

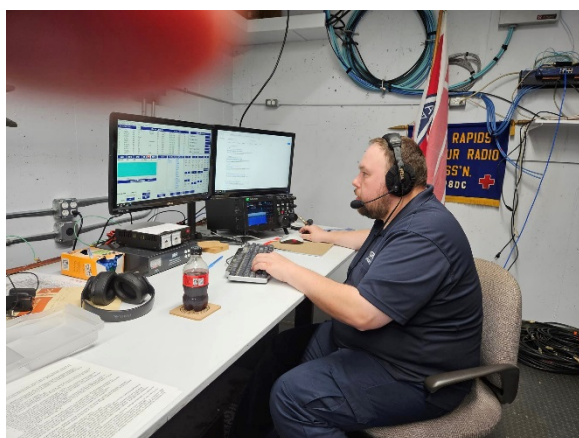


QRM

The Official Newsletter of GRARA
The Grand Rapids Amateur Radio Association

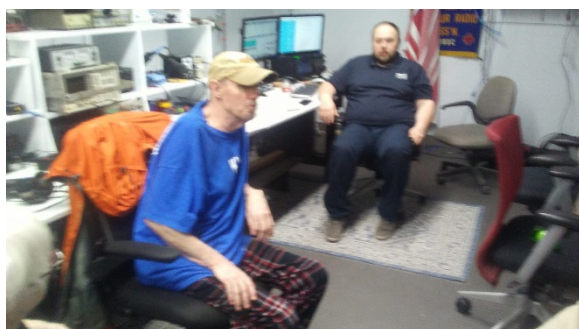
Spring 2023 Volume 2

Packet .070, Repeaters 146.760, 147.260, 444.400



We're Back operating.

Here Greg N8HR, GRARA's president, is operating in the Michigan QSO contest. This is in the newly-remodeled LIFE-EMS Education Center (Former Red Cross), 1050 Fuller Ave NE, Grand Rapids, MI, 49503. Below, Tom KI8W is operating CW.



Here Tom N8DGD , Bob KE8GBI and Tom KI8W take a break from operating to chat about the contest and the new rig Grara has.



The latest Flex radio. Tom, N8DGD, Mr. Button pusher had honors in using the rig first. The Radio Room is accessible by elevator for those who prefer not to use the stairs.

We all had a great time!

QRM

The QRM Newsletter is published quarterly. It is the official journal of the Grand Rapids Amateur Radio Association. GRARA is an American Radio Relay League affiliated club.

You may freely reprint any material in the QRM, but please credit the QRM, the original author, and the original publication, if given.

Everybody is encouraged to submit original articles on topics relevant to the hobby of Amateur Radio. Submit articles to the Editor, Editor@w8dc.org

2023 GRARA Officers

President - Greg Stroke N8HR

Vice-President -Steven Haueisen KD8MEY

Secretary – David Britten KD8DB

Treasurer –David DeVos KF8QL

On Air Director – Chris Longcore, KE8LQH

Off Air Director-Richie Ranta K8JX

Liaison Director: Jim Hessler,K8JH

Member at Large –Lisa Britten W8LSA

Technical Director - Steve Provost - AC8QE

Webmaster – Greg Stroke N8HR

Station Trustee - Tom Hansen N8DGD

Publisher

The Grand Rapids Amateur Radio Association.
PO Box 3282; Grand Rapids, MI 49501-3282 Visit our website- <http://www.w8dc.org>
E-mail us at- **president@w8dc.org**

Editor

Richard Ranta K8JX
812 Graceland NE
Grand Rapids MI 49505
616-361-5975
E-mail- **Editor@w8dc.org**

Membership Information

Anybody interested in the exciting hobby of Amateur Radio is invited to join the Grand Rapids Amateur Radio Association. There are four classes of membership:

Full Membership: Full membership costs \$25/year and is open to licensed Amateur Radio operators. Full members may run for a GRARA elected officer position and may vote on Club business.

Spouse/Family Membership: One spouse or an immediate adult family member of a Full member may apply for Spouse/Family membership at no cost. A member of this type, who is a licensed Amateur Radio operator, has all of the privileges of a Full member.

Senior Membership: Dues for members 70 and over are \$15/year. Senior members have the same privileges as Full members.

Youth Membership: A licensed Amateur Radio operator under the age of 18 years old may apply for Youth membership at no cost. Youth members have all of the privileges of Full members, except they may not run for the elected positions of President, Vice President, or Treasurer.

New Ham Membership: A newly licensed Amateur Radio operator may apply for New Ham membership at no cost. A New Ham member has all of the privileges of a Full member. Free New Ham membership lasts 12 months. Associate Membership: A non-licensed individual may apply for Associate membership. Adult Associate memberships cost \$25/year. Associate members may not vote and may not hold office.

Get out of the cabin (A.K.A. New Hams dinner)



Once each winter, we Ham's gather at the Pizza Ranch for friendship (and good food Too!). No better way to greet a cold, snowy February, or March than to get together with old friends and meet new friends.



If you've missed attending this yearly event, you can join us next year. The Local West Michigan club's participates in this event.

What better way to spend a winters day!

