



QRM

The Official Newsletter of GRARA
The Grand Rapids Amateur Radio Association

Fall-October 2022 Volume 4

Packet .070, Repeaters 146.760, 147.260, 444.400

Red Cross Adopt a Highway.

It's that time again. Once each year we gather at the Mobile Gas station on M-57 and Northland dr. to pick up the litter that has accumulated during the seasons. While it's late in posting this event, volunteering to accomplish the goal is important, both for the Red Cross, and the community. We'll meet at 5:30PM at the Mobile Gas Station and after we're done, go get something to eat and drink. For more information, contact our trustee, Tom N8DGD.

Friday Bunch for Lunch is back!

Starting this Friday, September 30th, The Bunch-for-Lunch gang will be meeting at "New Beginnings" restaurant, on Michigan Street. They are moving it indoors what with the weather about to change. Join the gang at 11:30AM this Friday.

Thanks to both Chris KE8LOH and Jim K8RH, we have a lot of photographs of our successful Swap. According to Jack, NY8D, who kept track of the wrist bands people wore, we were attended by 255 people! Good showing.

Greg Stroke N8HR, our club president, wants to remind people we will be holding our October 7th GRARA club meeting at the GVSU's engineering building, on the West side of Grand Rapids. He would like us all to bring projects we are working on or even plan on working on. Kind of a "Show-N-Tell" for hams. We meet at 6:30PM for social gathering, and the business meeting starts at 7:00PM. It may be on ZOOM to.

See you there.

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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

2022 GRARA Officers

President - Greg Stroke N8HR

**Vice-President -Steven Haueisen
KD8MEY**

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Treasurer –David DeVos KF8QL

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KE8RQZ**

Red Cross Liaison – Joe Bell WD8USA

Member at Large –Lisa Brettin W8LSA

**Technical Director - Steve Provost -
AC8QE**

Webmaster – Greg Stroke N8HR

Station Trustee - Tom Hansen N8DGD

Publisher

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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.

***** FIFTH ANNUAL *****
INDEPENDENT REPEATER ASSOCIATION (IRA)
OPEN HOUSE & SITE CLEAN-UP
AT THE 92ND ST HILL SITE
Saturday, October 1, 2022
9AM to 2 or whenever

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

This site hosts many other Amateur Radio groups equipment as well. If you have never set foot on "the hill", or it's been a while, or last week, this is a great time visit and tour. We will be showing off the (not fancy) place as well as doing some tidying up inside and out.

Do not feel any obligation to partake in cleanup. We look forward to your company. Arrive when you can, leave when you have to.

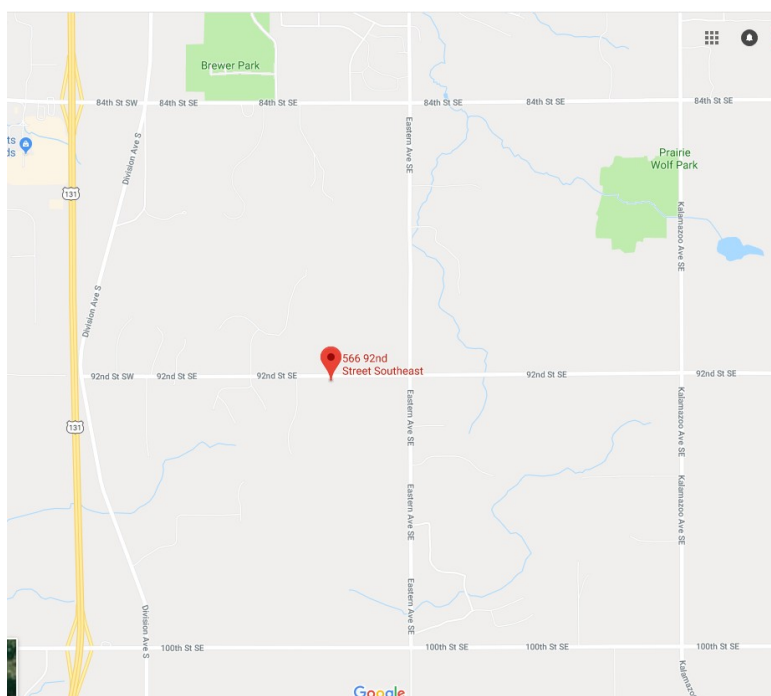
We'll have complementary coffee, donuts, burgers and dogs for lunch.

Talk-in (as you can guess) W8IRA 147.16-(94.8Hz) Echolink W8IRA-R

566 92nd St SE, Byron Center, MI 49315

Lat 42.796779, long -85.650055 Map: <https://goo.gl/maps/Zp7RSg9cQpR2>

<http://w8ira.org/> <https://www.facebook.com/groups/1764710107178775/>
<mailto:info@w8ira.org> 147.16-(94.8Hz)



Grara swap 2022



the photo's from KE8LQH and K8JH

Events for October 2022 for the WM Amateur Radio community.

