

The Hertzian Herald



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D Fritz Bitz:

I normally use this forum to try to both inform and entertain. This month will be a little different. There will be a little informing and much begging. As you know, the Monroe hamfest is June 20th and it is coming up fast. Under normal conditions, the hamfest is a lot of work for a relatively small number of members. We volunteer for this and I personally enjoy getting involved and seeing the end results of a successful event. This year is going to be a little different because of Covid restrictions. Although the state has relaxed some of the restrictions, there are still a few obstacles we will need to overcome.



We had a board meeting Saturday to determine if we were even going to try to have it and because of the relaxation by the state on Friday we feel very comfortable with continuing. So, now comes the begging part. We still have some small hurdles to clear that will require more people than normal. Over the next few days and weeks I will be contacting people to see if we can get a few more volunteers to help make it a successful event.

We won't be asking most people to work the entire day. I am hoping we can get enough people to work everyone for 2 or 3 hour shifts so they still have time to enjoy the swap meet. I am putting together a schedule of things that need to be done so I can start filling in spots. If you can help out, please email me with your phone number so I can call you to talk about putting you on the schedule. I promise you that most jobs will require you to bring a chair and won't be real hard work.

Since ours will be one of the first in the area in over a year, we expect it to be VERY well attended. I know that a LOT of people from northwest Ohio are planning on coming because Toledo didn't have one and we will need a LOT of club participation to make this come off. PLEASE try to make time to help us out. The last thing we want is to fall down on this. Let's show these T-town guys how it's done!

So, until next month, 73.

Don Fritz
N8BZN

<http://mcrca.org/>

[www.facebook.com/
groups/
1643856795878368/](http://www.facebook.com/groups/1643856795878368/)

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MCRCA Meeting Minutes for April 15, 2021

Meeting called to order at 7:30 pm, by Don N8BZN.

Pledge of Allegiance

Introductions: No new members, upgrades or guests.

MINUTES: Motion by Mike N8KUF, supported by Larry KE8HCD, to approve as written in the Herald. Approved.

TREASURER REPORT: Motion by Paul W8PI, supported by Wes KC8SKP, to approve the treasurer's report as passed out to the membership. Approved.

DX REPORT: Tom KG8P, not much going on as far as DX. One short op in Somali T5 till April 18th. No groups out there, Sable Isl. Canceled, Wake Isl. April 20-29 limited to 20m and 17m.

CONTESTS: Paul W8PI, did a clean sweep of the "Last Man Standing" contest. This Saturday 17th will be the MI QSO Party Noon to Midnight; The Red Cross will be open for a few hours if anyone wants to operate there. Also there is the Ontario QSO Party this weekend. Upcoming QSO Party: Florida April 24-25th.

TESTING: Next session - Sat. April 17, 2021. **3 examinees only, Masks required.**

HAMFEST: Fred K8EBI - I currently have 58 tables, 54 tickets, and 16 Trunk spaces spoken for. We need to confirm Hamfest before going any further. Hopefully by early May. If we go ahead, we will need a new food vendor.

ARPSC: Mike N8KUF, April 13th 7-8:30 pm a Skywarn training net was held in conjunction with Washtenaw and Wayne Counties and went well. Saturday May 8th will be a hands on training session where everyone can set up and demo their portable stations. More information is available on the ARPSC website:

<https://monroearpsc.wordpress.com/>

ARRL: Dale WA8EFK, The FCC is changing the exposure rules for RF and have removed the exemption for Amateur Stations effective May 3rd. If you don't change anything on your station you are all set. If you change anything after May 3rd then you must recertify your station. They are trying to develop a website where you enter your information and find out if you will certify. More info here:

<http://www.arrrl.org/fcc-rf-exposure-regulations-the-station-evaluation>

RRRA: Mike N8KUF, most equipment is working fine except half the link between the 72 and Ida 440 has failed. If you are a member of the RRRA then you should have received an email with a link for the Annual RRRA meeting being held via Zoom the first Saturday of May 1 at 10 am. If you are not a member you can go to the club website and fill out the form under RRRA and mail your dues to Mike and he will send you a link, <http://mcrca.org/RRRA/Index> or you could just email Mike and get the link.