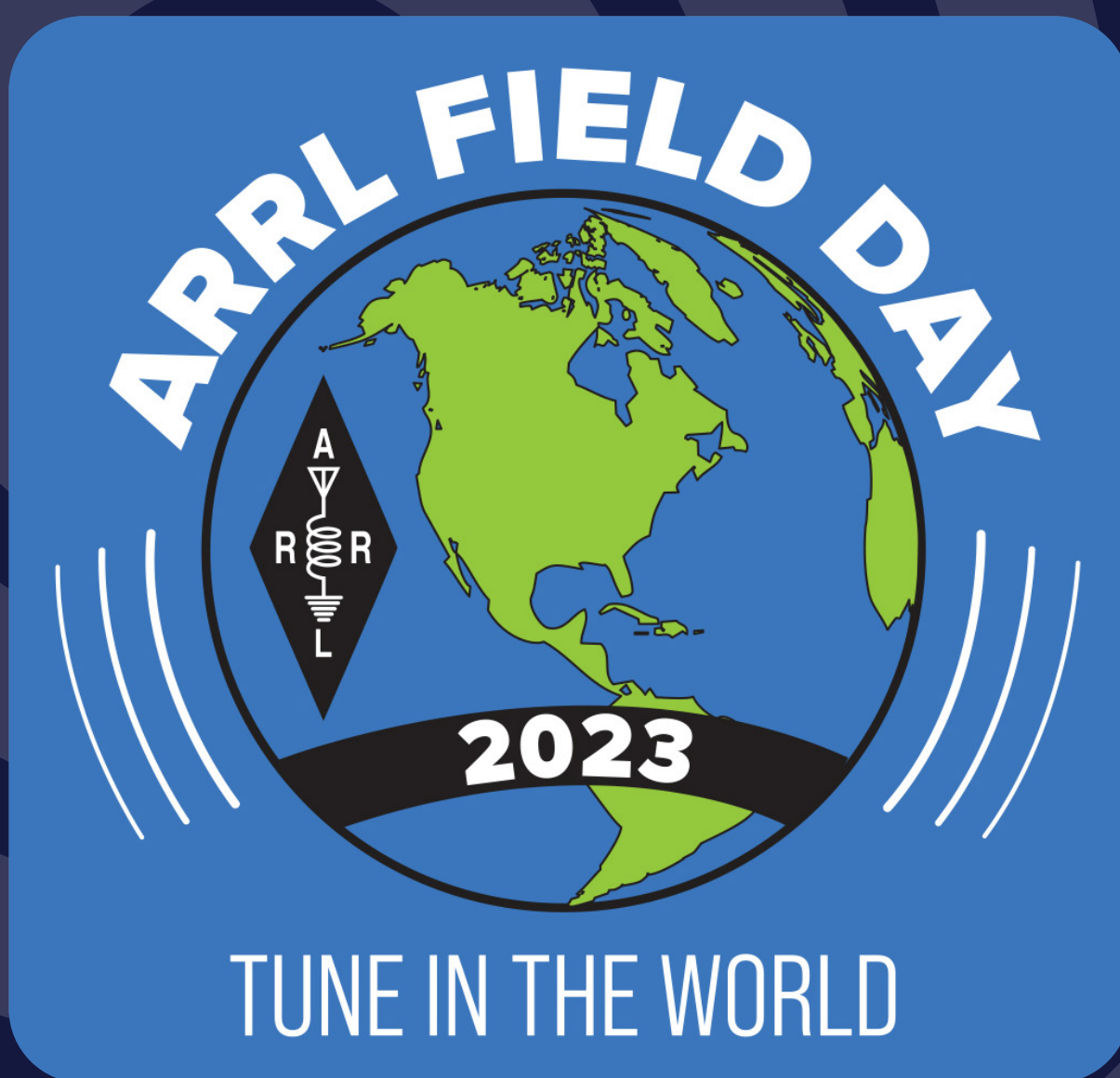
If you've read the news letter Jack NY8D posts each month, you'll notice a listing of area club nets.



Dave DeVos, KF8QL is the Ham responsible for compiling this list. He updates it when needed. That is a picture of our Dave with all his VHF-UHF-SHF gear running.

Thank you Dave.





WE WANT YOU TO BE A PART OF IT!

The most popular on-the-air operating event in amateur radio.

Join your local community and get in on the action!

**PARTICIPATE IN YOUR LOCAL
ARRL FIELD DAY JUNE 24–25, 2023**

**Grand Rapids
Amateur Radio
Association**

arrl.org/FieldDay

What is ARRL Field Day? You're Invited!

Field Day is a radio communications event that brings together amateur radio operators (also called “hams”) within your community. The event is part picnic, campout, practice for emergencies, informal contest, and most of all, fun! ARRL Field Day is the most popular ham radio activity held annually in the US and Canada. On the fourth weekend in June each year, more than 35,000 radio amateurs get together with their clubs, groups, or friends to operate from remote locations.

It is a time when many aspects of amateur radio come together to highlight its many roles. While some will treat it as a contest, other groups use the opportunity to practice their emergency response capabilities. It is an excellent opportunity to demonstrate radio communications to the general public and organizations that amateur radio might serve in an emergency. For many radio clubs, ARRL Field Day is one of the highlights on their annual calendar.

