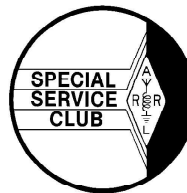


# The Hertzian Herald



September 2023 • Volume 47, Issue 9 • Monroe, Michigan, U.S.A.

Hello everyone!

Now that the cooler weather is here I'm going to have to get some things done outdoors that the heat prevented me from doing during the summer. As a home owner there is always something to fix or improve around the house. I dream of several new antennas behind the house. If you plant them they will grow! Of course that is far down the list, but I made the list, so I can cheat the list. I guess it's about priorities. One thing for sure I'll beat the frost with some things on my bucket list.



IN TOUCH WITH HUTCH

Some of you folks who get The Herald are missing out on the activity on 10 and 6 meters. If you've been thinking about doing more with your Technicians license, NOW is the time. We are expecting fantastic band conditions for the next year or two (3?) which can be done with modest antennas. Many are doing it with a portable setup. Plenty of Elmers in the club for support, heck, ask them all!

There is someone everyday calling V O T A for you! Don't stop there, every contact you log adds points. Check your points at <https://vota.arrrl.org/> click "Leaderboard"

There is Parks on the Air at <https://pota.app/#/> free to sign in, then click your user name on the upper right side of the page, choose "my stats". I was surprised to see I have 774 park contacts in 12 countries on SSB. If you are collecting "grid squares" be sure to copy the grid square of the park listed and paste it over their home grid square before you log the QSO. No need to correct any addresses. I always include the park number, name, and state in the comments area as well but is not required for the POTA points or for the grid square. I've worked several SOTA or Summits on the Air stations, but POTA is far more popular. Perhaps because the activator doesn't have to find a Summit to climb and there's a heck of a lot of parks globally.

Thanks for welcoming the Clear Captions rep to our last meeting. I hope you found the info useful for yourself or perhaps someone you struggle to talk to on the phone. I even hooked up my big brother with one.

If you are "stuck" in one place with amateur radio and want to make progress or perhaps you are planning some changes to your station or ham shack, there is no better place or time than during our meeting at the Red Cross. The best place during the meeting is when I "ask for new business." It doesn't have to be club business when you ask, at it will become club business when you do ask.

Have fun, God bless, and play radio!

Keith KJ8H  
330-328-5264 call me if you need me!

<http://mcrca.org/>

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

## Club Officers

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**MCRCA Meeting Minutes for August 17, 2023**

Meeting called to order at 7:30 pm, by Keith KJ8H.

Pledge of Allegiance

Introductions: No new members, no upgrades or guests.

MINUTES: Motion by John WA8YZB, supported by Dale WA8EFK, to approve as written in the Herald. Approved.

TREASURER REPORT: Motion by Paul W8PI, supported by Ed WS8Y, to approve the treasurer's report as passed out to the membership. Approved.

DX REPORT: Paul W8PI, On October 4th 2023, a band of ten experienced ham radio DXpeditioners will be QRV from Swains Island W8S, in the South Pacific. This is a much sought after QSO as Swains is ranked #27 on the Club Log most wanted DXCC list.

CONTESTING: Paul W8PI, Lots of contests. NAQP SSB – Lots of QSO Parties, Hawaii, Kansas, Ohio, Colorado, Tennessee, Alabama, Iowa, Texas a good one, NJ, and Washington State Salmon Run. In addition, there is the VOTA all year long. Paul gave current results of the VOTA and standings.

TESTING: Paul - Next session - Sat. Aug. 19, 2023. **Appointments Preferred - FRN and email req'd**

CLASSES: Sat. October 4, 2023 contact Don N8BZN. Four out of five passed at the last class.

FOX HUNT: Mike N8KUF, third and final fox for this year will be held Saturday Sept. 9, 2023. Meet at EMD parking lot at 8:30 am for envelope and instructions.

ARPSC: Ed WS8Y, Saturday Sept. 2, 2023, will be a training session at the EMD. Next meeting will be Thursday, Sept. 7, 2023.

