

The Hertzian Herald



D Fritz Bitz:

Well this is a very busy 3 weeks for me. Mike and I did our second Technician license class Saturday. Although we lost a few students due to work or health issues, we had 3 people take the class and all passed with flying colors.



This weekend is the Monroe Hamfest, which is our big event of the year, and I am looking forward to picking up the rest of the gear I need for my mesh network system and the fittings I need for my handheld satellite antenna. I bought an Arrow handheld dual band Yagi at Dayton and have been listening for the last few weeks to figure out how it's done and I'm ready to start transmitting now if I can find the right fittings.

We still need a few people to sell tickets and set up Saturday so let me know if you can help.

Field Day is coming up the following weekend and I hope we can get more participation for that because it really is a lot of fun. I will have some sign up sheets at the meeting Thursday if you want to pick a time to work Field Day and I hope to see everyone at the cookout Saturday evening. I will be sending out emails over the next few days with more information about both the Hamfest and Field Day. I hope to see everyone at both.

So, until next month, 73.

Don Fritz, N8BZN



<http://mcrcra.org/>

www.facebook.com/groups/1643856795878368/

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Inside This Issue

Minutes	2
Hamfest Reoprt . . .	3
Bouvet Island . . .	4
Misc News	5
ARPSC Report . . .	6
ARRL DX News . . .	7

MCRCA Meeting Minutes for May 19, 2022

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

Pledge of Allegiance

Introductions: One new member, one upgrade and one guest.

Guest, Norm Meyers N9MM, **Upgrade**, Larry to General, **New member**, Tony Griffin KE8NSU

MINUTES: Motion by Larry KE8OTG, supported by Ed K8FGT, to approve as written in the Herald. Approved.

TREASURER REPORT: Motion by Mike N8KUF, supported by John WA8YZB, to approve the treasurer's report as passed out to the membership. Approved.

DX REPORT: Tom KG8P, reported that propagation is like a slot machine lately and there is no explanation for it. In three years the 20m band will be wide open 24/7. There 235 entities on the air last week nearly all of them. <https://www.ng3k.com/misc/adxo.html> has announced DX Operations for 2022.

CONTESTING: Don N8BZN, May 21 – AR QSOP, CQ WWPX CW contest 28-29th. June 4-5 KY QSOP, 18-19th WV QSOP, Field Day June 25-26th.

CLASSES: Don N8BZN, Sat. June 11, 2022 contact Don N8BZN, next class has 7 signed up already. They are finding out about the class via ARRL Website.

HAMFEST: Fred K8EBI, everything is going to plan and we need helpers. If you can help Saturday or Sunday contact Don N8BZN.

FIELD DAY: Mike N8KUF offered some information on the upcoming Field Day June 25-26th.

FOX HUNT: Mike N8KUF – write up in the May Herald

TESTING: Next session - Sat. June 18, 2022. **Appointments Preferred - FRN and email req'd**

FUTURE PROGRAMS: Fox Hunts, Digital, DMR, Kits, Antenna builds.

ARPSC: Mike N8KUF, 5k run in Erie Saturday June 4th 8-12 am more info in May Herald.

ARRL: No Dale

RRRA: Mike N8KUF Power supply failed causing a 1-1/2 hour down time before it was fixed. Echolink is doing well.

OLD BUSINESS: Scholarship is on hold because of Post Office problem.

NEW BUSINESS: Don N8BZN would like to see if we can get a trailer, with opening on both sides, for Educational and Fair etc. ARRL offers grants for education also Promedica and DTE etc. He plans to pursue a grant.

DOOR PRIZE DRAWING: Brian W8BKT

50/50: James WD8NWF donated his winnings to the scholarship.

ANNOUNCEMENTS: Chelsea Swap/Vintage Electronics Expo, Sunday, June 5, 2022

ADJOURNED: 8:38 pm

ATTENDANCE: 20
K8OF Doug
K8OLV Jeff
K88PQH Neil
N8NYP Terry
N9MM Norm

NM8I Barbara
K8FGT Ed
WA8YZB John
KC8AZZ Peter
KG8P Tom

W8BKT Brian
K8EBI Fred
KE8OTG Larry
KE8UNH Rick
KC8SKP Wes

N8BZN Don
WD8NWF James
N8KUF Mike
W8SMB Scott
KE8NSU Tony

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

Ron Duvall KE8OSX

Membership

Terry Kolton N8NYP
n8nyp@arrl.net

Property Custodian

Paul Trouten W8PI

Monroe Hamfest 2022

It's time for our annual Monroe Hamfest. As in years past, before Covid, it will again be held at the Monroe County Fairgrounds at M-50 and Raisinville Road, on Father's Day, June 19, 2022.

Set up will begin on **Saturday morning June 18th at 9 AM**. The fair people are setting up and taking down the tables again this year which will greatly reduce the heavy labor of years past. We still need several people to do the following odd jobs.

Meet at Fairgrounds at 9 AM. Open all gates
 Adjust and align tables in Merchant Bldg. according to diagram.
 Number tables, and label with vendor names, Markers and paper.
 Spread chairs among tables according to diagram.
 Hang 4 extension cords in rafters according to diagram
 Set up P.A. systems. (Dale & Mike)
 Set up club and ARRL table ARRL materials, prizes & extra tickets.
 Put up banner, flags, ticket barrel at club table.
 Unload items being sold at club table, Paul and Mike.