The contest part involves contacting as many other stations as possible while learning to operate radio gear in abnormal situations and less than optimal conditions.

These same skills are utilized to help with large, preplanned, non-emergency events such as marathons and bike-a-thons; fundraisers such as walk-a-thons; celebrations such as parades, and exhibits at fairs, malls, and museums.

Despite the development of very complex, modern communications systems — or maybe because they *are* so complex — ham radio has been called into action, again and again, to provide communications in crises when it really matters. Hams are well-known for their communications support in real disaster and post-disaster situations.

What is the ARRL?

With more than 150,000 members, ARRL is The National Association for Amateur Radio in the US. ARRL is the primary source of information and support for radio amateurs. ARRL provides books, news, information for individuals and clubs, special events, continuing education classes, and other benefits to its members.

What is Amateur Radio?

Often called “ham radio,” the Amateur Radio Service is a worldwide community of licensed operators using the airwaves with every conceivable means of communications technology. It is made up of people who enjoy learning and being able to transmit voice, data, and pictures through the airwaves to places near and far without depending on commercial systems. The amateur radio frequencies are the last remaining place in the usable radio spectrum where an individual can develop and experiment with wireless communications. Not only can hams build and modify their equipment, but they can also create new ways to communicate via the airwaves — and do it as a globally connected community. Many people in the hobby form lifelong friendships with people they wouldn't have otherwise met. Many rock stars, Hollywood actors, and heads of state (and even your neighbor down the street) are ham radio operators. You can be, too! Get started at Field Day!



ARRL The National Association for
Amateur Radio®

arrrl.org/FieldDay

2023 HUDSONVILLE IRA HAMFEST

Independent Repeater Association, Inc.

West Michigan's Largest Hamfest

Saturday, June 3 ~ 8AM-Noon

Tickets \$8 ~ 12 & Under Free

Spacious Indoor & Trunk Sales

Food & Drinks Available

Inside tables \$ 10, trunk sales \$ 5



Hudsonville Fairgrounds

5235 Park Avenue, Hudsonville

GPS: N42.8645 / W85.8763

FREE PARKING!

MULTIPLE DOOR PRIZES!!

FRIDAY 6:30PM ~ Potluck Dinner

Bring a dish to pass and join the fun, "Eyeball QSOs," entertainment, awards, and surprises. Hot dogs and burgers supplied. .

FRIDAY NIGHT ~ Camping Available on the Grounds

Showers & restrooms available. \$ 20 for camping overnight

SATURDAY 10AM ~ *FREE* VE Testing by the Holland ARC

Questions? Email hamfest@w8ira.org



Talk-in on the IRA
147.16 repeater.

Table Reservations

Send table requests to:

IRA
PO Box 8122
Kentwood, MI 49518

Or

QUESTIONS?

Email hamfest@w8ira.org

~ or call ~

616-209-9296

(If no answer, leave message)

PROCEEDS SUPPORT THE W8IRA/R LINKED REPEATER SYSTEM.

Your financial assistance is requested to maintain this system.

Name: _____ Call Sign: _____

Business Name: _____

Address: _____

City: _____ State: _____ Zip: _____

Phone: (____) _____ - _____ Email: _____

_____ Tables	@	\$10.00	=	\$ _____
_____ Outside Trunk Space	@	\$ 5.00	=	\$ _____
_____ Outside Electric Hookup	@	\$ 5.00	=	\$ _____
_____ Campsites	@	\$20.00	=	\$ _____
_____ Campsite Electric Hookup	@	\$ 5.00	=	\$ _____
_____ Tickets	@	\$ 8.00	=	\$ _____

PayPal

PayPal Email:

treasurer@w8ira.org

Donation to IRA \$ _____

TOTAL \$ _____

Thanks for your support!

PayPal

PayPal Email:

treasurer@w8ira.org

RADIO VOLUNTEERS NEEDED:

DO YOUR PART, volunteer for at least ONE event this year. You can do it!

TULIP TIME! Thursday, May 11th and Saturday, May 13th.

We are looking for volunteers to help out with medical communications for the 2023 Tulip Time parades. This is perhaps our best opportunity each year to represent HARC and amateur radio within our community, and we are providing a critical service to local residents and visitors. It's also a great time!

Radio operators are paired up with one or more medical personnel and assigned a section of the parade route. Once on station, we patrol and look for participants or spectators that are in need of medical assistance. When we encounter a medical need, we relay information regarding the patient's condition and location to Net Control. Our Net Control operators work alongside public safety and emergency medical dispatchers, and ensure that help arrives as soon as possible.

This year's parades are on Thursday, May 11th (Kinderparade) and Saturday, May 13th (Volksparade). We usually meet around noon and are finished by 4pm on both days. If you're interested in volunteering, please reply to this message or email me at todd@w8yhf.org and let me know which parade(s) you're available to help.

Thanks and 73, Todd Boss W8YHF

RIVER BANK RUN, Saturday, May 13.

CRUNCH TIME, still in need of additional volunteers for the 2023 River Bank Run. You don't need to be a RACES, ARES, KCSAR or member of any club. All you need is an amateur radio license and the willingness to assist.

