definitely a Professional Amateur.

Jim always volunteered to help the groups whenever possible not only in communication events but in other activities as well. For as many years as he was able, he would be out ringing the bell with our group for the Salvation Army, and other activities in service of the club and of local charitable organizations.

An obituary was not available at the time of printing.

Jim we are going to miss you immensely.

A final 73 from the Cherryland ARC – K8OJP de W8TCM <SK>

Les Butler W8MSP

It is with deep sadness we convey the sudden passing of Michigan Section Manager Les Butler W8MSP on March 8, 2023. Les was attending the Michigan Communications Interoperability Conference and in the evening became ill.

Our thoughts and prayers go out to Les' wife Karen, the family and all of his many friends in amateur radio.

Les was very active in the Ham Community and also recently attended the Cherryland ARC Swap-N-Shop in February representing the ARRL. Les was professional, friendly, and a kind person to know. You may remember seeing his picture in the last edition of the Cherry Juice as well.

An obituary was not available at the time of printing. We at the Cherryland ARC will miss Les greatly.

73, W8MSP de W8TCM <SK>

Swap-N-Shop

And a special thank you to St. Francis for making their Gym open to this event. And to these volunteers who set-up and put away tables and chairs.

Ernie	Abel	K8RCT
Pete	Van Den Berge	K8WQK
Nicholas	Hirs	KD8SIY
James	Thoreson	KE8BHO
Don	Shakoski	KI8KR
Jim	Wilcox	N8TCZ
Bill	Sarwas	W8MND

Additionally, we wish to acknowledge and thank the vendors who purchased a table, brought their treasures and happily walked away with less.

Photo by: Stephen Smith, W4SLMF

Karen, KB8AKC, Les, W8MSP representing ARRL

Thanks to Les Butler, W8MSP, ARRL Michigan Section Manager, his wife Karen Butler, KB8AKC and Tom Bosscher, K8TB, ARRL Michigan Assistant Manager, for attending the Swap-N-Shop and activities.



Silent Keys

Robert (Bob) C. Korb Jr. WA8ABL

A Long Life Well Lived

TRAVERSE CITY - Robert C. Korb Jr., age 90, a lifelong resident of Traverse City, Michigan, husband, father, grandfather, and great-grandfather passed away on Friday, November 18, 2022 at his residence in Portage, Michigan.

Bob was born March 29, 1932 to Robert and Lena (Keaton) Korb. On September 19, 1952 he married Mary Lou Robinson.

Bob was a Corporal in the United States Army, Signal Corp from March 25, 1952 to March 3, 1955. He graduated from Tri State (Trine) University in Angola, Indiana. He worked in various capacities at General Motors in the Chevrolet Division for over two decades retiring in 1981.

Bob lived in Grand Blanc, Michigan for over two decades. In 1992 Bob and Mary Lou co-founded the Northern Lights chapter of Family Motor Coach Association and traveled throughout the United States and Mexico.

Surviving are his three children Ken (Maryann) Korb of Fenton, Karen (John) Collins of Plainwell, Kristi of Nevada, Missouri; grandchildren Jami (Greg) Rogers, Sara (Andrew) Burrows, Spencer (Nicole) Korb, Adrienne (Alex) Miller; great-grand children Kylie and Nora Rogers, Vincent and Alex Miller, and Miloh Burrows.

He was preceded in death by his parents Robert and Lena, and sisters Cherry, Kay, and Betty. He is survived by many nieces and nephews.

A graveside service will be held on Wednesday, June 14, 2023 at Grand Traverse Memorial Gardens. A Celebration of Life gathering will be held on the same day from 12 to 3 p.m. at the Elmwood Park and Marina.

In lieu of flowers, memorial contributions may be sent to the hospice of your choice.

Please share your favorite memories of Bob with his family by visiting www.nationalcremation.com/location/bloomfield.

Arrangements are by National Cremation Society, Bloomfield Hills.