ARRL: Dale WA8EFK, ARRL Board meeting last month, dues were raised plus an additional \$10 for QST in print, otherwise online free.

RRRA: Mike N8KUF, everything is working fine with a couple of other projects working at a snail's pace.

OLD BUSINESS: none

NEW BUSINESS: none

DOOR PRIZE DRAWING: James WD8NWF

50/50: Keith KJ8H, won and donated to scholarship

ANNOUNCEMENTS: Findlay Swap Sept. 10, and Adrian Swap Sept 17, – Final Fox Hunt Sept 9<sup>th</sup>.

PROGRAM: Sue Johnson, a rep from Clear Captions was at our meeting to offer you (hearing damaged people) a free captioning phone. No proof of hearing loss required but you do need an internet connection for it to work. It's LOUD if you need loud and it is totally free. Sue is as nice as they come and will deliver and set up the speakerphone for you.

ADJOURNED: 8:20 pm

ATTENDANCE: 16

WA8EFK Dale	KE8RXC Debbie	WS8Y Ed	K8EBI Fred
WD8NWF James	WA8YZB John	KJ8H Keith	W8MCW Mark
N8KUF Mike	KA8PQH Neil	W8PI Paul	W8SMB Scott
N8NYP Terry	KE8NSU Tony	W8MRA Mike	Susan Johnson, speaker

**Committees****Club Station**

Wes Busdiecker KC8SKP

**DX Net**

Soon

**Field Day**

Jeff Breitner KA8NCR

**Finance**

Paul Trouten W8PI (chair)

Fred VanDaele K8EBI

Dale Williams WA8EFK

**HamFest**

Fred VanDaele K8EBI

**Hertzian Herald**

Fred VanDaele K8EBI

**Historian**

Paul Trouten W8PI

**Public Relations**

Terry Kolton N8NYP

Tom Imlach KE8KNZ

**Scholarship**

Fred VanDaele K8EBI

**Program Chairman**

**WANTED**

**Membership**

Terry Kolton N8NYP

n8nyp@arri.net

**Property Custodian**

Paul Trouten W8PI

## ARPSC September report

Can Summer already be almost over?

Before we know it we will be celebrating Halloween, Thanksgiving, and Christmas...

We have had a busy summer with the Erie Kids run, Dundee Independence Parade, and Monroe Fair along with all the training and updates. But wait, we still have a lot more to get done...

Monroe ARPSC was asked to provide support for this year's Monroe County Fair in August working with the Southeast Michigan Incident Management Team at the on-site command post which was new this year. Several members helped out throughout the week helping set up, overcoming radio power issues in the command post, staffing every evening during the week monitoring weather, and helping dispatch emergency response assets throughout the venue. The time spent by these members was deeply appreciated by county Emergency Management, onsite emergency response leadership and IMT leadership. This event cemented our served agency relationships as we were able to demonstrate our willingness and skills to make communications happen and assisting the county.

AEC Mark Wheeler W8MCW, AEC Ed Keller WS8Y and I covered the shifts during the week.

Wayne County Mobile Command post @ MCF, AEC Ed Keller WS8Y in the command post discussing an issue with Audrey Brown from IMT



In the process of keeping our county communications assets up to date, we were able to purchase and install a Connect Systems CS-800D Plus VHF/UHF DMR radio at the radio console in the county Emergency Communications Center. This will allow us to take advantage of the new DMR repeater asset install by the River Raisin Repeater Association at the Dundee Water tower site. DMR access gives us yet another tool to put in our toolbox by allowing us to connect nearly anywhere in the world using the DMR networks. We also have the ability to connect with the CMEN Mi5 DMR network for connection to NWS Detroit/Pontiac and the State EOC in Dimondale, along with the rest of the state. As opportunities present themselves, we will be updating a couple of the other radios in the county radio console.

### IMPORTANT DATE CHANGE:

The 2023 Fall Simulated Emergency Test will be Saturday SEPTEMBER 30<sup>th</sup>. We will be directly participating with Monroe County EMD, Southeast Michigan Incident Management Team along with several Fire Departments. We will need lots of folks to help on this, both in the field and relays from home stations. This will be an excellent training and an opportunity to work with our Served Agencies and to show off our skills and abilities!!