The Main Event is on May 13th from 6AM - 1PM with varying end times. We will also have a RBR Pre-Meeting on Friday May 12th Location TBD 6:30PM - 8:30PM. (We need about 80-85 People to help with the main event in various positions)

The Junior River Bank Run. This will be located at the Grandville Middle School (3535 Wilson Ave SW, Grandville, MI 49418). The event is from 5:30 to 7 PM May 10th. We would like to be there between 4:30 and 5 PM for setup and planning.

Come and join us and spread the work to anyone who may be interested in assisting.

Sign up at: <http://bit.ly/3lfcY02>

For those who have never worked the River Bank Run. This is the PREMIER Communications event in Kent County. This event is one that you'll enjoy and come back every year for more! The RBR event is HUGE and keeps growing!

<https://www.facebook.com/41KCEST> <https://www.kcest.org/>

<https://amwayriverbankrun.com/>

LUNCH BUNCH, FRIDAYS AT NEW BEGINNINGS RESTAURANT, 1455 Michigan St NE, Grand Rapids, between Fuller and Ball Ave.

Map: <https://goo.gl/maps/1fHNcp3un4HQfDUa8>

Close to Downtown Grand Rapids, near the expressways, serving a full breakfast and lunch menu.

<https://www.allmenus.com/mi/grand-rapids/59561-new-beginnings-restaurant/menu/>

Arrive 11:30AM or whenever you get there, stay until you're ready to leave.

Lunch Bunch is open to all hams, aspiring hams, inquisitive non-hams, etc. We don't care, regardless of any, or no, club affiliation. It's a Beer & Bull session, without the Beer. We'll talk about radio and most any other subject that comes up.

It's just a gathering of hams, and there's always room for you. If you're waiting for a personal invitation, **THIS IS IT!**

2ND HAND HAM SHOP, Saturdays, 9AM until 12 Noon or until everyone is gone.

Used equipment, parts (some that are hard to find) and eyeball rag chew with fellow enthusiasts.

7830 80th Ave, between Polk and Baldwin, Zeeland (Blendon Township)

Map: <https://goo.gl/maps/mJ82NL1a9U12>

<https://www.facebook.com/2ndHandHamShop>

kd8deg@centurytel.net (616)292-3335

Check out the only full time Amateur Radio store in Michigan. HAMSTERS in Dowagiac, new and used radio gear.

"HAMSTERS, Your place for amateur radio items at a fair price."

<http://ham-sters.com/> <https://www.facebook.com/HamStersSomewhereInTime>

NETNETNETNETNETNETNETNETNETNETNETNETNETNETNETNET

ATTENTION YLs! Yes, that's you, the female members of the ham radio community. You are invited to join our TASYL (The Auto State Young Ladies) group. The purpose of TASYLs is to promote fellowship among women who share the common bond of amateur radio. Membership is open to any YL, with or without a ham license. Our TASYL Net is Thursday mornings at 9:00 am on 3940 kHz. We discuss common interests, technical topics, and upcoming events and activities. You can learn more about our group at our website <http://tasyl.k8ch.net>. Hope to hear from you soon!

33 (The Sign Off for YL Hams Everywhere)

CW PRACTICE. Having settled on a good frequency, (146.480 simplex), I would like to invite you to join us Thursday evenings, 8PM for a little fun with FM Simplex. If you have an oscillator, we can practice some CW on 2m, or if you want to test your radio for Simplex operation, we got that too. 73, Greg, KE8GC

Hello everyone, As many of you know, we are doing a Simplex net on Thursday nights at 8PM on 146.480. Many have expressed an interest in establishing a link of relays extending from west to east Michigan. The extremes of those stations extends from Muskegon to Jackson.

If any of you wish to join us as a link station, please let me know. Thanks!

73, Greg Conlon, KE8GC ke8gc.hamradio@gmail.com

The following chart created by Dave KF8QL, with updates.

Monday

11:00AM MARA Daily Net 444.45+ (94.8Hz) or C4FM

12:00 IRA MI Noontime Net 147.16+ (94.8Hz)

5:30pm After School Net 147.16+ (94.8Hz)

7:30PM Holland ARC Net 147.06+ (94.8Hz)

8:30PM Michigan One DMR Net Mi talk group 3126 local Brandmeister DMR repeater or hotspot.

9:00PM Michigan VHF Traffic Net 147.16+(94.8Hz)

Tuesday

11:00AM MARA Daily Net 444.45+(94.8Hz) or C4FM

7:00PM GRARA Net 147.26+(94.8Hz)

7:00PM Calhoun Co ARES Net 147.12+(186.2Hz) No Net on 3rd Tuesday

8:30PM WM 6 Meter SSB Net 50.140 USB

Wednesday

3:00AM Insomniac Net 147.16+(94.8Hz)

11:00AM MARA Daily Net 444.45+(94.8Hz) or C4FM

12:00 IRA MI Noontime Net 147.16+(94.8Hz)

7:00PM (2nd & 4th) Riverside Radio Amateurs Net 444.725+(94.8Hz)

8:00PM West MI Emergency Comm Net 145.27-(94.8Hz)

