



QRM

The Official Newsletter of GRARA
The Grand Rapids Amateur Radio Association

Fall 2023

Volume 4

Packet .070, Repeaters 146.760, 147.260, 444.400

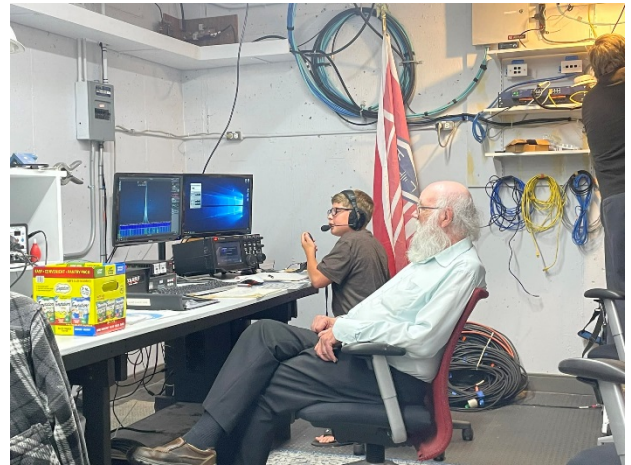
How we spent our Summer.



Here our tower crew is working on the antennas.



This is what our GRARA swap looked like, inside.



Above, Ian Aikema works on the Flex rig, while Chris Longcore looks on.



Greg N8HR and Tom N8DGD check out the swap table.

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

2024 GRARA Officers

President Steven Haueisen KD8MEY

Vice-President Lisa Britten W8LSA

Secretary –Mike McDonald AA8MG

Treasurer –David DeVos KF8QL

On Air Director – Chris Longcore, KE8LQH

Off Air Director-Jeff Janke KT8G

Liaison and PIO: Jim Hessler, K8JH

Director at Large –Greg Stoike N8HR

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.

Elections.

This past Friday, Grara member's elected new officers for 2024. While we wish all success for these new officers, let's not forget and thank all those who held office this past year. For 2023:

President: Greg Stoike (N8HR)

Vice President: Steven Haueisen (KD8MEY)

Secretary: David Britten (KD8DB)

Treasurer: Dave De Vos (KF8QL)

Liaison Director: Jim Hessler (K8JH)

Technical Director: Stephen Provost (AC8QE)

On Air Director: Chris Longcore (KE8LQH)

Off Air Director Rich Ranta K8JX

Director at Large: Lisa Britten (W8LSA)

Trustee: Tom Hansen (N8DGD).
These are the member's who ran our club through the difficult times we've had.

"THANK YOU FOR ALL WORK!"

Some of these folks are still with us for the coming year. Let's help them all out.

And for 2024

Let's welcome our new board officers:

Steven Haueisen KD8MEY

Vice President:

Lisa Britten W8LSA

Secretary:

Mike McDonald AA8MG

Treasurer: Dave DeVos KF8QL

Liaison and PIO:

Jim Hessler K8JH

Technical Director:

Stephen Provost AC8QE

On-Air Director:

Chris Longcore KE8LQH

Off-Air Director: Jeff Janke KT8G

Director at Large: Greg Stoike N8HR

Trustee: Tom Hansen N8DGD

We have a new meeting building, and it is staffed by new GRARA board officers. Let's help make 2024 a lot better than 2023 was.

Events for November 2023 for the WM Amateur Radio community.

This information is disseminated with a STANDARD DISCLAIMER.

Permission is granted to re-distribute the contents of this email in whole or part.

I CANNOT PROMOTE EVENTS I DON'T KNOW ABOUT!

Email information to ny8d@arrl.net by the 25th of the month

Transistor AM and/or FM radios wanted, working or not. 60s - 90s radios built with discreet components (no tubes or ICs) wanted for educational use in area schools. Got such radio(s) no longer using and don't mind letting go of? Contact Mike Smith KC8WJA mike@kc8wja.org

RADIO VOLUNTEERS NEEDED:

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

Grand Haven Turkey Trot 5k Race – Thanksgiving Day (November 23). Meet at GHPS at 7:30am

Jingle Bell Parade Saturday, December 2nd. Parade starts at 6pm, meet at GHPS at 5pm, dress for the weather!

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

****NEW 220 REPEATER** KD8MEY** repeater 224.920-(94.8 Hz). The 1st and 3rd Saturday of the month (Oct 7 & 21) 6pm NET on the Moline N8JPR repeater 223.92-(94.8Hz) will now be on the KD8MEY repeater, but linked into N8JPR via Allstar so the net will also be there as well.

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 with lots of consignment, 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

*Anticipate a later start on last Saturdays for the Holland HAM IS FOR BREAKFAST.

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://tasyll.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.

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

Thursday

9:00AM Auto State YLs TASLYs Net 3940KHz/LSB
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/AM

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
6:00PM (1st & 3rd) 220 net 224.92+(94.8Hz) KD8MEY/R linked via Allstar to
223.92+(94.8Hz) N8JPR/R Moline,

Sunday

8:00AM 6 Meter AM round table net 50.400/AM
4:00PM 10 Meter Ragchew Net 28.870/USB
7:00PM Auxcom 147.24+(94.8Hz)
8:00PM WM Classic Six Meter AM Net 50.400/AM
8:00PM ACARC Informal Net 147.24+(94.8Hz)
8:30PM Sidewinders Around MI Net 144.155/USB

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

YouTube channel, "Ham Radio Perspectives," which addresses amateur radio culture and history as well as technology.

