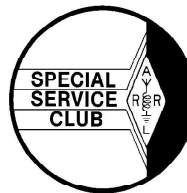


The Hertzian Herald



October 2021 • Volume 45, Issue 10 • Monroe, Michigan, U.S.A.

D Fritz Bitz:



I went to visit a friend of mine the other day. He got his ham license just a few years before me in 1972. He has a real nice one-hundred-foot tower with a half dozen antennas on it. Right next to that he built a beautiful little ham shack with all the modern amateur conveniences'. He has a couple dozen awards on the walls with worked all states on several bands. He runs CW, phone, RTTY and all digi modes. In fact, in one contest his club was the number one RTTY entry in the US running his station. His next foray is going to be satellite communications. I sat with my jaw dropped the whole time I was there. I told my wife he takes this much more serious than me.

I know people who run strictly HF and some who use just VHF and UHF repeaters and nothing else. Some are just into satellite contacts and some use nothing but CW. Some, like my friend, use every mode and every band they can get their hands on. That's one of the great things about this hobby. There are many avenues to pursue in amateur radio and when you master one you can move on to another.

My personal thing is old stuff. I love working on a radio as old as me and turning it on to hear people from all over the world just like the original owner did 65 years ago. I still use a straight key and have to wait 20 minutes for my receiver to warm up so it doesn't drift. (Most people will have no idea what any of that means) I have some new stuff too but my passion is the old radios. Play with some different things and find out what your passion is. You might be surprised at what interests you and the direction it takes you.

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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THIS WEEKEND ON THE RADIO

The JARTS WW RTTY Contest, 10-10 International Fall Contest, CW, New York QSO Party, Worked All Germany Contest, Feld Hell Sprint, Argentina National 7 MHz Contest, Asia-Pacific Fall Sprint, CW, UBA ON Contest, 2 Meters, Illinois QSO Party, RSGB RoLo CW, Run for the Bacon QRP Contest are on tap for this weekend. The ARRL School Club Roundup and RSGB FT4 Contest Series are on October 18.

Please see October QST, page 75, and the [ARRL Contest Calendar](#) and [WA7BNM](#) contest web sites for details

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MCRCA Meeting Minutes for September 16, 2021

Meeting called to order at 7:33 pm, by Don N8BZN.

Pledge of Allegiance

Introductions: No new members, upgrades or guests.

MINUTES: Motion by Paul W8PI, supported by Mike N8KUF, to approve as written in the Herald. Approved.

TREASURER REPORT: Motion by Wes KC8SKP, supported by Dale WA8EFK, to approve the treasurer's report as passed out to the membership. Approved.

DX REPORT: Tom Jenkins reported that he receives the Daily DX info via email which contains a lot of information. Covid has made it more difficult to go on DXpeditions and also restrictions on Islands where birds nest etc. many are no travel or visits. Plus, quarantine requirements before and after. Lots of DX info in the Herald. Dom, 3Z9DX planning to be active again as 3D2CR from Conway Reef. Ukrainians will be active from Comoro Islands. Bovet Island will cost more than a million dollars next year. DX is still out there.

CONTESTS: Paul W8PI, This is a good month for contests. Lots of state QSO parties. Maine, California, NY, and Illinois, check out Contest Calendar. <https://www.contestcalendar.com/stateparties.html> Last weekend will be the CQ DX SSB Contest.

TESTING: Next session - Sat. October 16, 2021. **Appointments Preferred and you now need an FRN number and email address before taking the test.**

FUTURE PROGRAMS: The club is looking for Chairman for this job, please contact Don N8BZN.

ARPSC: Mike N8KUF, talked about Lance's article in the Herald on getting more operators trained on using the EMD radios. The SET will be October 2nd. And the next ARPSC meeting will be October 7th at the Red Cross.

ARRL: Dale WA8EFK, will be meeting with the Great Lakes planning Committee, and announced the canceling of the Corvettes Club hamfest in KY.

RRRA: Mike N8KUF, all repeaters are working – improving generator monitor and working on Echolink improvements, a dedicated Echolink Server.

OLD BUSINESS: None

NEW BUSINESS: 80th Anniversary - November - Christmas Party pot-luck - December 16th

DOOR PRIZE DRAWING: Fred K8EBI

50/50: Keith KJ8H donated his to the Scholarship

ANNOUNCEMENTS: Adrian Hamfest Sunday, Please go and help support their club, they help us.