8:00PM Allegan 10 Meter NET 28.380

9:00PM Michigan VHF Traffic Net 147.16+(94.8Hz)

Thursday

9:00AM Auto State YLs TASLYs Net 3940KHz

11:00AM MARA Daily Net 444.45+(94.8Hz) or C4FM

6:30PM SATERN Net K8SN 442.175+(103.5Hz) AND W8LRC 145.27-(94.8Hz)

7:30PM MARA Net 145.23-(94.8Hz) x3rd Thursday

7:30PM MARA Net 145.23 simplex 3rd Thursday

8:00PM Fun with simplex + CW practice. 146.48 Greg KE8GC

8:00PM 6 Meter AM round table net 50.400

Friday

11:00AM MARA Daily Net 444.45+ (94.8Hz) or C4FM

12:00 IRA MI Noontime Net 147.16+ (94.8Hz)

7:00PM TGIF Net Holland ARC 146.06- (94.8Hz) FIRST FRIDAY ONLY

9:00PM Michigan VHF Traffic Net 147.16+ (94.8Hz)

Saturday

8:00AM MARA 6 Meter AM Net 50.400 AM

Sunday

8:00AM 6 Meter AM round table net 50.400

4:00PM 10 Meter Ragchew Net 28.870USB

8:00PM WM Classic Six Meter AM Net 50.400AM

8:30PM Sidewinders Around MI Net 144.155USB

SATERN DIGITAL NET Wednesday at 8pm on BM 31269 with FSN room 43641 or EchoLink K8SN-L. All Hams are welcome to this national Net.

For more info contact Bob at dennis49544@gmail.com

Regional or national nets carried on the N8JPR 223.92+ (94.8Hz) repeater.

Daily: The Nightcrawlers 220 Net, 1-2am hosted by the WM9W group in IL.

Sunday: The 220 at 2:20 Net, 3:20PM- 4:20PM, hosted by the WM9W group in IL.

Tuesday: Parker City IN 220 Net, 9-10pm, hosted by the K5VOM group in IN.

Thursday: DFW 220 Net, 9-10pm, hosted by the MJARS group in TX.

Friday: Oklahoma 220 Net, 9-10pm, hosted by the W5CUE group in OK.

Saturday: The Original 220 Preservation Net, 9PM, hosted by the W9MW group in IL.

TNX to Greg KE8GC and Tom KB8TYJ for the 220 list.

Want your NET listed here? Send me the information!

List of **WEST MICHIGAN HAM NETS**

http://w8lrc.org/net_calendar/

AMATEUR RADIO PUBLIC SERVICE NETS throughout Michigan

<https://mi-arpssc.org/net/>

SKYWARN KENT COUNTY: Anyone interest in being a Net Control Station please contact Tom KB8TYJ tombehler@gmail.com To be NCS you will need 2M/440 base station and a high speed computer to work radar.

NEWS BROADCASTS on the IRA Link System 147.16

AMATEUR RADIO NEWSLINE Tuesdays at Noon

ARRL NEWS Thursdays at Noon

Coverage map with remote frequencies: <http://w8ira.org/wp-content/uploads/2015/10/largemap.jpg>

FOLLOWING THE NEWSCASTS the IRA Repeater enters Parrot (Echo) mode for 5 minutes. Good time to check your signal and modulation as this mode repeats your transmission.

NEWS BROADCASTS on the Lowell System 145.27

ARRL NEWS Saturdays 7PM & Sundays 7PM

AMATEUR RADIO NEWSLINE Saturdays 7PM & Sundays 7AM

Other area repeaters carrying news, send me details to be included.

****MONTHLY EVENTS****

Holland HAM IS FOR BREAKFAST!

Last Saturday of the month, April 29, Southside Inn, 192 W 35th St, Holland,
9:00am, Back Room - Reserved

Where the coffee is hot and I'm sure the conversation will be lively!

Map: <https://goo.gl/maps/X8wwwZ4Q93pf9aVu7>

<http://www.hollandarc.org/> <https://www.facebook.com/groups/233793361844/> K8
DAA <https://www.facebook.com/HollandAmateurRadioClubK8DAA> K8DAA
147.06+ (94.8Hz)

Muskegon Area Amateur Radio Council meeting, first Thursday, May 4, 7PM,
at the MAARC Clubhouse, 2888 N Scenic Drive, Muskegon, MI

Map: <https://goo.gl/maps/vgdyPEzqsbszZDewg7>

TI: W8ZHO 146.94- (94.8Hz)

http://www.w8zho.com/main/page_home.html

<https://www.facebook.com/groups/424216613247162>

<https://www.facebook.com/w8zho>

KENT COUNTY MONTHLY SIREN TEST, first Friday, Spring to Fall, May 5,
12: NOON.

Report what you hear to 145.27- (94.8Hz) W8LRC or 442.175+ (103.5Hz) K8SN or
Smartphone <https://t.ly/E0Ie>

Grand Rapids Amateur Radio Association (GRARA-W8DC) monthly meeting,
first Friday, May 5. At the renovated LIFE-EMS Education Center (former Red Cross)
Building at 1050 Fuller Ave NE, GR, between the I-196 Ford Fwy and Leonard St.