OLD BUSINESS: MI QSO Party April 17, Hamfest, Field Day, 80th Anniv/Christmas Party. 50th anniv. RRRA

NEW BUSINESS: Need to fill - Program Chairman, DX Net manager, and Classes Manager.

ANNOUNCEMENTS: Doug K8OF, says Jerry from Jerry's CB has passed away. Past hamfest vendor.

PROGRAM: Video on setting up a MESH Network.

ADJOURNED: 8:36 pm

ATTENDANCE: 20

WA8EFK Dale	W8IIE Dave	N8BZN Don	K8OF Doug
K8EBI Fred	KB8OSU George	K8UMF John	WA8YZB John
KJ8H Keith	KE8OTG Larry	KE8HCD Larry	W8MCW Mark
N8KUF Mike	KA8PQH Neil	W8PI Paul	KE8OSX Ron
N8NYP Terry	KE8KNZ Tom	KG8P Tom	KC8SKP Wes

Committees**Club Station**

Wes Busdiecker KC8SKP

DX Net

Soon

Field Day

Jeff Breitner KA8NCR

Finance

Paul Trouten W8PI (chair)

Fred VanDaele KA8EBI

Dale Williams WA8EFK

HamFest

Fred VanDaele KA8EBI

Hertzian Herald

Fred VanDaele KA8EBI

Historian

Paul Trouten W8PI

Public Relations

Terry Kolton N8NYP

Tom Imlach KE8KNZ

Scholarship

Fred VanDaele KA8EBI

Program Chairman

soon

Membership

Terry Kolton N8NYP

n8nyp@arrrl.net

Property Custodian

Paul Trouten W8PI

ARPSC May Report

Welcome to May and warmer weather,

Thursday evening May 6th, Monroe County ARPSC held its first in person meeting at the EMD training room in almost a year. Steve Szafarek AC8YA the hospital communications AEC from Washtenaw county brought one of the spare Region 2 South hospital radio jump kits for members to look at and become familiar with. Monroe, Wayne and Washtenaw counties are working to get the R2S radio program updated and back online to provide communications between hospitals during a time of need.

Then on Saturday the 8th, several members gathered at the EMD parking lot to set up their portable stations, visit each other's stations to pick up ideas and participate in the national ARES/Red Cross WinLink drill. Thanks to Dale WA8EFK, Mike N8KUF, Larry KE8HCD, Tom KE8KNZ and George KB8OSU for taking time out of their Saturday to attend. Several operators from Washtenaw participated from their homes allowing repeater tests, and Packet/WinLink tests via the Hamgates. Thanks to Steve W8AYN, Jim K8JBD and Jay WB8TKL. Everyone enjoyed the exercise and the chance to get together, it also allowed everyone a chance to practice setting up their stations in an unfamiliar setting and to see what items need to be added or updated in their kits. We will repeat this again, if not this summer before the S.E.T in October, we will next spring.



With things headed back to "normal" and mandates being lifted, there looks to be a good possibility of Dundee having the Independence Day Parade and if so we will be looking for a lot of assistance. Watch for information on FB, emails and calls for assistance on the Monday night nets.

If you are one of those folks that have recently received their license, Welcome to the hobby and if you are interested in the Public Service aspect, please contact me on email for more information on ARPSC.

As always, you can keep track of us via the ARPSC webpage which is linked though the MCRCA Website and the Facebook page, which is also linked via the club webpage. We thank the group and the club webmaster for doing this for us!