HOLLAND ARC VHF 2022 CONTEST throughout October.

Visit <https://www.hollandarc.org/?p=7134> for details

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

The West Michigan Technical Group Thursday Night dinner 6pm. Check Facebook page for current location.

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/>

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/2nd-Hand-Ham-Shop-1007064166010266/>

****NOTE**** The 2nd Hand Ham Shop will be closed the following "Holidays"

October 1 - Allegan County ARC mini swap and

October 15 - Muskegon Color Tour Hamfest

kd8deg@centurytel.net (616)292-3335

The following Net chart created by Dave KF8QL, TNX!

Monday

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

6:00PM IRA After Dinner Net 147.16+(94.8Hz)

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

8:30PM WM 6 Meter SSB Net 50.140 USB

Wednesday

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
6:00PM IRA After Dinner Net 147.16+(94.8Hz)
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

3:00AM Insomniac Net 147.16+(94.8Hz)
12:00 IRA MI Noontime Net 147.16+(94.8Hz)
7:00PM TGIF Net Holland ARC 146.06-(94.8Hz)
9:00PM Michigan VHF Traffic Net 147.16+(94.8Hz)

Saturday

8:00AM MARA 6 Meter AM Net 50.400 AM
6:00PM IRA After Dinner Net 147.16+(94.8Hz)

Sunday

8:00AM 6 Meter AM round table net 50.400
8:30PM Sidewinders Around MI Net 144.155USB
4:00PM 10 Meter Ragchew Net 28.870USB
8:00PM WM Classic Six Meter AM Net 50.400AM

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.

List of WEST MICHIGAN HAM NETS

http://w8lrc.org/net_calendar/

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.

Want your NET listed here? Send me the information!

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.

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>

MONTHLY EVENTS

E.A.T. meeting (Education And Training) fourth Tuesday, September 27, 7PM, at the Herrick District Library, 300 S River Ave, Holland.

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 require to have an amateur radio license to attend.

This meeting, LEARN ABOUT RASPBERRY PI! Mmm. Good.

A Raspberry Pi is a credit-card-sized computer people of all ages are using to learn about programming and to create all kinds of computer projects. The Holland Amateur Radio Club and Groundworks will help you explore the Raspberry Pi basics, guide you through setting one up and discuss the variety of things you can do with it. Patrons are asked to bring their own Raspberry Pi, but the Herrick District Library will have a limited number of extras on hand to use.

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

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

Allegan County Amateur Radio Club presents our annual Fall Mini-Swap located at the Salem Township Hall (3003 142nd Ave, Burnips, MI). Weather permitting there will be truck sales available out in the parking lot.

Doors open at 8:00 AM, or 7:30 to allow you to setup your table and going until at least 11 AM, but the room scheduled just 'til Noon.

Entrance Fee is \$5.00 (for indoor or outdoor truck sales) and tables indoors are \$5.00 each (first come first serve).

Coffee and concessions will be available.

<https://www.facebook.com/events/1013456259546082/?ref=newsfeed>

MAP: <https://goo.gl/maps/8Q8W7jziBdsz6wnH9>

Annual SET Exercise to Test Skills and Emergency Preparedness

The ARRL Simulated Emergency Test (SET) is scheduled for October 1 - 2, 2022. The SET is ARRL's annual national emergency exercise and is designed to assess the skills and preparedness of Amateur Radio Emergency Service® (ARES®) volunteers, as well as those affiliated with other organizations involved in emergency and disaster responses.

SET guidelines and access to the forms can be found at www.arrl.org/public-service-field-services-forms

Muskegon Area Amateur Radio Council meeting, first Thursday, October 6, at the MAARC Clubhouse, 2888 N Scenic Drive, Muskegon, MI TI: W8ZHO 146.94-(94.8Hz)

http://www.w8zho.com/main/page_home.html <https://www.facebook.com/w8zho>

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

KENT COUNTY MONTHLY SIREN TEST first Friday (October 7), Spring to Fall, 12:NOON.

Report what you hear to 145.27- (94.8Hz) W8LRC or 442.175+ (103.5Hz) K8SN or Smartphone

<https://t.ly/E0Ie>

BARA Breakfast, Second Saturday of each month, October 8, 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.

Currently, 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/> 442.725+(94.8Hz)

HIAD (Ham in a Day) class, Lowell, Saturday, October 8.

This is an opportunity for anyone wishing to get their amateur radio technician license to study and take the exam all in one afternoon. Directed study starts at 1:00 and continues till 6:00, when the test will be given. For registration and more information <http://w8lrc.org/hiad-registration/> Cost for the Ham in a Day study session is \$25. Also, anyone wanting to take an exam (technician or upgrade) without the class may arrive at 6:00. There is no cost for the exams. Anyone whose license is within 90 days of expiring can also renew their license between 6:00 and the end of testing at no charge.