See Additional Article in this news letter.

(Cont'd next page)

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**UPCOMING MEETINGS**

- October 5<sup>th</sup> Monthly meeting SET Debrief 7:30pm @ EMD
- November 2<sup>nd</sup> Monthly meeting 7:30pm @ EMD
- November 4<sup>th</sup> Saturday Training Session SOLDERING Held @ Red Cross Building on Dixie Hwy 9am-11:30am
- December 7<sup>th</sup> Monthly meeting PLANNING for 2024 7:30pm @ EMD

If you are interested in honing your skills or building new ones, please feel free to stop in to any of our meetings or training sessions, or participate on our nets. We are here to help every operator learn and perform better. It doesn't matter if your call sign was just posted on the FCC database or you have had your ticket for decades, we are always looking for additional operators.

ARPSC meetings are the first Thursday of every month at 7:30pm at the EMD on Raisinville Rd. Next meeting is Thursday October 5th

As always Thanks to the club and the club webmaster for linking our FB and webpage, and to Fred for his time getting this newsletter out.

73, Lance Charter,  
Emergency Coordinator  
Monroe County Amateur Radio Public Service Corps

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**The S.E.T.** is ARRL's primary 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 response.

The SET encourages maximum participation by all radio amateurs, partner organizations, and national, state, and local officials who typically engage in emergency or disaster response. In addition to ARES volunteers, those active in the National Traffic System (NTS), Radio Amateur Civil Emergency Service (RACES), and National Weather Service (NWS) SKYWARN®, Community Emergency Response Team (CERT), and a variety of other allied groups and public service-oriented radio amateurs are needed to fulfill important roles in this nationwide exercise.

This fall brings a new challenge to our SET attempt. We have been invited by the Southeast Michigan Incident Management Team and Monroe County EMD to participate with them on Saturday September 30<sup>th</sup> from 9am until 2pm as they host a Train Derailment/Hazardous Materials Table Top Exercise for all county Fire and Law Enforcement teams along with teams from southern Wayne County. The exercise centers on a Train hauling Hazardous Materials (as most trains do) derailing at the Monroe/Wayne county line in Huron/Ash twps. Amateur Radio will be activated to assist where we would in real life:

- At the county EOC
- At any shelters for displaced residents
- At the Incident command post
- At resource staging area
- Local hospitals
- Red Cross

While the exercise for the emergency responders will happen as a tabletop exercise (no physical deployment, mostly discussions) at EMD, Amateur radio WILL be deploying assets as available into the field and operating full scale. This is a perfect time to get outside one more time before cold weather hits and make sure your portable stations is ready. Even if you are new to the hobby and don't have a portable station, are not part of ARPSC, or just feel overwhelmed, there is a place and a need for you! We can team you up with a more experienced operator whether at a field site, the EMD, Red Cross, or Promedica Monroe Hospital. You can learn the ropes by observing and working under the guidance of someone that, at one time, felt as overwhelmed as you.

You do not have to be an ARPSC member to participate in the S.E.T and can participate with just a few minutes right from your home QTH. I do, however, encourage everyone to come out and participate and join in the fun. We will be looking for folks to set up (or help) at simulated shelters, command points, etc. (Cont'd next page)

Participant numbers are a big part of the S.E.T experience and the scoring, so we need all the help we can get. Please also talk up S.E.T participation with other operators; we will need lots of folks to help out!

To brush up on your National Traffic System skills, all stations that check in are asked to have at least 1 Radiogram prepared to be moved into the system. This is another big skill practice and points area. So pull out your address books and send well wishes to a family member in Colorado, an It's been too long message to a former high school classmate in Louisiana, or a Let me tell you about this great hobby of Amateur Radio to a colleague in Maine..... The sky is the limit, it will help bring us points, help you keep the rudimentary skill of Traffic Passing alive and it's a lot cheaper than a stamp!