PROGRAM: two videos on satellite operations – 2m and 440 - KX9X

ADJOURNED: 8:53 pm

ATTENDANCE: 12

KB8KQC Brenda

KJ8H Keith

N8NYP Terry

WA8EFK Dale

N8KUF Mike

KG8P Tom

N8BZN Don

W8PI Paul

KC8SKP Wes

K8EBI Fred

KE8OSX Ron

WB8FBG Rita

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

soon

Membership

Terry Kolton N8NYP

n8nyp@arri.net

Property Custodian

Paul Trouten W8PI

ARPSC Report

Welcome to October, Pumpkins, Changing colors, Spook Patrol and the S.E.T.

The Simulated Emergency Test or S.E.T is the main training and skills exercise for ARES/ARPS, it is a time to test what you learned, what you have practiced, figure out where you need to train some more, enjoy the fellowship of fellow operators, and have some fun participating. The SET is held nationwide yearly, and the ARRL sets aside the first Saturday in October to provide a coordinated date, but groups can participate at any point from September to December. Each EC determines the skills they wish to test and creates a scenario to fit that will test the operators, procedures and equipment.

Monroe County held its SET on Saturday Oct 2nd to coordinate participation with our counterparts in Ohio and Nationwide. The scenario developed after a lake freighter inbound to Monroe DTE power plant to deliver coal had catastrophic mechanical issues, deviated out of the normal shipping channels and sank in the area of the fresh water intake for the City of Monroe Water Plant. The accompanying damage to the intake and contamination prevented the plant from supplying municipal water to its customers, which includes most of the villages, cities and towns in the central and northern part of the county.

Amateur Radio assets were requested to staff the Emergency Operations Center, the Red Cross EOC, a Point of Distribution site for bottled/bulk water in Ida, and Promedica Monroe Regional Hospital; which was operating on a very limited basis due to the crisis. After notifications by the Monroe County Alert Network (MCAN) and callout on the 72 Monroe, the operators responded to their assignments, setup their stations and began moving traffic in support of the scenario.

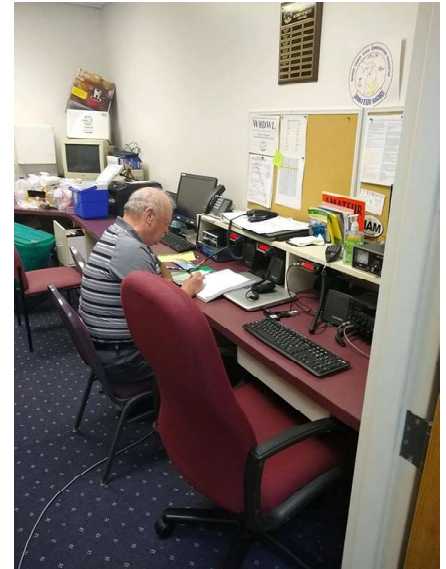


Operators unable to respond to a site checked in from their home stations to act as liaison or relays from other counties, these operators are as valuable during activations as those that are "on-site" as issues at field stations can arise and having additional support is critical.

Everyone that checked in was asked to have a Radiogram prepared to transmit and get moved into the National Traffic System. Radiograms and their proper formatting and delivery are the backbone of EVERY Amateur Operators skill set. Transmitting messages correctly and quickly during a communications overload/failure is our #1 priority and every operator should strive to learn and hone this skill. Many operators took this

opportunity to format a radiogram to the former Monroe Emergency Manager, Mark Hammond, congratulating him on his recent retirement. Operators also had the opportunity to format and pass messages from our various Served Agencies who we support during an Emergency. Schools, Local Government, Promedica Monroe Regional Hospital, Public Safety organizations along with several other Voluntary Organizations Active in a Disaster (VOAD) that we work with i.e. Red Cross, CERT, CAP, Salvation Army, and VIPS sent messages of participation to be transmitted to Interim Emergency Director Ed Gillman. These messages were sent either by voice or one of the various Data modes that we have at our disposal, including Packet, Winlink, and FLDigi.

Preliminarily, we completed all goals that were set forth for the SET, we had 16 stations participate, communicated with Washtenaw, Wayne, Lucas and Seneca Counties, passed 25 Tactical Messages, 11 NTS



(Radiograms), had 2 field stations, successfully used Winlink and Packet messaging, and had good support from our Served Agencies.

