



## Message from the President

During this time of social distancing and safety precautions, the club has not met in-person since March. However, the club remains active and vibrant through participation in ham radio of our own interests and in community activities such as weekly TBARG, SMASH and MESH nets on the radio and Project Night weekly Zoom meetings.

TBARG ARES/RACES activities and Skywarn training nets are continuing their vital work. You are invited to participate and learn vital skills.

In July, the CARC board began met in-person, outdoors at the Civic Center Pavilion, where we can separate, but still hear and see each other to continue the club's business.

The Salvation Army Christmas in July, Kettle campaign was supported by CARC members and we thank you for your generosity to make our participation such a success.

Now, with the Picnic as our first back-to face-time event, we are trying to do activities that allow us to stay safe and yet be together.

Thank you for your patience and cooperation during this time. We all look forward to returning to club in-person activities in the future.

Ernie, K8RCT



Ernie, K8RCT sharing meal chat with Christian K8RGB

## Club picnic in July held at Sayler Park.

Our first foray into in-person events was held on July 28 at Sayler Park, near Yuba, MI. More than 18 club members and their families gathered at an outdoor shelter to share brats and hotdogs provided by the club and cooked to perfection by Glen K8SGZ.

Members brought dishes to pass, so the variety of food available was plentiful. Winner of the side-dish category was Christian K8RGB, whose home-made chili dish won the hearts and plates of all who attended.

Masks and social distancing were the norm and the space gave us plenty of opportunity to be together, but separated by safe distances.

Tom, WB8WIV who traveled to the picnic from Cadillac with his family of five, all of whom enjoyed meeting everyone and the family had a good swim.



Tom, WB8WIV, Ken, W8QKP, Frank Shumsky W8TVQ, with Joe, KC8RLU in the back.

Tom visited with Ken W8QKP and Frank, W8TVQ. The group had a lot of catching up to do.





Picnic (Continued from Pg 1)

Before, during and after, everyone at the picnic enjoyed visiting in person, which had not been possible since March. Conversation went around radio, to family, to community, gardens, fishing and back to radio again with more stops in between.



Jean, N8HLJ, enjoying the feast and visit



L-R, Jodi, K8NZB, Paula Anderson, Bob, KB8SVJ, Pat, N8HLK, visiting with Jennifer Abel.



Wouldn't be a picnic without the fun dogs.

The picnic was a great event, fun for all and a good time to visit, catch-up, and plan for future events where we can mingle and stay safe at the same time.

Thanks to everyone who attended. Thanks to Glen for cooking the main course and thanks to everyone who contributed tasty side dishes and the healthy variety of desserts. See you next year!



Glen K8SGZ had his digital voice hot-spot and DMR radio working on the table for all to see and some to experience. The DMR project is something you will hear more about in the TBARG column later. It's coming to CARC & TBARG later this fall, full access to all digital modes. Stand-by.



Glen, K8SGZ, Grill work done for the day.





# Weekend in the Field

The drive to the high-point in Leelanau peninsula winds through a cherry orchard maze that finally turns you loose in a high ridge overlooking West Bay and the Old Mission peninsula. From that high vantage point, about 18 or so CARC hams set up tents, antennas and feedlines for four main stations. There was also a solar powered vhf station and qrp FT8 station. Field Day 2020 started right on time on Saturday, June 27 at 1800 UTC ending at 2059 UTC Sunday the 28<sup>th</sup>.

The stations were separated by a good distance both to avoid RF interference, but to avoid as much as possible the possible Corona virus.

All stations were buzzing for the full 24 hours. As one can see in the results at the right, the Phone operators on 15 Meters were busy and contributed to a great success. While that's impressive, the CW team's solid performance on nearly all bands added much needed points.

CARC team did a great job producing Bonus points as well. With 500 points for emergency power and another 100 for Natural Power QSOs.

All in all, a great showing by the Club this year.



Ernie, K8RCT – setting up the 40M antenna.



Joe, KC8RLU and Mark, KC8ZAP at the 40 Meter Tent.