Allegan County Amateur Radio Club (ACARC-AC8RC) monthly meeting second Tuesday, October 11, 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/> 147.24+(94.8Hz)

Michigan Amateur Radio Alliance (MARA-W8USA) meeting second Wednesday, October 12, 7:30 PM, 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, October 14, 6PM registration, 6:30 exam.

We anticipate returning to the renovated LIFE-EMS (former Red Cross) Building at 1050 Fuller Ave NE, GR, between the I-196 Ford Fwy and Leonard St, for our October exams. CHECK WITH THE WEBSITE <https://w8dc.org/meetings/> AND FACEBOOK <https://www.facebook.com/groups/GRARA.W8DC/> for updates.

Before coming to the testing session we need you to complete two items, Obtaining an FRN and Filling out a Form. Details and registration at <https://w8dc.org/license-testing/>

Map: <https://goo.gl/maps/ngDeB3DRfxAYoHPx7>

No exam fee, Laurel VEC. Email questions to stprovost@provtechs.com

Muskegon Color Tour Hamfest, Saturday, October 15

Location: Fellowship Reformed Church, 4200 E. Apple Ave. (M-46), Muskegon, MI 49440

Website: <http://mcecs.net/Hamfest.htm>

Flier: <http://mcecs.net/Download/Hamfest2022.pdf>

Sponsor: Muskegon County Emergency Communication Services, Inc.

Type: ARRL Hamfest

Talk-In: 146.820-(94.8Hz)

Public Contact: James Duram K8COP, 2010 West Lake Rd., Twin Lake, MI 49457

Phone: (231) 638-7010 Email: k8cop@arrl.net

VE EXAM - MUSKEGON, NO EXAM FOR OCTOBER being the same day as the Muskegon Color Tour Hamfest

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

VE Testing, Ionia County RACES, 3rd Saturday (except April and December) 4PM, October 15, Ionia County Central Dispatch, 545 Appletree Dr, Ionia http://wa8rra.org/?page_id=452 n8mrc@yahoo.com

KALAMAZOO HAMFEST and VINTAGE ELECTRONICS EXPO, Sunday, Oct 16

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

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

Website: <https://www.thevee.org/>

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

Sponsor: Kalamazoo Amateur Radio Club, Southwest Michigan Amateur Radio Team, and Michigan Vintage Electronic Club

Type: ARRL Hamfest

Talk-In: 147.040+ (94.8Hz)

Public Contact: Alex Stuart KE8ICM, PO Box 773 Portage, MI 49081-0773

Phone: 269-806-9512 Email: info@KalamazooHamfest.com

Lowell Amateur Radio Club monthly meeting, third Thursday, October 20, 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.

Holland HAM IS FOR BREAKFAST!

Last Saturday of the month, October 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/> K8DAA

<https://www.facebook.com/HollandAmateurRadioClubK8DAA> K8DAA 147.06+(94.8Hz)

GENERAL IN A DAY, KINDA - Saturday, November 12

The Holland Amateur Radio Club will hold a "General Class in a Day, Kinda" class at the Chick-Owa Sportsman's Club, 9279 E. Ottogan Street, Holland, Michigan. It will follow the technician class process in that on that Saturday there will be a 5 hour memory retention study hall. Please understand that no theory will be taught. These 5 hours will be you reviewing the approximately 440 questions used in the general class pool.

Registration is required and closes October 22. This class is limited to the first sixteen people, and the cost is \$15.00. Once you register, you will get an email every week reinforcing what you should be studying.

That word "kinda" in the title? That is your part of the deal, promising yourself to spend about 30 minutes a day for 21 days, starting October 22, if not sooner, and studying the materials we recommend - that's the "kinda". You will then have the 5 hour study hall to finish your studying and review. The "General in a Day, Kinda" study session will begin at 1:00 on November 12, and at 6:00 we will start the exam session.

For more information or to register, please go to <https://tinyurl.com/harcgiad>.

There is a \$ 15.00 fee for this class, no fee for the VE test session. walk-ins for any class license are accepted at 6:00 PM, November 12. No FCC fee for a license upgrade.

SATERN (Salvation Army Team Emergency Radio Network-W8SAT)

Contact Bob WX8BOB sa.satern20@gmail.com

<http://eds-satern.sawmni.org/>

Public Contact: Russ Price N8HAR, 40565 Shakespeare Dr, Sterling Heights, MI 48313

Phone: 586-246-0161 Email: n8har1977@gmail.com

73 Jack NY8D

Groups.io Links: You receive all messages sent to this group.

View/Reply Online (#663): <https://grara.groups.io/g/grara/message/663>

Mute This Topic: <https://groups.io/mt/93940428/2599421>

Group Owner: grara+owner@grara.groups.io

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<https://grara.groups.io/g/grara/leave/5173005/2599421/1050121191/xyzyz> [scooter1cat@comcast.net]