I would like to Thank Dale-WA8EFK and Terry-N8NYP for setting up and running the field station in Ida, Larry-KE8HCD and Mark-W8MCW for setting up at Promedica Monroe, Mike-N8KUF and George-KB8OSU for operating at the Red Cross (George also was the Civil Air Patrol(CAP) liaison). Tom-KE8KNZ and Terry for their assistance in getting the information out to the media as our PIO's.

A HUGE Thank You is also needed for those that checked in during the morning from their home stations and helped out!

Next year I would love to have LOTS more participation in the SET. I know there are a number of operators out there that may be a bit apprehensive in participation for any number of reasons; Too Shy, I don't have a bunch of fancy equipment, I don't want to slow down the flow, what if I make a mistake, I don't know how to do-??????.

First off, NO ONE is perfect on their 1st try—or their 500th. This is a large part of why we do the SET, to give folks a chance to practice and make mistakes in a slow paced, easygoing setting where lives and property are not at risk. We ALL have made and CONTINUE to make mistakes, which is how we learn.



A field station does not have to be a large, high dollar, lots of equipment affair. One of our field stations consisted of a couple of cheap HT's, some writing instruments, a note book and a picnic table. Basically anyone has the equipment to do that.

We don't expect anyone to automatically know how to send a radiogram or ICS form the day after they get their license, which is why we practice. During the SET we had one member who has had the license for a number of years and been with the ARPSC team, format and send his FIRST two Radiograms. There were a few bumps with the first, but with help from others on the net, the second one came through perfect. We are here to help, and even if it were a real world activation, we do our best to guide and teach to help everyone hone their skills.

...and if you are Shy, remember, on the radio no one can see how nervous you are, and we don't bite...Hihi.

If you are interested in honing your skills or building new ones, please stop in to any of our meetings or training sessions, or participate on our nets. We are here to help every operator learn and get 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.

Our next event will be the Dundee Village Spook Patrol on Sunday October 31st, we are looking for a minimum of 4 teams to cover the village by car. Further information will be upcoming. Stay Tuned.

ARPSC meetings are the first Thursday of every month at 7:30pm at the EMD on Raisinville Rd. Next meeting is Nov. 4th

Watch the ARPSC FB and webpage as I will be getting pictures and information up on those platforms from the SET.

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.

MCRCA 80th Anniversary**ARPSC 60th Anniversary****RRRA 50th Anniversary**

The year 2021 is a banner year for the MCRCA and the two other organizations that we collaborate with. The club plans to celebrate this achievement at the November meeting, November 18, 2021. Plan to be at this meeting to help celebrate, there will be door prizes, cake, and light refreshments for all in attendance. During the meeting you will learn some of the past history of the MCRCA and the affiliated organizations. If you have any old pictures from the past club's activities, please bring them to show and tell during the meeting. Looking forward to having a large group at this meeting. If you have questions, please get in touch with Fred K8EBI or Paul W8PI. See you in November.

**A special call sign for Remembrance Day**

SARL News report that Armistice Day is held on 11 November each year and a **Remembrance Day** parade or ceremony is usually held on the Sunday closest to 11 November. This year it will be held on the 14th of November 2021.

As radio amateurs we would like to support the members of the **Memorable Order of Tin Hats** (MOTHs).

During all wars communication has played an extremely important role. Although radio amateur's equipment was either confiscated or sealed, they still used their skills and knowledge to assist their countries in the war effort.

A special call sign, **ZS18MOTH**, has been obtained to commemorate the signing of the Armistice 103 years ago. At approximately 05:00 on Monday 11 November 1918, the Armistice was signed in a railway carriage of Marshall Foch's special train located in the forest at Rethondes in France on the western front. At 11 o'clock on this Monday 11 November 1918, the roar of guns ceased as peace and silence finally descended on the western front, ending the First World War.

The call sign represents ZS = South Africa; 18 = 1918 the year the guns of World War 1 fell silent and MOTH = the Memorial Order of the Tin Hats.

The call sign will be active from 06:00 UTC on Thursday 11 November until 16:00 UTC on Sunday 14 November on 80, 40, 20, 15 and 10 metres. On Sunday 14 November between 08:00 and 12:00 UTC, **ZS18MOTH** will be active from the Cenotaph in Mossel Bay in support of the MOTHs from the Blaize-away Shell Hole.