BAND	CW	DIGITAL	PHONE	TOTALS
80	120		28	148
40	159	12	34	205
20	5		112	117
15	38		538	576
10	5			5
6				0
2			12	12
Total QSOs	327	12	724	1063
Total Points	654	24	724	1402
Multiplier			2X	2804
<b>Bonus Points</b>				
100% Emergency Power				500
Natural Power QSOs				100
Safety Officer				100
Entry Submission by Web				50
Total Bonus Points				750
Preliminary Total Score				3554



Many other hams in the Club for various reasons, Covid safety, time or family obligations, elected to work Field Day from their homes or other locations. These ham's scores also count in the final tally, if when they submitted their scores, the listed on the Cabrillo file, that Cherryland Amateur Radio Club was their club. The ARRL, when it processes the scores, will give the ham credit for his/her score, but will also add that score to the CARC score. Double benefit.



The Centerpiece of the Field Day layout was, of course, the food tent, ruled by Glen, K8SGZ who managed to keep everyone fed and happy throughout the set-up, operation and tear-down.



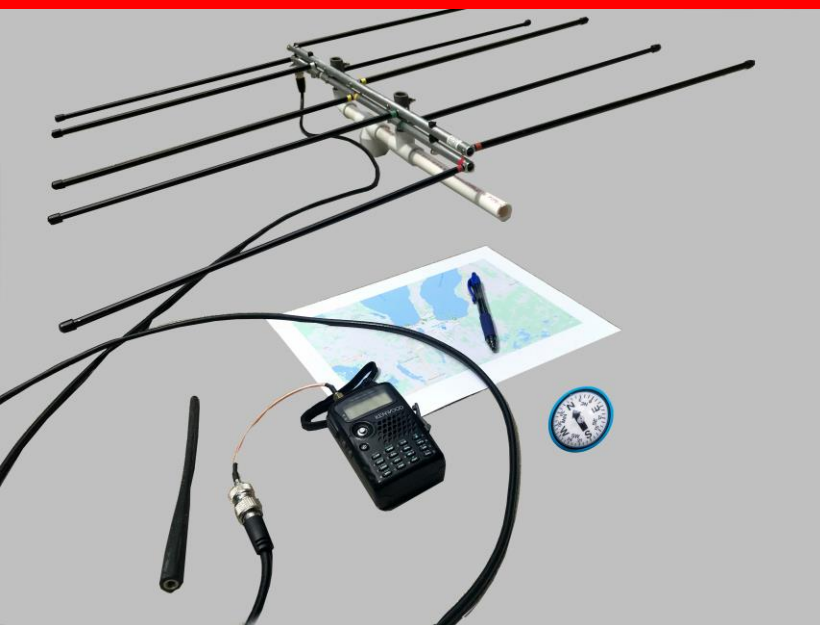
Glen, K8SGZ in the Food Station.



Taking Five before the action starts at Field Day.







# ANNUAL FOX HUNT AUGUST 23

## Here's what to do.

- Meet with the organizers at the Salvation Army post on the corner of Boon and Barlow in Traverse City – before 2pm, on Sunday, August 23. Understand what the search zone will be and perhaps partner up with another ham.
- Start by identifying the beacon signal and get a bearing with your directional antenna.
- Then change locations and get another bearing.
- Draw lines from your location on the map. Go where your bearing lines intersect and start the close in search.
- When you get close to the transmitter, switch to the stubby antenna and hold it close to your body, by rotating you will find the direction to walk.
- Try tuning slightly off frequency, and keep trying to identify the direction.
- Soon, you will find the fox.

We encourage you to join this year, by being either a team-member driving a vehicle, or as a radio-direction finder.

You do not need to be licensed to participate since you will not be transmitting.

## Here's what you need.

- A receiver, typically a hand-held radio or scanner.
- A directional antenna, such as a yagi that favors reception in one direction.
- A stubby antenna, like the one that came with your handheld from the factory.
- A compass, map and pen

Learn More.

[Link to YouTube Video](#)

**A**ugust 23, 2020 at 2:00 pm starting from the Salvation Army on Barlow and Boon streets, will run the 2020 Annual Fox Hunt.

Get your gear set, form teams and be ready to take off in pursuit of the elusive "fox."

If you have never participated, this could be a good time to try radio direction finding in an environment where other members can help you, show the way and perhaps you will be able to find the hidden transmitter.