<https://w8dc.org/meetings/>

Map: <https://goo.gl/maps/1LqRpw7TKWw8XKFM7>

WEDNESDAY OPEN RADIO ROOM is back! Opens around 4pm to sometime
after 7PM when things slow down for the night. Stop by whenever you can.

There is a stairwell on the north side right next to our antenna tower, that is the
entrance we use for the building. <https://w8dc.org/open-radio-room/>

SUNDAY OPEN RADIO ROOM as well, 1PM to 4PM.

<http://www.w8dc.org/> <https://www.facebook.com/groups/GRARA.W8DC/> <https://twitter.com/W8DC> GR W8DC 147.26+ (94.8Hz)

Holland Amateur Radio Club K8DAA Meeting Second Wednesday, May 9, 6:30PM.

Herrick District Library main floor meeting room, 300 S River Ave, Holland

Map: <https://goo.gl/maps/4bBC3Fqs6zBvCApd7>

<http://www.hollandarc.org/> <https://www.facebook.com/groups/233793361844/> <https://www.facebook.com/HollandAmateurRadioClubK8DAA> K8DAA 147.06+ (94.8Hz)

Allegan County Amateur Radio Club (ACARC-AC8RC) monthly meeting second Tuesday, May 9, 7PM Plainwell Public Safety Complex, 119 Island Avenue, Plainwell.

The training room entrance is just North of the main entrance, towards the big doors used by the Fire trucks. Map: <https://goo.gl/maps/MrttWWZJc3B2>

Email us at Ac8rcmi@gmail.com to get details on how to join the meeting on Zoom.

<https://ac8rc.org/> <https://www.facebook.com/ac8rc/> AC8RC 147.24+ (94.8Hz)

Michigan Amateur Radio Alliance (MARA-W8USA) meeting second Wednesday, May 10, 7:30PM, Plainfield Township Fire Department Admin Building, 2nd Floor Conference Room, SW corner of 5 Mile and Plainfield.

Map: <http://w8usa.org/wordpress/wp-content/uploads/2021/06/Meetings.jpg>

<https://w8usa.org> <https://www.facebook.com/groups/MARAW8USA/> W8USA 145.230- (94.8Hz)

VE EXAM - GRAND RAPIDS, second Friday, May 12. Testing location is at the Life EMS Education Center (1050 Fuller Ave NE, Grand Rapids, MI 49503), downstairs in Classroom C.

Website: <https://w8dc.org/license-testing/> Contact Stephen Provost AC8QE stprovost@provtechs.com

Map: <https://goo.gl/maps/1LqRpw7TKWw8XKFM7>

Registration begins at 6:00pm and testing follows at 6:30pm. Laurel VEC, no exam fee, however, the FCC has imposed a \$35 fee. This fee will be paid to the FCC, not us. More info <https://www.arrl.org/fcc-application-fee>

Before coming to the testing session we need you to complete two items, Obtaining an FRN <https://apps.fcc.gov/coresWeb/publicHome.do> and filling out the exam form

BARA Breakfast, Second Saturday of each month, May 13, 8:00 AM at Curley Cone 12850 M-179, Wayland MI 49348. Phone number 269-792-6560. The restaurant is located about 250 yards east of the intersection of M-179 and Patterson Road. Anyone with an interest in amateur radio is invited to join us for breakfast.

We try to provide an accurate number of breakfast attendees to the restaurant management by noon on the day before the breakfast. bara_newsletter@yahoo.com

Map: <https://g.page/CurleyCone?share>

<https://k8bmi.org/> <https://www.facebook.com/groups/244810886954700/>

K8BMI 442.725+(94.8Hz)

VE EXAM - MUSKEGON, Second Saturday, May 13, 10AM at the MAARC Clubhouse

MAARC Provides regular testing the Second Saturday of every month. License exams start at 10AM at the Club House, 2888 Scenic Drive. You also need an ID, FRN #, and \$15 cash necessary for processing your license application. If Upgrading your license, please bring a copy of your current license.

MAP: <http://mapq.st/2Gq86zV>

http://www.w8zho.com/main/page_licensing.html 146.94-(94.8Hz)

Contact: ve@w8zho.com

Lowell Amateur Radio Club monthly meeting, third Thursday, May 18, 6:30 PM social, 7PM meeting. All are welcome.

Flat River Outreach Ministries, 11535 Fulton St E (HWY M-21), Lowell

Map: <https://g.page/FROMlowell?share>

<http://www.w8lrc.org> <https://www.facebook.com/w8lrc/> 145.27-(94.8Hz)

NOTE: The weekly Thursday Open Radio Room has resumed, same as meeting time, all welcome.

VE Testing, Ionia County RACES, 3rd Saturday (except April and December) 4PM, May 20, Ionia County Central Dispatch, 545 Appletree Dr, Ionia http://wa8rra.org/?page_id=452 n8mrc@yahoo.com

Holland ARC E.A.T. meeting (Education And Training) fourth Tuesday, May 23, 7PM, at the Herrick District Library, 300 S River Ave, Holland.

Subject: Instruments & Measurements. Become acquainted with the instruments used to measure electricity: voltmeters, ammeters, ohmmeters, multimeters, and the oscilloscope.