QSOs will be confirmed via a specially designed and printed Remembrance Day QSL card

Oregon student satellite expected to launch early next year

Portland State University say they expect Oregon's first satellite to be launched early in the new year

The PSU article says

After months and months of research, testing and development, the **Portland State Aerospace Society** (PSAS) is preparing to hand off Oregon's first satellite destined for the stars.

Later this month, the interdisciplinary student group will deliver the satellite known as **OreSat0** to Seattle's Spaceflight Inc. who will integrate OreSat0 into its Sherpa(R) Orbital Transfer Vehicle. The propulsive vehicle will carry and deploy many small satellites to orbit after hitching a ride to space aboard a SpaceX Falcon 9 rocket, scheduled to launch no earlier than January 2022.

OreSat0 is the first in a series of three satellites designed by the Portland State Aerospace Society and is just about the size of a tissue box. The satellite includes solar panels, batteries, a color camera and an amateur radio system.

Read the article at

<https://www.pdx.edu/news/psu-students-prep-oregons-first-satellite-space-flight>

IARU Frequency coordination information

http://www.amsatuk.me.uk/iaru/finished_detail.php?serialnum=714

Data on Number of Radio Amateurs Worldwide Needs Updating

Posted date: October 04, 2021 in: News

The oft-cited figure of 3 million radio amateurs worldwide may need updating. That number was what the International Amateur Radio Union (**IARU**) **published** in 2000 for the global head count. The IARU once regularly collected amateur radio population statistics, but stopped the practice around the point when the worldwide amateur radio population began to decline.

Data available elsewhere for a few major countries shows a steady decline in radio amateurs since 2000, with the exception of the US, where ham licenses — not necessarily licensees — number some 780,000 to date in 2021. Japan's ham radio population has dropped by more than 600,000 over the past 2 decades; as of 2015, it was 435,581, according to JARL. China boasts more than 174,000 radio amateurs as of 2021. According to 2018 statistics, Thailand has 101,763 hams; the UK has 75,660, and Canada has 70,198.

But, the specific size of the worldwide amateur radio population remains open to speculation, although a 2021 figure of 1.75 million may be closer to the truth. — *Thanks to Southgate Amateur Radio News, other sources*

Amateur (Ham) Radio on a Budget

Facebook conversation

Eric Sok

I'm buying a radioddity gd77 on ebay is a great investment if you install open gd-77. Talker alias on non-motorola repeaters and you can use it as a hotspot through windows 10 using bluedv or a raspberry pi using pistar. I was running my open gd-77 hotspot on 3 watts. Going to set it up with a mag mount antenna when i go camping or visit a hotel.

Irwin Goldstein

I have been a ham for 60 years and I have no idea what you are talking about.





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 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.

GUINEA BISSAU, J5. Members of the Italian DX Team are now active as J5T on CW, SSB and RTTY and J5HKT on FT8 until October 22. Activity is on 160 to 10 meters using CW, SSB, RTTY and FT8. They will have 6 operators and 4 stations active. QSL via I2YSB direct, OQRS or LoTW.

LESOTHO, 7P. John, ZS6JON is planning a QO-100 activity using the call 7P8Z from Maseru (grid locator KG30tp) on October 16 and 17. QSL this operation only via PA3CMC and eventually LoTW.

ANGOLA, D2. Vasco, CS7ACE is now active as D2ACE from Luanda for the first time since 2016. He has been found on 18145 kHz from 1500 to 1600Z. QSL direct or via bureau to CT2IXQ.

INDONESIA, 7A. A team of operators will be active as 7A2A from a contest station in Central Java during the CQWW DX SSB Contest. QSL to LoTW, direct, or via YB2DX.

KUWAIT, 9K. Abdallah, 9K2GS will be active as 9K2K during the CQWW DX SSB Contest as a Single-Op/Single-Band (15m) entry. QSL via EC6DX or LoTW.

MAURITANIA, 5T. Operators Johannes, PA5X and Gerben, PG5M will be active as 5T5PA/P and 5T1GM, respectively, until October 19. Activity will be on 40 to 10 meters using CW, SSB, and FT8. QSL 5T5PA/P via LoTW, Clublog or via PA5X (direct or by the Bureau).