Bob has been a member in the Cherryland Amateur Radio Club for many many years and has always been helpful administering Volunteer Examinations with our group here in Traverse City for many years.

We at the Cherryland ARC are devastated to hear the news of his passing, but we know that Bob's legacy lives on through the many hams he assisted getting on the air over the years through his mentorship and activities with the VE team

A final 73 from all of us at the Cherryland ARC, Bob-

WA8ABL de W8TCM

<SK>



The Purple Crystal

An Article About Repeaters by Joe N8CN

What's the Purple Crystal ?

For a while now, I've wanted to have a recurring article "all about repeaters" with varying topics. I've chosen the title of the article to draw attention to a "Tongue-In-Cheek" award that has existed for – well for longer than I've been a ham.

The "Purple Crystal Award" is a name for the non-prize a ham operator gets for timing-out a repeater. In most cases, this is because a single repeater user talks so long that they exceed the "Time-Out Timer" on automatically controlled repeater systems. Typically this timer is set somewhere between 2 and 4 minutes, most commonly 3 minutes.

Repeater use is a little different than use of HF Phone (and for that matter, a ton of other modes, but I digress) in that it's typically considered poor practice to occupy a repeater frequency for an excessively lengthy period of time during conversation. Unlike other modes, FM repeaters typically pass only one station's modulation (audio) due to the "Capture Effect" of FM. In the world of HF "Rag Chewing" it's actually possible to break-in and talk over someone, and to hear both parties at the same time, and the use-case of HF communications also is typically different from that of a local-coverage repeater.

Your author, in his youth, was the area's first "No-Code Tech." Some other area hams found it humorous that I **OFTEN** timed-out the repeater talking to others, yet never "knew" the joys of HF rag-chewing, per se, and wasted no time in awarding me the prestigious "Purple Crystal." The one in the picture was made by our own (SK) Joe W8TVT.

What's up with DMR?

Since the recent full-conversion of the club's 442.5+ repeater to DMR-Only (no analog), my email and facebook messages have seen an increase on folks asking all sorts of questions about DMR.

For the uninitiated, DMR is one of several "digital voice" modes available on consumer/commercial VHF and UHF mobile and portable terrestrial communications devices such as HTs and Mobile radios.

The club chose to convert the 442.5+ repeater to DMR due to many reasons, but two were tantamount:

- 1) To support the operations of interoperable communications with areas participating in District 7 Auxcomm, particularly our sister organization TBARG.
- 2) Low Cost. Entry-level equipment for DMR is easily found in single-band devices under the \$75 mark, and often under the \$100 mark for dual-band devices. Such devices also support Analog FM, so we felt that as a general-purpose Ham Radio club, ushering in new users at a low price-point to current-tech ham radio communications was a winning scenario.

This said, check out brands like TYT, Baofeng, Anytone, and other brands that offer low-cost DMR devices on your favorite market – Amazon, AliExpress, or ham-related markets like HRO, DXE or Gigaparts – whichever you're comfortable with. Almost all of them offer some very low-cost DMR options, especially compared to even the cheapest entry-level YSF, D-Star, NXDN or P25 digital devices. Currently DMR is the price-point winner.



How do I start if I'm new?

Most of the current DMR radios on the market today support both analog FM as well as DMR. My suggestion? Start with a few Analog channels. Go ahead and add 146.860- (PL 114.8) and a few other local analog FM repeaters – check out the club website for a current run-down on area-specific repeaters.

For DMR channels, I suggest you start with a single repeater, and use a channel for each TalkGroup you wish to access.

On the 442.5+ repeater, it is super common to see these talkgroups in use:

TS	TG	Ch
1	2416	District 7 AuxComm
1	51	Mi5 StateWide1
2	52	Mi5 StateWide2
1	53	Mi5 Event1
2	54	Mi5 Event2

I would begin by planning to create a channel in your radio dedicated to each of these talk-groups.