You don't have to be a club member to attend – all hams and everyone interested in amateur radio are welcome to join us! Demonstrations, as well as answer any questions and especially help newcomers get started in the hobby. The sessions are open to the public and you do not need to be a HARC member or have an amateur radio license to attend. If you have questions about amateur radio equipment, operating practices, licensing, test and measurement, or anything remotely related to amateur radio, this is the place to be.

Map: <https://goo.gl/maps/4bBC3Fqs6zBvCApd7>

<http://www.hollandarc.org/> <https://www.facebook.com/groups/233793361844/>

<https://www.facebook.com/HollandAmateurRadioClubK8DAA>

K8DAA 147.06+ (94.8Hz)

Barry County ARA (BARA-K8BMI) meetings, Tuesday after the 3rd Saturday of the month, May 23, 7:00 PM with a 6:30 PM informal "Gathering Time". At the Barry County Emergency Operations Center (EOC), in the basement of the E911 Central Dispatch building at 2600 Nashville Rd, Hastings (next to Thornapple Manor). Facing the building, go to the door on the left. Press the doorbell button near the door and pull the door open when you hear a click. Use 146.56 MHz simplex for talk-in if you need directions.

Map: <https://goo.gl/maps/jw8vkLmB7VGVqmr17>

<https://k8bmi.org/> <https://www.facebook.com/groups/244810886954700/> K8BMI 442.725+ (94.8Hz)

North Ottawa ARC NOARC-W8CSO monthly meeting fourth Thursday, May 25, 6:00 PM, at Spring Lake District Library, room 1, 123 E Exchange Street.

Map: <https://goo.gl/maps/YgRiUbXYwPeoYsUL7>

<http://www.w8cso.org/>

<https://www.facebook.com/groups/401316979888404/> W8CSO 145.49- (94.8Hz)

VE Testing, Allegan County ARC, 4th Saturday odd months, May 27, 9AM, Martin Township Community Building, 998 Templeton St, Martin, MI 49070.

<https://www.facebook.com/ac8rc/>

http://ac8rc.org/?page_id=53 mailto:w8rmn@arri.net

Map: <https://goo.gl/maps/xzHwtCHFAGM2>

IRA Hudsonville Hamfest, Saturday, June 3

Location: Hudsonville Fairgrounds, 5235 Park Ave, Hudsonville, MI 49426

Website: <http://w8ira.org/hudsonville-hamfest/>

Flier: <http://w8ira.org/wp-content/uploads/2022/11/IRA-Hamfest-2023-two-sided.pdf>

Sponsor: Independent Repeater Association

Type: ARRL Hamfest

Talk-In: 147.16+ (94.8Hz)

Public Contact: Tom Bosscher K8TB, 3148 Rosewood Hudsonville, MI 49426

Phone: 616-209-9296 Email: hamfest@w8ira.org

***TASYL (The Auto State Young Ladies)** group will meet at somewhere at the fest, 10AM. <http://tasyt.k8ch.net/>

Flier attached

GRAHAMFEST 2023, Saturday, September 9, 2023

Home School Building, Wyoming, MI

<https://w8dc.org/grand-rapids-area-hamfest/>

6th Annual IRA OPEN HOUSE & SITE CLEANUP, Saturday, September 30, 9AM to 2 or ?. Rain date, Saturday, October 7.

The Independent Repeater Association (IRA) W8IRA is doing Open House and cleanup at the 92nd Street Hill repeater site.

<http://w8ira.org/>

Kent County Emergency Services Team (KCEST-KC8EST)

kcest_info@kcest.org

<https://www.kcest.org/> <https://www.facebook.com/41KCEST> K8EST 145.11-
(94.8Hz)

SATERN (Salvation Army Team Emergency Radio Network-W8SAT)

Contact sa.saturn20@gmail.com

<https://centralusa.salvationarmy.org/usc/satern-program/>

West Michigan Technical Group is a group of "Hams" that support the West Michigan Amateur Radio community with reliable and open communication systems.

<https://www.wmtg.me/> <https://www.facebook.com/wmtgnet/>

UP COMING HAMFESTS

ARRL Hamfest and Convention Database <http://www.arrl.org/hamfests/search>

Check ARRL hamfest search and sponsor websites for any updates or cancellations before heading out

Wexaukee ARC Swap & Shop, Saturday, May 6

Location: Mackinaw Trail Middle School, 8401 South Mackinaw Trail, Cadillac, MI 49601

Website: <http://www.wexaukeearc.org>

Flier: <https://www.wexaukeearc.org/wp-content/uploads/2023/01/2023-Swap-Flyer.pdf>

Sponsor: Wexaukee Amateur Radio Club

Type: ARRL Hamfest

Talk-In: 146.980-

Public Contact: Gordon Baldwin W8CT, 121 North Al Moses Road, Lake City, MI 49651

Phone: 231-839-6690 Email: w8ct@arrl.net

Dayton Hamvention, Friday, May 19 - Sunday 21, 2023

Location: Greene County Fairgrounds and Expo Center, 120 Fairgrounds Road, Xenia, OH 45385