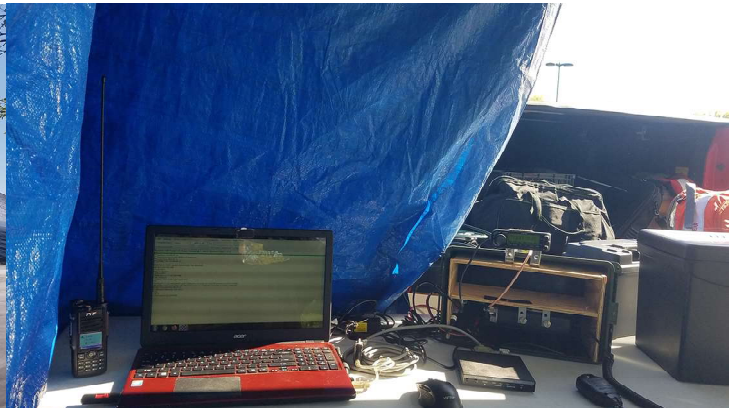
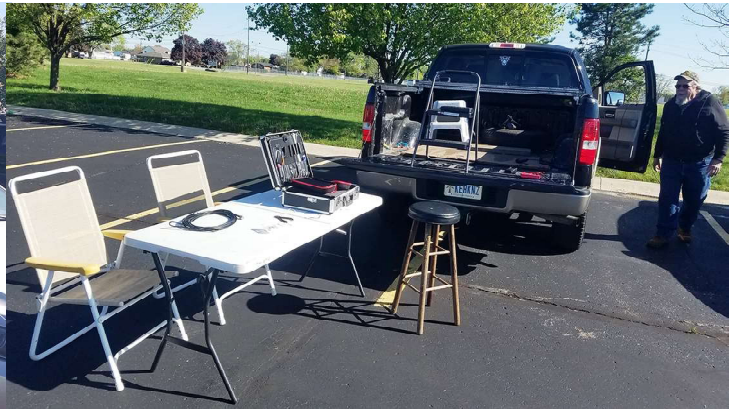
73 until next month

Lance Charter KE8BYC

Emergency Coordinator

Monroe County Amateur Radio Public Service Corp Ke8byc -at- yahoo.com

Monroe County ARPSC radio jump kit demo



MCRCA Foxhunt #1 May 15, 2021

Fox Team

Debbie KE8RXC and Larry KE8HCD

Fox was located at Bedrock Quarry Bar and Grille (auxiliary parking area)

Shortest possible route per Google Maps = 5.6 Miles

Hunters

Team 1 – First Place

Mike N8KUF and Dale WA8EFK

Fox Found at 10:11

Miles = 6.3

Team 3 – Second Place

Paul W8PI and Vickie

Fox found at 10:07

Miles = 6.5

Team 2 – Did Not Find

Fred K8EBI and Brenda KB8KQC

Fox not Found

Miles = n/a



Thanks to all who were able to participate. Debbie and Larry did an excellent job locating and setting up the FOX in a manner that was challenging while presenting a solid target signal to make the hunt challenging yet quite enjoyable. The gorgeous weather, mostly sunny morning in low 60's at hunt time, (along with the pastries / donuts / juice supplied by the FOX at the den), really helped to elevate the mood making this hunt one of the most enjoyable in recent memory. We will look forward to seeing lots more hunters at Hunt #2 to be held on the second Saturday in July (7/10).

Respectfully submitted – Mike N8KUF Foxhunt Chair

The Daily Antenna

6 & 10 meter portable telescopic dipole antenna

Posted: 17 Dec 2019 12:00 AM PST

Here's another portable antenna to try. It uses a pair of TV rabbits ears. Because what I had didn't spread out to a very wide angle, I removed them from their holders and attached them to a piece of plastic chopping board. And because they were only 1m each long I added some loading to allow operation on 50 MHz (which needs about 1.35 to 1.4 m length each).

Then more turns were added to give 28 MHz operation. This makes sense because 28 MHz is normally open when 50 MHz is and overall there's more activity on 28 MHz. So if you move the coil tap you get a portable dual band antenna.