Once you're more familiar with the operation and programming of your radio, feel free to add more channels for more TalkGroups.

Continued on Page 6

Amateur Radio License Classes Resume

The First Step is to create a “Group Contact ID” in your radio. Once you find the option in your radio to do this, as an example for talkgroup 2416, I would name it something like “TG-2416: D7Aux” so that when you transmit and it shows on your screen, you know which group you’re transmitting to.

Second Step: it’s time to create the channel in your radio. Create the channel, make sure it’s set to Digital and not Analog. When naming the channel, my suggestion is to name it something so that when you see it on the screen, you will know which repeater and which group you’re going to be using. I suggest something like this: “TCM: 1-2416:D7Aux” – This lets you know you’re on the W8TCM repeater using Timeslot 1 and Talkgroup 2416.

Timeslots are important and I’ll cover this more in-depth next month! For the purposes of getting you going, know that **ALL** of the channels available on 442.5 are going to be using “Color Code 1” and can be on either Timeslot 1 or 2, as in the above table. So program in your frequency for Receive (442.5) and Transmit (447.5). Make sure you select Color Code 1, Time Slot 1, and choose the contact you created in step 1 - TG-2416: D7Aux.

Now when you transmit, you will be transmitting on 447.5 (the repeater input) on CC1 TS1 to contact 2416. Also when you receive signals, you’ll hear them if they are on TS1 / TG2416.

As you create the other channels (Timeslot 1 TG 51, Timeslot 2 TG 52, etc) you will notice that you will **ONLY** hear traffic when the repeater is repeating signals with those settings.

But that’s it! That’s the basics! You should be on the air! Next month we’ll tackle how Timeslots work, and what “Receive Groups” are. Until then, catch you on 442.500 DMR!

73, Joe, N8CN

Cherryland Amateur Radio Club re-started amateur radio license classes on March 14. A Technician class is filled to capacity and for the first time, is being held in conjunction with the Traverse Area District Library Sight & Sound division. Classes are at the TADL on Woodmere in Traverse City, on Tuesday evenings from March 14 – April 25.

The complete technician question pool is covered, by topic beginning with Electronic Principles, then Components, then Radio Waves and so on through all topics covered in the Technician Exam. The Cherryland Amateur Radio Club’s position is that we want to help people understand the theory and principles that guide Electronics, Radio, Safety and Regulations and the reasons behind them, not just the answers to the question pool.

Topics are covered by discussion and illustration – often with actual components, circuits and equipment that help bring the topics home in a hands-on style. Students leave each session with a copy of the Pool questions, and a module hand-out of the material covered that day.

The course ends April 25, just two weeks before the May 13 VE Examination which will also be held at the Traverse Area District Library.

Additional information on both the class, which is full, and the VE Exam is available on cherrylandarc.com. The Cherryland ARC plans to run another course over the summer, in time for the August VE Exam. - If you are interested in the summer session – email your inquiry to: email@cherrylandarc.com.

Proposed Bylaws

As indicated in the President's Corner (pg 2) the Cherryland ARC Board has completed a revision of the club bylaws. Pursuant to Article VI, a printing of the amended bylaws must be printed in the newsletter and presented to the Cherryland ARC meeting to be read, prior to a vote for adoption.

The following pages are the revised text of the document which will be presented for adoption by vote at the next general meeting: Tuesday, March 28th, 2023.

Revision 4

06 March 2023

Proposed:

CHERRYLAND AMATEUR RADIO CLUB

BYLAWS

Preamble:

We, the membership, wishing to secure for ourselves the pleasures and benefits of an association of persons commonly interested in Amateur Radio, constitute ourselves the **Cherryland Amateur Radio Club** of Traverse City, Michigan, a Michigan non-profit corporation, (herein referred to as the **Club**), and enact these bylaws as our governing law.