Website: <http://Hamvention.org>

Sponsor: Dayton Amateur Radio Association

Type: ARRL Hamfest

Talk-In: 146.94-(123.0Hz) alt 146.985-(123.9Hz)

Public Contact: Jim Gifford KD8APT, PO Box 964 Dayton, OH 45401

Phone: 937-276-6930 Email: info@hamvention.org

IRA Hudsonville Hamfest, Saturday, June 3

Location: Hudsonville Fairgrounds, 5235 Park Ave, Hudsonville, MI 49426

Website: <http://w8ira.org/hudsonville-hamfest/>

Flier: <http://w8ira.org/wp-content/uploads/2022/11/IRA-Hamfest-2023-two-sided.pdf>

Sponsor: Independent Repeater Association

Type: ARRL Hamfest

Talk-In: 147.16+ (94.8Hz)

Public Contact: Tom Bosscher K8TB, 3148 Rosewood Hudsonville, MI 49426

Phone: 616-209-9296 Email: hamfest@w8ira.org

Flier attached

Chelsea Amateur Radio Club Swap Meet Partnering with Michigan Electronics Expo

Sunday, June 6

Location: Chelsea Community Fairgrounds, 20501 W. Old US Hwy 12, Chelsea, MI 48118

Website: <http://wd8iel.com/2023-chelsea-amateur-radio-club-swap-meet/>

Sponsor: Chelsea Amateur Radio Club

Type: ARRL Hamfest

Talk-In: 145.450-(100Hz)

Public Contact: Michelle Dye KD8GWX, PO Box 664 Manchester, MI 48158

Phone: 1-734-717-5660 Email: wd8iel@gmail.com

Midland Amateur Radio Club Hamfest, Saturday, June 17

Location: Salvation Army Building, 330 Waldo Ave, Midland, MI 48640

Website: <http://www.w8kea.org>

Sponsor: Midland Amateur Radio Club

Type: ARRL Hamfest

Talk-In: 147.0+(103.5Hz)

Public Contact: Lee Hodges KC8ITI, 134 N. Homer Rd. Midland, MI 48640

Phone: 989-486-3771 Email: lee.hodges@charter.net

Monroe Hamfest, Sunday, June 18

Location: Monroe County Fairgrounds, 3775 S. Custer Rd, Monroe, MI 48161

Website: <https://mcrca.org/Hamfest/Index>

Sponsor: Monroe County Radio Comm Assoc

Type: ARRL Hamfest

Talk-In: 146.72-(100Hz)

Public Contact: Fred VanDaele K8EBI, 4 Carl Dr, Monroe, MI 48162

Phone: 734-755-4904 Email: ka8ebi@yahoo.com

GMARC Trunk Swap, Saturday, July 15

Location: Packard Proving Grounds, 45601 Fox Ln. W. Apt 106, Shelby Township, MI

Website: <http://www.gmarc.org/wp/event/gmarc-trunk-swap-3/>

Sponsor: GM Amateur Radio Club

Type: ARRL Hamfest

Talk-In: 443.075+(123Hz)

Public Contact: Bobby Corr N8CY, 45601 Fox Ln. W. Apt 106 Shelby Township, MI 48317

Phone: 248-346-2733 Email: BobbyCorr@att.net

Adrian Hamfest, Sunday, September 17

Location: Lenawee County Airport, 2651 W. Cadmus Rd, Adrian, MI 49221

Website: <http://w8tqe.com/hamfest.htm>

Flier: <http://w8tqe.com/pdfs/2023%20Hamfest%20Flier.pdf>

Sponsor: Adrian Amateur Radio Club

Type: ARRL Hamfest

Talk-In: 145.37-(85.4Hz)

Public Contact: Mark Hinkleman NU8Z, 108 E. Kilbuck St. Tecumseh, MI 49286

Phone: 517-902-3091 Email: cqnu8z@comcast.net

Top of Michigan Amateur Radio Club & Thunder Bay Amateur Radio Club
Hamfest

Saturday, September 23

Location: Gaylord Knights of Columbus Hall, 2573 Wilkinson Rd, Gaylord, MI 49734

Website: <http://www.nm8rc.org>

Sponsor: Top of Michigan ARC Gaylord and Thunder Bay ARC Alpena

Type: ARRL Hamfest

Talk-In: 146.82-(118.8Hz)

Public Contact: Joseph Hickerson N8JTQ, 1593 Murner Rd, Gaylord, MI 49735

Phone: 989-858-3541 Email: jhickerson6@yahoo.com

Kalamazoo Hamfest, Saturday, October 7

Location: Kalamazoo County Expo Center And Fairgrounds, 2900 Lake Street,
Kalamazoo, MI 49001

Website: <http://www.kalamazoohamfest.com>

Flier: <http://www.kalamazoohamfest.org/Flier2023.pdf>

Sponsor: Kalamazoo SMART Club and Kalamazoo Amateur Radio Club

Type: ARRL Hamfest

Talk-In: 147.040+ (94.8Hz)

Public Contact: Thomas M Oliver KC8QFF, 2631 Barkwood Lane Kalamazoo, MI
49004-3722

Phone: 269-385-4737 Email: toliver011@att.net