We will also be moving messages from our served agencies using the ICS 213 forms, and the Red Cross Shelter forms. These are available for viewing online; please take a few minutes to brush up on these forms and their use.

If you can't participate all morning, even checking in from home or on the road, will help us fill our objectives. Have generator or battery backup? Even better as this will add to our points... and this will also assure that you have your batteries charged and your generator runs before the winter storms and power outages arrive.

We will also be assisted by our friends from Wayne and Washtenaw county amateur radio.

This is a new and exciting opportunity to work directly with our served agencies, network and to demonstrate our abilities while operating the way we would in a real emergency event.

If you have any questions or would be interested in helping out in any way please contact any of the ARPSC leadership (myself, Ed Keller, Mark Wheeler, Dale Williams or Rodney Haddix) or either of the Public Information Officers Tom Imlach or Terry Kolton.

September 7, 1927, American television pioneer **Philo T. Farnsworth**, age 21, succeeded in transmitting an image through purely electronic means by using a device called an image dissector. When Philo T. Farnsworth was 13, he envisioned a contraption that would receive an image transmitted from a remote location, the television. Farnsworth submitted a patent in January 1927, when he was 19, and began building and testing his invention that summer. He used an "image dissector" (the first television camera tube) to convert the image into a current, and an "image oscillite" (picture tube) to receive it. On this day his tests bore fruit. When the simple image of a straight line was placed between the image dissector and a carbon arc lamp, it showed up clearly on the receiver in another room. His first tele-electronic image was transmitted on a glass slide in his laboratory. The New York World's Fair showcased the television in April 1939, and soon afterward, the first televisions went on sale to the public.



## MCRC Foxhunt #3 - Sept 09, 2023

Mike N8KUF fulfilled the Fox Duties

The FOX was located in a parking lot near the sledding hill at Heck Park on N. Dixie Hwy.

Straight line distance from the start location to the park per Google Earth = approx. 5.1 Miles, and the shortest route per google maps = 6.4 miles.

### Hunters

#### Team 2 – First Place

Fred K8EBI and Brenda KB8KQC

Fox found at Approx.. 10:34

Miles = 8.2

#### Team 1 – Second Place

Paul W8PI, Vickie, Scott W8SMB, and Isaac KE8VTT

Fox found at Approx. 10:29

Miles = 8.9

The weather for this last hunt of the season was danged near perfect. It was a bit cool at the start but by the time the hunt wrapped up temperatures were in the low 70's and mostly cloudy.

Thanks to those who were able to attend and participate. This was a relatively short hunt but the fox location was placed in a spot that required a few strategic decisions by the hunt teams (i.e., you can't get there directly from here) and as you can see by the scores 1) the first team to arrive recorded higher miles that the second team to arrive, therefore the second team was the winner. 2)note that although the line of site distance was a mere 5.1 miles, teams had to drive in excess 8 miles to get there.

This was the final scheduled hunt for 2023. I'd like to thank everyone that was able to find the time to take part in at least one hunt during the 2023 season – I hope that you enjoyed the ride.

AND, as for overall winner for the season???? Everyone who managed to find the fox during one or more of the hunts, of course, should consider themselves to be a WINNER.