Mission:

It shall be our purpose to further the exchange of information and cooperation between members, to promote radio knowledge, fraternalism and individual operating efficiency, and to so conduct club programs and activities as to advance the general interest and welfare of Amateur Radio in the community.

ARTICLE I: Membership

1. This organization will not discriminate against any person on the basis of age, gender, race, religion or national origin.
2. Any person having an active interest in Amateur Radio shall be eligible for membership.
3. Application for membership shall be made to the Treasurer and upon payment of the appropriate membership, the application shall be accepted.
4. Membership Classes and Qualifications:
 - a. Regular Membership – any FCC licensed radio amateur.

Proposed Bylaws

Continued from page 7

b. Associate Membership – any unlicensed person with an interest in Amateur Radio.

c. Family Membership – a spouse, son or daughter of a regular member who holds a valid FCC Amateur Radio license and resides in the same household.

d. Student Membership – any licensed Amateur attending elementary, middle, junior high or high school full-time.

e. Honorary Membership

1. A newly licensed amateur is eligible for an honorary membership valid until the end of the first year of licensure.

2. Honorary Life Memberships can be conferred following a recommendation by the Board and a majority vote of the members at a regular club meeting.

5. A “member in good standing” is one whose dues are paid and who abides by the Club Bylaws. A member whose dues are in arrears 6 months or more is considered inactive and will be removed from the membership roster. An inactive member must pay the full annual dues for reinstatement. The Board may, at its discretion, continue in effect the membership of a member who has failed to pay his or her dues by a majority vote.

6. With the exception of Associate Members, all classes of members shall have full voting rights and are eligible to hold office.

7. Membership Dues. Dues and any assessments deemed necessary by the Board shall be set at the October Board meeting preceding the year they become effective. Said dues and fees will be presented to the general membership at the November regular club meeting to accept or reject by a majority vote.

8. Membership in the club may be terminated for the following reasons:

- a. Misappropriation of club funds or property.

- b. Malicious or grossly negligent damage to or destruction of club property.

- c. Activities or behavior at the club station which would be an embarrassment to either the club or the host facility.

- d. Any action resulting in loss of one’s FCC Amateur license.

- e. Any act which results in public disgrace or disrepute upon the club.

Proposed Bylaws

Continued from page 7

9. If a charge is made against a member which could result in termination of membership, said charge will be investigated by the Board. If the Board decides to proceed with the matter, the member involved shall be notified and given the opportunity to either appear before the Board or respond in writing to answer and defend against the charge. After the member has been given a minimum of 2 weeks to respond to the charge, the Board shall act on the charge and by a majority vote either reject the charge, continue the membership with stipulations, or expel the member. An expelled member will not be eligible for a refund of dues.

ARTICLE II: Officers and Directors

1. The named officers of the club shall be:

- a. President
- b. Vice-President
- c. Treasurer
- d. Secretary
- e. Digital Content Editor
- f. Emergency Coordinator
- g. In addition to the named officers there will be three (3) elected Directors

2. The Board of Directors (hereafter referred to as the Board) shall consist of the 5 named officers and the 3 elected Directors.

3. The named officers of the club shall be elected for a term of one (1) year at the regular club meeting in January of each year. The Directors will serve a term of three (3) years and only one (1) will be elected each year.

4. No person shall hold more than one (1) elected office.

5. Two (2) or more members of the same household may not serve concurrently as officers and/or Directors.

6. Vacancies occurring among elected positions shall be filled at the next regular club meeting.

7. January Elections. It shall be the duty of the Board to present a slate of proposed candidates for the five named offices and 1 Directorship at the January regular club meeting. In addition, the President will call for any nominations from the floor. With the exception of Associate members, any other class member is eligible for office and may be nominated by any regular member or self-nominated. Election will be by simple majority of the members present by show of hands. Any member may call for a paper ballot should he or she contest the election.