JAPAN, JA. Kenji, JA4GXS will be active as JA4GXS/4 from Mi Island from October 16 to 18. Activity will be on 40, 20, 17 and 6 meters using CW, SSB and FT8. QSL to his home call sign, direct or via the Bureau.

UNITED STATES, W. Rich, WA5LFD, is now active as WA5LFD/p from North Padre Island, NA-092, until November 30. Activity is on 80 to 10 meters, and possibly on 6 and 2 meters, using CW, SSB, and RTTY. QSL via LoTW or WA5LFD direct. Also, Mike, W7LG/4 will be QRV from Hatteras Island, NA-067 from October 24 to 29, using CW and SSB on 80, 40 and 20 meters. QSL to eQSL or LoTW or send direct to W7LG.

KINGDOM OF ESWATINI, 3DA0. The Russian DXpedition Team (RUDXT) will be QRV as 3DA0RU until October 22. Activity will be on 160 to 6 meters using CW, SSB, FT8 and QO-100 satellite, with multiple stations. QSL via R7AL (direct or by the Bureau), ClubLog's OQRS (preferable) or LoTW. The Latvian RSF team will be active as 3DA0WW until October 26. Activity will be on 160 to 10 meters using CW, SSB, RTTY and FT8 (F/H). QSL via YL2GN (direct) or ClubLog's OQRS (direct and by the Bureau). The log will be uploaded to LoTW six months after the end of the operation.

Lionel, ZS6DPL will be QRV as 3DA0LP from Manzini from November 1 to 5.

AUSTRIA, 4U2. Members of the International Amateur Radio Contest DX Club (ARCDXC - United Nations, 4U1A) will be active as 4U2U until October 31. Activity is to celebrate United Nations Day. QSL via UA3DX, direct or by the Bureau.

HAWAII, KH7. Alex, KU1CW, will be active as KH7Q from Oahu Island (OC-019) during the CQWW DX SSB Contest as a Single-Op/All-Band entry. Look for activity before and after the contest where Alex will be signing KH6/KU1CW. QSL KH7Q via LoTW or direct to AH6NF.

TAIWAN, BV. Jun, JH4RHF/OE1JUN is currently in Taiwan for his work until November 8. In his spare time he will try to be on the bands, probably on 40 to 10 meters using CW. QSL via OE1JUN.

SABA, PJ6. Bart, PD1BAT is planning to be QRV as PJ6/PD1BAT from October 30 to November 5. He'll have an FT-818 and ended for 40, 20 and 10 meters and plans to be active on FT8 on 40 and 20 meters. QSL via the bureau to PD1BAT.

CYPRUS, 5B. Paul, SA6PIS will operate holiday style as 5B/SA6PIS from the October 19 to 31. He will also visit WWFF references. QSL via SA6PIS (d/B).

CRETE, SV9. Erwin, DK5EW is QRV until October 28 as SV9/DK5EW on 2 meter EME and MS. QSL via DK5EW (d), LoTW.

SERBIA, YU. Members of the Amateur Radio Club Novi Sad celebrate their city's status as European Capital of Culture 2022 with the call sign YU2022NS until December 30. QSL via YU7BPQ.

RWANDA, 9X. Members of the Holy Land DX Group (HDXG) will sign 9X4X between November 24 and December 1. They will run 3 stations on 160 to 10 meters using CW, SSB, RTTY and FT8 and maybe some satellite operation as well. They will also participate in the CQWW DX CW Contest. QSL via Ruben, 4Z5FI (direct or by the Bureau) or ClubLog's OQRS.

THE GAMBIA, C5. Alan, G3XAG will be active as C56XA from November 24 to December 2. Activity will be on 40 to 10 meters using only CW. His main activity will be during the CQWW DX CW Contest as a Single-Op/Single-Band (20m)/Low-Power entry. QSL via G3SWH's OQRS, direct or LoTW. No bureau cards. The log will be uploaded to LoTW and ClubLog once Alan returns home.

COMOROS, D6. Members of the F6KOP Radio Club are planning to activate the Comoro Islands (AF-007) with a multi-national 12 operator team sometime between mid-to-end January in 2022. Activity will be on 160 to 10 meters, using CW, SSB, RTTY, and FT8/FT4, with 5 stations as well as QO-100 satellite operations. Their call sign is pending.

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

**Registrations preferred
Call for information.**

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

October 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