Respectfully submitted – Mike N8KUF – 2023 Foxhunt Chair

## Space Weather News for April 12, 2023

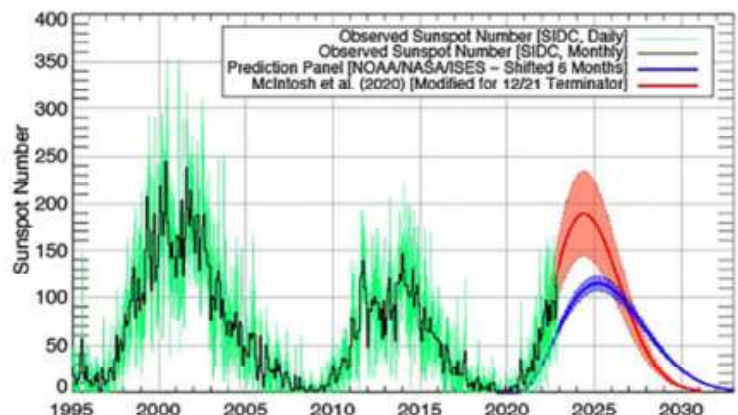
<https://spaceweather.com>

<https://www.spaceweatheralerts.com>

### SOLAR MAX MIGHT ARRIVE

**EARLY:** Evidence is mounting that Solar Cycle 25 might peak much earlier than expected. New research by a leading group of solar physicists predicts maximum sunspot activity in late 2023 or early 2024 with a peak that could be twice as strong as the previous solar cycle. Full story @ [Spaceweather.com](https://spaceweather.com).

**Solar Flare alerts:** Sign up for [Space Weather Alerts](https://spaceweatheralerts.com) to receive instant text messages when strong solar flares are underway.



Above: The red curve traces the new prediction of an early and relatively strong Solar Maximum.



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 JA2VBK, The Daily DX, 425 DX News, DXNL, Contest Corral from QST and the ARRL Contest Calendar and WA7BNM web sites. Thanks to all.

**ROTUMA ISLAND, 3D2.** Darren, VK4MAP is QRV as 3D2RAT until September 29. Activity is holiday style on 80 to 10 meters using SSB. QSL direct to home call.

**ITU HQ, 4U\_ITU.** As part of WRC-23 Preparation, delegates are QRV as 4U1ITU in their spare time until the end of the month. Activity is on the HF bands. QSL via operators' instructions.

**TIMOR-LESTE, 4W.** Satoshi, JH2EUV is QRV as 4W/JH2EUV from Dili until October 13. Activity is in his spare time on 80 to 6 meters. QSL to home call.

**JAMAICA, 6Y.** Don, M0CVZ is QRV as 6Y5DH until September 30. Activity is holiday style on 40 to 10 meters using SSB. QSL via LoTW.

**BOTSWANA, A2.** Sajid, VA3QY is QRV as A22EW until October 8. Activity is on 20 to 10 meters, and possibly 6 meters, using CW, SSB, FT8, and JS8. QSL via KB2MS.

**BALEARIC ISLANDS, EA6.** Andreas, DK5ON is QRV as EA6/DK5ON from Mallorca Island, IOTA EU-004, until September 28. This includes being active from Lighthouse ARLHS BAL-010, WLOTA 1902. Activity is on 40 to 6 meters using CW, SSB, and various digital modes. QSL to home call.

**ALAND ISLANDS, OH0.** Operators PA2A, PE1NYQ, PG2K and PA0VHA will be QRV as OH0RY from Mellanon Island from September 17 to 30. Activity will be on the HF bands. This includes being an entry in the upcoming CQ World Wide RTTY DX Contest. QSL via operators' instructions.

**CURACAO, PJ2.** Gabor, HA3JB will be QRV as PJ2/HA3JB from September 16 to 26. Activity will be on 80 to 6 meters using CW, SSB, RTTY, and FT8. This includes being an entry in the upcoming CQ World Wide RTTY DX contest. QSL direct.

**GREECE, SV.** Members of the Salamis Radio Amateur Group will be QRV with special call SX480SNB from September 16 to 30 to commemorate the 480 BC Battle of Salamis. QSL on LoTW.

**DODECANESE, SV5.** Claudio, HB9OAU is QRV as SV5/HB9OAU from Karpathos Island, IOTA EU-001, until September 21. Activity is on 80 to 10 meters using CW, SSB, and FT8. QSL via LoTW.

**EAST KIRIBATI, T32.** Ken, KH6QJ is QRV as T32AZ from Kiritimati, IOTA OC-024, until October 17. QSL to home call.

**PALAU, T8.** Operators JR3QFB, JO3LVG and JM1LIG are QRV as T88JH, T88MK, and T88FM, respectively, from Koror Island, IOTA OC-009, until September 19. Activity is on 40 to 6 meters using CW and some SSB. QSL to home calls.