8. Elected officials (Officers and Directors) may be removed from office upon a proper vote of three-fourths (3/4) of the voting members in attendance at a regular meeting; provided that notice of the proposed vote is communicated to the membership at least two (2) weeks prior to the vote.

Proposed Bylaws

Continued from page 7

ARTICLE III: Duties of the elected officials and the Board.

1. President: The president shall preside at all Board and regular Club meetings, appoint or remove committee chairpersons and committee members, and be responsible for the conduct of club affairs, activities and proper functioning of all officials and committees.
2. Vice-President: The Vice-President shall assume all duties and authority of the President whenever the President is incapable of performing the responsibilities of the office.
3. Treasurer: The Treasurer shall collect all monies, pay bills, report the financial condition of the club, maintain the current club membership roster and publish the Club Directory as determined by the Board.
4. Secretary: The Secretary shall record minutes of all meetings and provide copies of said minutes to the President and the Digital Content Editor. In addition, the Secretary shall be responsible for all official club correspondence.
5. Digital Content Editor: The Digital Content Editor shall edit and publish, by either electronic means or print media, the monthly Cherry Juice newsletter, manage the club web site and any social media platforms the club may choose to use for distributing club information.
6. Emergency Coordinator: The Emergency Coordinator will act as liason between the Board and all public service agencies and organizations requesting our assistance in service to the general public and the community.
7. Directors: The Directors shall attend all Board meetings, be prepared to chair or serve on committees appointed by the President and assume the duties of other Board members if necessary.
8. The Club shall maintain a Technical Committee consisting of three to five regular club members appointed by the President with the advise and consent of the Board. This committee is tasked with maintaining the proper function of club equipment and reporting to the Board the status of the voice and digital repeaters. In addition, the committee will maintain an accurate inventory of club assets and develop a protocol for visits to the repeater sites.
9. The President shall appoint any other committees deemed necessary for the efficient operation of the Club.
10. The Board shall conduct most of the Club business at the Board meetings, thus relieving the regular Club meetings of routine Board activities and providing more time for programs. Expenditure of club funds or disposal of club assets in excess of fifteen hundred (1500.00) dollars shall require a majority vote approval of voting Club members at a regular Club meeting. Upon the request of any Board member, any matter may be referred to the club membership for discussion and guidance. Any matter voted on by the Club members shall be binding upon the Board.
11. The club recognized and affirms our association with the Traverse Bay Amateur Radio Group, a Michigan non profit corporation (hereby referred to as TBARG), as the emergency communications arm of the Cherryland Amateur Radio Club. The Club agrees to provide technical assistance and the use of Club equipment as requested by TBARG to support emergency communications to the community.

Proposed Bylaws

Continued from page 7

ARTICLE IV: Trustees

1. The Board shall appoint such a Trustee or Trustees as necessary to conduct discussions with the Federal Communications Commission (FCC) on any and all matters pertaining to the issuance and maintenance of Amateur Radio Station licenses issued to the Club. The Trustee(s) shall be responsible for the Club's compliance with the rules and regulations prescribed by the FCC relative to the operation of the Club's radio equipment where the FCC regulations pertain. He or she shall act as the Club's liaison with the ARRL and coordinating councils concerning Amateur Radio spectrum allocation and use. All actions of the Trustee(s) shall be under the direction and control of the Board.
2. A Trustee shall hold office until the expiration date of the Club station license for which he or she is responsible, or until he or she is no longer willing or able to serve and a successor is appointed.

ARTICLE V: Meetings

1. The Board shall meet on the first Tuesday of each month. The regular Club meetings will take place on the 4th Tuesday of each month. All Board meetings are open to the entire membership.
2. The order of business at the regular Club meetings shall be determined by the Club President. A treasurer's report shall be read or distributed at each meeting. The President shall allow ample opportunity for the members present at each meeting to discuss old business and introduce new business.
3. Quorums. Twelve (12) regular members shall constitute a quorum at regular Club meetings. Any combination of 5 named officers and Directors shall constitute a quorum for meetings of the Board.
4. At times when in-person meetings cannot be held due to extenuating circumstances, the Club leadership may choose to meet via video conferencing to ensure the smooth and continuous operation of the Club. A quorum will still be required to conduct Club business.