Last year, Joe N8CN and his son Julian were the hidden foxes and managed to stay quite well hidden until. . . the inevitable arrival of several hams, working in teams, found their den, just off the rail-road tracks.

The rules are simple, The fox hides the transmitter and stays with it to declare order of who finds it. The transmitter is generally located within the boundaries of Traverse City. The contestants start from the Salvation Army and either work in pairs or as solo hunters.





# Net in Focus: The SMASH NET

By Scott WX1J

**Every** Sunday morning at 9:00 am since the early 1970s, **The Sunday Morning Amateur Social Hour Net** has been on the air and an important source of contact, camaraderie and friendship.

Ken Musson, W8QKP is the Net Control operator and has been the glue that holds the net together for more years than many of us have been licensed.

As someone new to the net, I was able to check-in and participate and felt welcomed when I did. It's a good net, well run and moves along at a good pace.

If you have the opportunity, some Sunday morning, tune in, check-in and share your thoughts for the day. You'll be glad you did.

We asked Ken to share his thoughts.

"I have been part of the net since probably the 70's. Most recently Joe Panyard K8DT ran the SMASH Net for a long time until his death a year or so ago. I was a frequent back-up and have been net control since Joe's passing," Ken explained.

"We have about 6-8 regulars, but have others that check in often as well, and some new-comers who are always welcome. The wealth of knowledge and experience is quite varied, and we have some interesting discussions." He continued.

Ken concluded, "I can't think of anything specific that occurred that was memorable. We just have fun!"

*To listen to a SMASH NET sample, click this link to Cherryland ARC Facebook live recording.*

[SMASH NET RECORDING](#)

## Sunday Morning Amateur Social Hour Net



09:00 Every Sunday Morning 3.935 MHz





**SKYWARN**  
**WEATHER.GOV**



## Coming Highlights

### August

**Project Night – Tuesdays**  
**7:00pm ZOOM 271957716**

Aug 11, Glen WB4KTF will Present “11 Projects I did during Covid Shutdown”

Aug 18, Alan WB2AEW will present a talk on “VNA/NANO-VNA technology and uses.”

Aug 23 – FOX HUNT  
Salvation Army 2:00 pm

### September

Sep 2, Skywarn Net

### October

Oct 7, Skywarn Net

Oct 27, Clint K6LCS a renown expert on satellite work, will present:

**“How to Work Amateur Satellites with Your HT”**

This will be a presentation to CARC from Clint's home in California. There will be AMSAT guests online as well.

The first Wednesday of each month is the SKYWARN Training net. It is on the W8TCM repeater in Traverse City and is operated by the Traverse Bay Area Radio Group, ARES/RACES Emergency Preparedness organization.

This net is to help prepare hams on the type of activity, communication styles and information that would be necessary in the event of a actual emergency.

SKYWARN Nets have been activated both this summer and

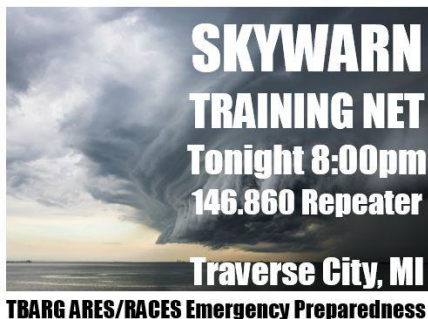
Many times in the past. What is important about SKYWARN is that it uses trained eyes and ears in our community to relay actual storm situation to the National Weather Service command posts who can only look at radar plots of storm activity. This on-the-ground information is critical to NWS decisions on deploying resources to the right areas. One more example of how ham radio serves the community.

NWS Storm Spotter Classes are available at no cost on-line.

Go to:  
<https://www.weather.gov/SKYWARN> For additional information and class schedules.

And go to: <http://tbarg.org/>

For information on TBARG and their important work in the community.



## Cherryland Amateur Radio Club

President

Ernie K8RCT

Vice President

Glen K8SGZ

Treasurer

Ward N8WK

Recording Secretary

Hope AA8SN

Communicating Secretary

Joe KC8RLU

Cherry Juice Editor

Joe N8CN

Cherryland Amateur Radio Club

<http://cherrylandarc.com/>

Traverse City, MI 49686