<https://www.youtube.com/channel/UC3MJT8o8-XMxF8XROf7Q5GA/videos>

Reviews have been very positive. Please take a look at some of the videos and post your comments on YouTube or send me a note directly.

73, Quin K8QS

**Quin has an extensive interview about communicating in episode #434 QSO Today.

<https://www.qsotoday.com/podcasts/K8QS>

****MONTHLY EVENTS****

VE Testing - Lowell. Thursday, November 2, 7PM

<https://w8lrc.org/exam-dates/>

Registration: <https://w8lrc.org/exam-registration/>

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

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

Muskegon Area Amateur Radio Council meeting, first Thursday, November 2, 7PM, at the MAARC Clubhouse, 2888 N Scenic Drive, Muskegon, MI

Nominations for the December Elections

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>

Grand Rapids Amateur Radio Association (GRARA-W8DC) monthly meeting, first Friday, November 3. 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)

Michigan Amateur Radio Alliance (MARA-W8USA) meeting second Wednesday, November 8, 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, November 10. 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.arri.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, November 11, 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, November 11, 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 W8ZHO 146.94-(94.8Hz)

Contact: ve@w8zho.com

VE Testing, Ionia County RACES, second Saturday (except April and December) November 11, Ionia County Central Dispatch, 545 Appletree Dr,

Ionia http://wa8rra.org/?page_id=452 n8mrc@yahoo.com

<http://wa8rra.org/> <https://www.facebook.com/Riverside.Radio.Amateurs>

VE Testing, Holland Amateur Radio Club, Saturday, November 11, 6PM

the Holland Amateur Radio Club will be holding licensing exams for anyone wishing to obtain or upgrade their amateur radio license. The testing session will begin at 6:00 p.m. The Holland ARC has no charge for any testing; however, the FCC does charge a \$35 application fee for new licenses. Upon passing your Technician exam, the FCC will email you instructions for payment. (This \$35 fee also applies to license renewals and vanity call requests, but not upgrades.) No Morse code is required for any grade license.

The testing location is the Chick-Owa Sportman's Club, located at 9279 E. Ottogan St., Holland, MI 49423. Again, the test session begins at 6:00 p.m.

What to bring with you: If available, bring a legal photo ID such as a driver's license or passport. If no legal photo ID is available, bring 2 pieces of legal ID. Anyone 16 years old or younger must have a parent or legal guardian present for the entire testing session. IMPORTANT... If you currently hold a ham radio license, bring the license and a copy of the license to the test session. (Copy will be sent in with the testing results.)

Note: This is a federal exam and the FCC requires you to have a Federal Registration Number (FRN.) You can obtain your FRN before the test by going to this website: <https://apps.fcc.gov/cores/userLogin.do> . The FCC FRN process is simple and quite fast.

For further information on license testing, please email Bob Broene, K8RJB, at [k8rjb\[dot\]ham\[at\]gmail.com](mailto:k8rjb[dot]ham[at]gmail.com).

Map: <https://maps.app.goo.gl/wD95RNKODEYNgP7L9>

Muskegon County Emergency Communication Services, Inc. M.C.E.C.S., Second Monday, November 13, 7PM, @ Muskegon County Emergency Management Training Room, 1903 Marquette Avenue, Muskegon 49442. (SW corner of the complex)

The training room entrance door is number 37. Monitoring 147.435 MHz for directions.

Map: https://maps.app.goo.gl/XBUkEFpgNrTvpJuRA?g_st=i

k8wnj@arrl.net <http://mcecs.net/> <https://www.facebook.com/MCECS>

Holland Amateur Radio Club K8DAA Meeting second Tuesday, November 14, 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, November 14, 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)

Lowell Amateur Radio Club monthly gathering, third Thursday, November 16, 6:30 PM. Join us in the radio room for pizza. All are welcome.
Business meetings will be quarterly.
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)
Weekly Thursdays Open Radio Room, same as meeting time, all welcome.

North Ottawa ARC NOARC-W8CSO monthly meeting Thursday, November 16, 6:00 PM, at Grand Haven Department of Public Safety conference room off lobby. 525 Washington Ave, Grand Haven.
Map: <https://maps.app.goo.gl/8XNK9LVqq48mFaHn9>
<http://www.w8cso.org/>
<https://www.facebook.com/groups/401316979888404/> W8CSO 145.49-(94.8Hz)

Barry County ARA (BARA-K8BMI) meetings, third Tuesday, November 21, 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)

Holland HAM IS FOR BREAKFAST!

Last Saturday of the month, November 23, 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)

VE Testing, Allegan County ARC, 4th Saturday odd months, November 25, 9AM, Martin Township Community Building, 998 Templeton St, Martin, MI 49070.