ARTICLE VI: Amendments to the Bylaws

Proposals to amend the Bylaws must be submitted to the Board. Proposals must be distributed in the Club newsletter and read at a regular Club meeting before being voted upon at the next regular meeting. A simple majority vote will be sufficient to amend the Bylaws.

ARTICLE VII: Dissolution

Upon dissolution of this organization, after payment of all just liabilities, any remaining assets shall be conveyed to an organization having similar purposes or to a recognized charitable organization under Section 501 (c)3 of the Internal Revenue Code of 1986, as amended. No portion of the assets may be transferred to any member or members.

These bylaws will be presented for adoption by vote at the next general meeting on Tuesday, March 28th, 2023.

CARC Membership Application Form

Last Name: _____ Nickname: _____

Callsign (if any): _____

Street _____ State: _____

Email: _____ Zip: _____

Phone: _____

Occupation: _____ (if applicable)

ARRL Member? Yes No

Please complete the form above and mail
along with your payment to:

Ward Kuhn, N8WK
P.O. Box 987
Traverse City, MI 49685

Membership Plans

Single Membership	\$ 24.00	
Family Membership	\$ 26.00	*
Student Membership	\$ 5.00	

* All members live in the same household

Coming Highlights

March

CARC Board Meeting	7-Mar
DMR D7 Auxcom Net	1,8,15,22,29
Project Nights	14,21
CARC Club Meeting	28-Mar

April

CARC Board Meeting	4-Apr
DMR D7 Auxcom Net	5,12,19,26
Project Nights	11, 18
CARC Club Meeting	25-Apr

May

CARC Board Meeting	2-May
DMR D7 Auxcom Net	3,10,17,24,31
VE Test Session	13-May
Project Nights	9,16,30
CARC Club Meeting	23-May

2022-23 Great Lakes Div. ARRL Sanctioned

Hamfest Calendar

ARRL Sanctioned Hamfests through June 2023:

3/19/23 - [Toledo Mobile Radio Assn](#), Perrysburg, OH
 3/26/23 - [USECA Hamfest](#), Troy, MI - **CANCELLED**
 4/1/23 - [Allegan County ARC April Fools Day Mini-Swap](#), Burnips, MI
 4/22/23 - [St Joseph](#), Centreville, MI
 4/30/23 - Athens, Athens, OH
 5/6/23 - [Wexaukee ARC Swap](#), Cadillac MI – see flyer attached
 6/3/23 - [IRA Hudsonville Hamfest](#), Hudsonville, MI
 6/4/23 - [Chelsea ARC Swap Meet](#) w/Mich Electronics Expo, Chelsea MI
 6/17/23 - [Midland ARC Hamfest](#), Midland MI
 6/18/23 - [Monroe Hamfest](#), Monroe MI

**CARC annual
dues were
due in
January ...**

**Are you
“Current”?**

Cherryland Amateur Radio Club

President	Jim, WB2LHP	Board Member	Mark, KC8ZAP
Vice President	Mike, KD8REH	Board Member	Drake, N8DMH
Treasurer	Ward, N8WK	Board Member	Scott, WX1J
Secretary	Hope, AA8SN	Cherry Juice Editor	Joe, N8CN

The Wexaukee Amateur Radio Club Presents the 63rd

Cadillac Amateur Radio And Computer Swap



**Card
Checker
On site**

**Saturday, May 6, 2023
Doors Open at 8 AM
Admission \$5.00**

**Mackinaw Trail Middle School
8401 S. Mackinaw Trail
Cadillac, MI 49601**

**Meeting
for
The UP
Net**

**Lots of
Vendors**

**Talk In on
146.980
K8CAD
Cadillac
Repeater**

Door Prizes

Table Information:

Table Rental:

\$12.00 per 8 foot table

Payment due with reservation

Table Request Forms

Available at

<http://www.wexaukee.org>

Wexaukee Amateur

Radio Club

PO Box 163

Cadillac MI 49601

Testing Information

Testing for all Licenses
Classes

Will be held on site

For testing procedures see

<http://www.arrl.org/what-to-bring-to-an-exam-session>

Testing Questions

w8ct@arrl.n

TEST SESSION 10:30 A.M.