The video describes it a bit more and demonstrates a 1000km plus SSB contact on 28 MHz. You could likely get more bands by adding more turns but efficiency will gradually fall. This design is a good option for 27 MHz CBers looking for something they can take portable but which folds up to a small space.

Thanks to Jeff K9JP for the article



River Raisin Repeater Association, Inc.

May 17, 2021

The RRRRA thanks all members very much for your participation in the River Raisin Repeater Association.

We need and appreciate your continued support!!!

2021 brings the 50th anniversary of an association of ham operators that gathered in 1971 and formed an association for the expressed purpose of promoting FM and repeater operation, offering a technical base on the subject, providing a useful communications facility for emergencies, and to develop friendships through a common goal.

At the 5/1/21 Annual Meeting RRRRA officers were established as follows: Rodney Haddix KD8ZNN (Pres), Don Fritz Jr N8BZN (VP), Mike Karmol N8KUF (Sec/Treas), Paul Trouten W8PI (Director), Dale Williams WA8EFK (Director/ Trustee). Summary of Association business was reported, and updates were given regarding efforts completed as well as development projects currently underway.

During this past year, efforts were focused on resolving a few technical issues and implementation of some performance upgrades. Unfortunately, due largely to covid restrictions, a few major improvement projects had to be set on the back burner. The site SCADA system performed well in reporting building temperature excursion allowing HVAC repairs to be accomplished prior to any repeater equipment issues. A remote reboot feature was implemented to allow the controllers for the 146.72 and 442.650 repeater to be restarted remotely, eliminating urgent travel to the repeater site for reboots. The rebuild of the 444.55 repeater hardware was completed and is now installed at temporary location in Bedford. The Echo/IRLP operation was evaluated and made more reliable. The 144.93 MHz packet system R-Pi TNC failed and has been refurbished.

Thanks for your continuing support and encouragement. Additional information can be found on <http://www.mcrca.org/RRRA/Index>

Mike Karmol - N8KUF
RRRA Secretary / Treasurer
email: n8kuf@arrl.net

Paul's updated RF Exposure Calculator

by Thomas Witherspoon

Many thanks to Paul Evans (VP9KF), who writes: Yes, after a couple of years of regulators trying to bring their new rules into effect, the new RF Exposure Calculator is available at: http://hintlink.com/power_density.htm v2.0 denotes that the new rules to be introduced on 2021-05-03 are included. There are a number of follow-on documents yet to [...]

Read more of this post

Thomas Witherspoon | April 26, 2021 at 5:44 pm | Tags: Paul Evans, RF Exposure Calculator | Categories: Antennas | URL: <https://qrper.com/2021/04/pauls-updated-rf-exposure-calculator/>

Here is a really neat and useful site..... station noise plagues us all and here is a group to assist us in finding/removing it.

<https://qrm.guru/>

Thanks to Jeff K9JP for these 2 articles



The American Radio Relay League's round-up of the forthcoming week's DX activity on the amateur radio bands

This week's bulletin was made possible with information provided by LU4AAO, The Daily DX, the OPDX Bulletin, 425 DX News, DXNL, Contest Corral from QST and the ARRL Contest Calendar and WA7BNM web sites. Thanks to all.

MOROCCO, CN. Special event station CN65FAR is QRV until May 16 to celebrate the 65th anniversary of the creation of the Royal Moroccan Armed Forces. QSL via RW6HS.

NORTHERN IRELAND, GI. Members of the North West Group ARC are QRV with special event call sign GB0AEL until May 15 to commemorate Amelia Earhart's 1932 solo flight across the Atlantic. Activity is on the HF bands using CW and SSB. QSL via operators' instructions.