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

Turkey day special 10.00 test fee. Save 5.00

Pre register prefer <https://hamstudy.org/sessions/49010/inperson> - but walk-ins accepted.

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

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

Holland ARC E.A.T. meeting (Education And Training) fourth Tuesday, November 28, 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 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)

HIAD “Ham in a Day” - Ham License in a Day ~ Saturday, December 9, 2023

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 begins at 1:00PM and continues till 6:00PM, when the test will be given.

The testing location is the Chick-Owa Sportsman's Club located at 9279 E. Ottogan St., Holland, MI 49423. Again, the “Ham in a Day” study hall begins at 1:00 PM, and the test session begins at 6:00 PM.

For registration and more information, go to: <http://tinyurl.com/holo-hiad-ve>

Cost for the Ham in a Day study session is \$15 . After you pass your Technician exam, the results will be sent to the FCC, who will in turn send you an email with instructions on how to pay their \$35 application fee to receive your license. (The FCC charges \$35 only for new licenses, renewals, and vanity call requests – not upgrades. The Holland Amateur Radio Club does not charge for any paperwork whatsoever.)

In addition to the Ham in a Day students, anyone can arrive at 6:00 and take the technician, general, or extra class exam. [k8rjb\[dot\]ham\[at\]gmail.com](mailto:k8rjb[dot]ham[at]gmail.com)

Map: <https://maps.app.goo.gl/wD95RNKODEYNqP7L9>

ANNUAL MINI-SWAP and POTLUCK LIFE-EMS Education Center (Former Red Cross), 1050 Fuller Ave NE, Grand Rapids, MI, 49503.

Friday, January 5, 2024, starting 6:30 PM. ALL are welcome.

A Mini-Swap is a Hamfest on a smaller scale.

Sponsored by the Grand Rapids Amateur Radio Association (GRARA - W8DC) GRARA will be providing meat (ham, of course!), beverages, place settings. Please bring a dish to pass if you are able, there is ALWAYS plenty, so just show up regardless. After a (short) club meeting, check out the new radio room and enjoy the Mini-Swap. Bring any items you have to swap or sell. It's a freebie, there is no admission or table charge. All invited to join us, and yes, that means you + family, friends, whoever you bring along.

This event is accessible by elevator for those who prefer not to use the stairs.

MAP: <https://goo.gl/maps/8W5xsl5txFKREDR8>

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

Join us for the first GRARA club meeting and social of 2024.

Independent Repeater Association

W8IRA <http://w8ira.org/> <https://www.facebook.com/groups/1764710107178775> in fo@w8ira.org w8ira@w8ira.groups.io W8IRA 147.16-(94.8Hz) main site.

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.satern20@gmail.com

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

Dick Seeley N8NIF rks1257@comcast.net David W Johnson

KC8DJ Jonsson1936@gmail.com

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

Fort Wayne Hamfest & Computer Expo, ARRL Central Division Convention

Saturday & Sunday, November 18 & 19

Location: Allen County War Memorial Coliseum, 4000 Parnell Ave, Fort Wayne, IN 46801

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

Sponsor: Allen County Amateur Radio Technical Society

Type: ARRL Convention

Talk-In: 146.880-

Public Contact: ACARTS Fort W9IWX, PO Box 10342, Fort Wayne, IN 46851

Phone: 260-579-2196 Email: chairman@fortwaynehamfest.com

L'ANSE CREUSE ARC Swap/Hamfest, Sunday, December 3

Location: Balkan American Community Center, 1451 E. Big Beaver Road, Troy, MI 48007

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

Flier: https://www.qsl.net/n8lc/swap_flyer_2023.pdf

Sponsor: L'Anse Creuse Amateur Radio Club

Type: ARRL Hamfest

Talk-In: 147.08+(100Hz)

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

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

LIVONIA AMATEUR RADIO CLUB ANNUAL SWAP & SHOP, Saturday, February 17, 2024

Location: Monaghan Banquet Center, 19801 Farmington Road, Livonia MI 48150

Website: <http://livoniaarc.com/larc-annual-swap-and-shop>

Flier: <https://livoniaarc.com/wp-content/uploads/LARC-SWAP-2023-REV2-FLYER.pdf>

Sponsor: Livonia Amateur Radio Club

Type: ARRL Hamfest

Talk-In: 145.35(100Hz)

Public Contact: Michael Rudzki N8MR, PO Box 51532 Livonia MI 48151

Phone: 734-648-6453 Email: k8uns@arrl.net swap@livoniaarc.com

TOLEDO MOBILE RADIO ASSOCIATION HAMFEST AND COMPUTER FAIR, Sunday, March 17, 2024

Location: Owens Community College, 30335 Oregon Road, Perrysburg, OH 43551

Website: <https://w8hhf.org/2023/03/30/2024-hamfest/>

Sponsor: Toledo Mobile Radio Association

Type: ARRL Hamfest

Talk-In: 147.27/87 103.5

Public Contact: Brian Harrington , WD8MXR

4463 Holly Hill Drive Toledo, OH 43614

Phone: 419-385-5624

Email: wd8mxr@gmail.com

For entering your event or club, or just thank Jack for his

Tireless effort, email: ny8d@arrl.net

73 Jack NY8D