TESTING FEE \$15.00

SEE WEBSITE FOR MORE
INFO



Wexaukee Amateur Radio Club Hamfest

Saturday, May 6, 2023

8 am to Noon

Hamfest Location:

MACKINAW TRAIL MIDDLE SCHOOL

8401 S. MACKINAW TRAIL

Cadillac, MI 49601

Tables must be paid for in advance. Any tables that were not purchased in advance will be on a first come first served basis at the door at 6 am.

Table Request (8 foot tables):

Number of tables = _____ X \$12 each _____

Everyone has to have a ticket:

Number of Tickets = _____ X \$5 each _____

Total: _____

Your Name and Call: _____

Address: _____

Your E-Mail Address: _____

Please mail a check payable to "Wexaukee Amateur Radio Club" and this completed form to:

Wexaukee Amateur Radio Club

PO Box 163

Cadillac, MI 49601

Table issues can be discussed with Don or Jan at dlabrenz@comcast.net or 231-206-5691.

Set up starts at 6:00 am on Saturday. Set up can be pre-arranged for Friday night. We are setting up on Friday night also and have staff on site until 6 pm or so.

Special Requests: _____

Official Use: Request # _____ Received Date _____ Check _____ Cash _____ Amount _____



QSO Today Virtual Ham Expo

March 25-26, 2023

Exhibition Opens March 25th at 0100 UTC

[See Schedule](#)

Presentations Begin

Saturday, March 25, 2023 at 08:00:00 PDT

Or Saturday, March 25th, 2023 at 15:00:00 UTC

2nd Day Exhibition Opens and Presentations Begin

Sunday, March 26th, 2023 at 08:00:00 PDT or

Sunday, March 26, 2023 at 15:00:00 UTC

Did you know that the Expo is a HUGE Ham Radio Social Event - Networking for 48 hours straight!

[Click Here to Go to Expo Registration and Ticketing](#)



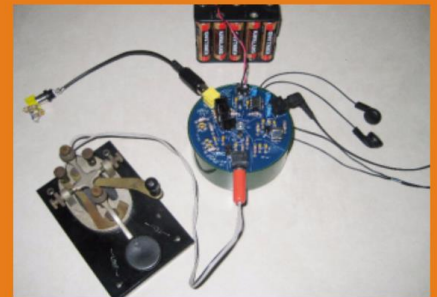
Click here to get the free vFairs mobile app for Android and iPhone

The QSO Today Virtual Ham Expo is the first and only on-line amateur radio convention, since August 2020.

Build a 40 Meter Transceiver at the Expo



Rex Harper, W1REX, returns to the QSO Today Virtual Ham Expo on Saturday March 25th at 10:00 AM PDT or 1800 UTC with his live build-a-thon, "Build A Simple Station and GOTA (Get On The Air!)", where he will build, with his audience, a simple 40 meter transceiver kit, available from Rex's kit company, QRP-ME. Once the transceivers are built, the builders will attempt to contact each other on the air that afternoon. A follow-up on Sunday, March 26th, called "We all GOTA-ed...So what happened? What worked and what didn't? A wrap up... will finish off the weekend's build-a-thon.



Event tickets and registration cost \$15.00 per person for the Expo weekend and 30 day on demand period

List of presentations - [Click Here](#)
List of amazing speakers - [Click here](#)