**ICELAND, TF.** George, K5KG and Charles, K1XX are QRV as TF/K5KG and TF/K1XX, respectively, until September 18. Activity is on the HF bands. They plan to be active as part of the TF3D Multi/Multi team in the Scandinavia Activity CW contest. QSL via LoTW.

**MICRONESIA, V6.** Look for V6Z, V63Z, V6AAA, V6WW, V63FM, V63OS, V63VB, and V63SX to be QRV from Weno Island, IOTA OC-011, from September 18 to 21. Activity will be on 160 to 6 meters using CW, SSB, and FT8. This includes a beacon active on 50150 kHz. QSL via operators' instructions.

**PITCAIRN ISLAND, VP6.** Meralda, VP6MW has been active on 10 meters using FT8 around 1600z. QSL via W0VTT.

**INDIA, VU.** Special event station AT2G20 is QRV until September 15 in honor of the multinational G20 meeting being held here. QSL via operators' instructions.

**VIET NAM, XV.** Greg, XV9BPO was active on 15 meters using CW around 1500z. QSL via EA5GL.

**CHATHAM ISLANDS, ZL7.** Holger, ZL3IO will be QRV as ZL7IO from September 16 to 29. Activity will be on 160 to 10 meters using CW, SSB, RTTY, FT8, and FT4. He plans to be active in the upcoming CQ World Wide RTTY DX contest. QSL via DK7AO.

**THIS WEEKEND ON THE RADIO.** ARRL 10 GHz and Up Contest, North American RTTY Sprint, NCCC FT4 Sprint, NCCC RTTY Sprint, NCCC Sprint CW Ladder, AGB NEMIGA 80-Meter Contest, K1USN Slow Speed CW Test, SARL VHF/UHF Digital Contest, Scandinavian Activity CW Contest, Texas QSO Party, Iowa QSO Party, QRP Afield, New Hampshire QSO Party, New Jersey QSO Party, Washington State Salmon Run, Wisconsin Parks on the Air, Feld Hell Sprint and the BARTG Sprint PSK63 Contest will keep contesters busy this upcoming weekend.

The Run for the Bacon QRP CW Contest, K1USN Slow Speed CW Test, ICWC Medium Speed CW Test, OK1WC CW Memorial, 144 MHz Fall Sprint, RSGB FT4 Contest, Worldwide Sideband Activity Contest, Phone Weekly Test, A1Club AWT, CWops Test, VHF-UHF FT8 Activity Contest, Mini-Test 40 and the Mini-Test 80 are scheduled for September 18 to 20.

Please see September 2023 QST, page 70, 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 3<sup>rd</sup> Saturday of every even numbered month at:

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

**Registrations preferred**  
**Call for information.**  
**email address and FRN required**

**2023 Schedule:**  
February 18    April 15  
June 17        August 19  
October 21    December 16

### 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

September 21st at 7:30 pm  
American Red Cross Chapter Bldg.  
1645 North Dixie Highway  
Monroe, MI 48162

#### 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

## One Day Bi-Monthly Technician classes

### Next class will be October 14, 2023

The Monroe County Radio Communications Association (MCRCA) is offering a one-day Amateur Radio course for the entry level Technician class license. The class will run from 8:30 AM to 4:00 PM on the **second Saturday of every even numbered month**. The cost is \$10 and includes lunch, snacks and beverages. The test will be conducted immediately following the class and has a separate fee of \$14. These classes will be held at the Red Cross building, 1645 N Dixie Hwy, Monroe, MI 48162.

There is a maximum class size of 10 people on a first come first served basis and you should sign up no later than 1 week before the class. All study material and testing paperwork will be provided at the time you sign up and you should plan on doing some pre-class studying to make things easier in the class.

If you are interested in becoming a Ham Radio Operator, please call or email me to get signed up for the next class.

N8BZN Don Fritz / (419) 345-4495 after 6PM / [Donfritz56@gmail.com](mailto:Donfritz56@gmail.com)

## New MCRCA Members

Please welcome recent new members to the club.

Andy KE8YXQ and Liz KE8YXR Lekarczyk