ARGENTINA, LU. Members of the Radio Club QRM Belgrano will be QRV as LU4AAO, LU4AAO/A and LU4AAO/D from May 18 to 25 to commemorate the anniversary related to the independence of Argentina. Activity will be on the HF and V/UHF bands using CW, SSB, SSTV and FT8. QSL direct to LU4AAO.

AUSTRIA, OE. Special event station OE60VHSC is QRV until June 7 to commemorate the 60th anniversary of the Very High Speed Club. QSL via operators' instructions.

DENMARK, OZ. Special event station OZ60VHSC is QRV until June 7 to commemorate the 60th anniversary of the Very High Speed Club. QSL via OZ1JHM.

NETHERLANDS, PA. Special call sign PD21EUROSONG is QRV until May 22 to celebrate the 65th edition of the Eurovision Song Contest being held in Rotterdam. QSL via bureau. In addition, special event stations PA60VHSC and PH60VHSC are QRV until June 7 to commemorate the 60th anniversary of the Very High Speed Club. QSL via PA5V and PA0INA, respectively.

CRETE, SV9. Station DD1GG will be QRV as SV9/DD1GG from May 15 to 24. Activity will be holiday style on 40 to 10 meters using SSB and FT8. QSL to home call.

TURKEY, TA. Special event station TC568FA is QRV until June 28 to commemorate the anniversary of the Fall of Constantinople on May 29, 1453. Activity is on all bands and modes. QSL via bureau.

BENIN, TY. Ian, ZS6JSI is QRV as TY5AB. Activity has been on 20 meters using FT8. QSL to home call.

AUSTRALIA, VK. Special event station VI50SG is QRV until December 31 to commemorate the 50 years of the St. George Amateur Radio Society. QSL via bureau.

VENEZUELA, YV. Special event station YW200BC is QRV during 2021 to commemorate the Battle of Carabobo 200 years ago, which paved the way for Venezuela's independence. Activity is on 80 to 10 meters using CW, SSB and various digital modes. QSL via YV4KW.

MACEDONIA, Z3. Special event station Z360VHSC is QRV until June 7 to commemorate the 60th anniversary of the Very High Speed Club. QSL via operators' instructions.

THIS WEEKEND ON THE RADIO

The Kazakhstan DX Contest, NZART Sangster Shield Contest, His Majesty King of Spain CW Contest, NCCC

RTTY Sprint, NCCC CW Sprint, K1USN Slow Speed CW Test, Feld Hell Sprint, FISTS Sunday Sprint and Run for the Bacon QRP CW Contest are all on tap for this upcoming weekend.

The K1USN Slow Speed CW Test and OK1WC Memorial are scheduled for May 17.

The RTTYOPS Weeksprint and Worldwide Sideband Activity Contest are scheduled for May 18.

The RSGB 80-Meter Club Data Championship, Phone Fray and CWops Mini-CWT Test are scheduled for May 19.

Please see May QST, page 71, and the [ARRL Contest Calendar](#) and [WA7BNM](#) contest web sites for details



Amateur Radio Examinations Monroe, MI

Monroe County Radio Communications Association Amateur Radio examinations are held the 3rd Saturday of every even numbered month at:

American Red Cross Chapter Bldg.
1645 North Dixie Highway
Monroe, MI 48161

Testing by appointment only.
Call for information.
Masks or better to open.

2021 Schedule:
February 20 April 17
June 19 August 21
October 16 December 18

TESTING BEGINS PROMPTLY AT 9:00 AM

Applicants are expected to have all forms filled out and be ready to take tests at that time. Coffee and doughnuts are available at 8:30 AM. For more information or to make reservations, call Paul Trouten - W8PI at 734-854-2224

Join us at the next meeting

May 20th at 7:30 pm

Meeting via Zoom

Local Net

ARPSC Net - Every Monday evening on '72-Monroe (146.72 Mhz) starting at 8:00pm.

ARPSC Meeting first Thursday of every month at the EMD office on Raisinville Rd.. 7:00 PM