Mark out trunk space, driveways for Saturday night set-up people.
 Pylons for driveways between Trunk Sales spaces.
 Mark Handicap parking spaces, Fairgrounds has signs.
 Put up 4 Gate signs and directions for vendor traffic.
 Put stakes for banner on M-50. - Banner goes up Sunday morning.
 Put 14 brown paper bags over handicap signs out in big parking lot.



Hamfest weather

The fair people usually put the handicap parking signs out in the parking lot and since we allow them to park inside we need to cover 14 signs in the parking area with brown bags. There are other miscellaneous jobs such as putting up banners and flags, and putting up signs. This usually is all accomplished by lunch time if we get enough help.

Sunday morning the early workers will enter through the Raisinville Road gate. It will be opened by 6:00 AM so that we can get in place in time to start letting trunk sales people in at 6:30 AM. Building captain, trunk sale guides and ticket sellers need to be in place by 6:30 AM. We will use **446.600 simplex** during the Hamfest but please don't announce this on the 72 repeater as the trunk sale people will harass us to no end.

After the Hamfest, about 1 PM we need people to go around and police up the area. We must clean up the fairgrounds and the building or they will charge us if they have to do it. If we get lots of help this won't take long.

We need about 8 to 10 people to sign up for ticket sales Sunday Morning hourly from 6:30 to Noon, so people won't have to spend all day out standing in the sun. If you can help out selling tickets, please contact Rodney Haddix KD8ZNX as soon as possible.

We have the old food vendor back again year so the food should be excellent as in years past.

As of June 12th we have 62 tables reserved leaving 18 unspoken for. The only thing I can figure is the price of gas is keeping people from traveling to our hamfest, plus dayton came back this year.

If we get enough help and good weather, we should have a pretty nice Hamfest again this year.

Fred K8EBI, Hamfest Chairman for 27 years.



Bouvet Island DXpedition

In late April we successfully conducted a 4-day vessel inspection in Brazil that ended with a very good result. The inspection was carried out by a 3rd party vessel inspector and covered more than 105 checkpoints.

The vessel inspection focused on safety equipment, instruments, navigation, engines/machinery, deck, tenders, fuel and fluids, interior, and exterior.

Marama is in very good condition and hence the overall feedback is positive. The vessel went through significant upgrades with regards to machinery and engines in 2021 and has since been tested for years, most lately during the previous Antarctica season. The inspection file resulted in a punch list of only a few minor items to be followed up, no major findings during the 4-day inspection.

The team is currently working on the final preparations for packing the container scheduled to be shipped from Oslo in early September. Preparing the packing and shipping the container is extremely time consuming and requires a focus on details as our more than 2 years of work now is being materialized into packing lists and labeling the equipment. Today we have finally decided our container will be shipped to Port Stanley, Falkland Island. In Port Stanley a local team of ham radio operators will assist us in receiving the container, conduct a container inspection and make sure all is OK before the team arrive in early January. To Bouvet the team will bring with us 6500 kg of equipment, which includes several tons of fuel and food. Our contract allows for 22 days on the island, but we have food for 30 days and a plan for rationing should we have to stay beyond 22 days.



At this stage all the operators have already paid their full deposit of their individual 20,000 USDs operator fee. This is your insurance that we will do whatever we can to make this DXpedition a success. In a few weeks we will pay our 2nd vessel deposit to Marama. Ultimately this represents a huge undertaking for us financially as well a commitment to go to Bouvet and activate the rare #2 DXCC Bouvet island. With all the preparation and planning over the course of the last two years you can rely on our commitment and our determination to go onshore Bouvet in a zodiac 7 months from now.

Going to Bouvet would simply not be possible without the support from the vendors, clubs, foundations, and individual sponsors. June 1st, we completed our budget update, and this shows we're still missing roughly 100,000 USDs out of our 690,000 USDs budget to be able to go to Bouvet. As we now prepare for the next vessel deposit, we need your support to close the gap. Please consider supporting us by donating upfront.

You can follow our plans from our website and the 3Y0J Facebook pages:?

<http://www.3y0j.no>

<https://www.facebook.com/groups/3093983840726129>

Thank you, Oslo 3rd June 2022
Ken Opskar, LA7GIA, Co-Leader
Rune Oye, LA7THA, Co-Leader??
Erwann Merrien, LB1QI, Co-Leader

Ham radio operators tune in to giant waves in the Earth's ionosphere

The very upper layer of our atmosphere is electrically charged and sometimes the electrons up there clump up and form giant waves larger than Texas that zip around the Earth faster than a jet plane!

A team of researchers from NASA's Ham Radio Science Citizen Investigation (HamSCI) has observed these giant waves, called Large-Scale Traveling Ionospheric Disturbances, or LSTIDs, for the first time. Volunteers from the amateur radio community collected the data.

This new technique for observing these LSTIDs and vividly demonstrates their effect on radio communications. It can help us understand where these waves come from, and how the layers of our atmosphere interact. These results were published in the American Geophysical Union journal Geophysical Research Letters.

If you love amateur radio and like to get involved with the HamSci citizen science project, visit <https://hamsci.org/>

Source: <https://science.nasa.gov/science-news/citizenscience/ham-radio-operators-tune-in-to-giant-waves-in-the-earths-ionosphere>

Amateur Radio helps rescue injured California outdoorsman

A relaxing weekend of camping and fishing did not go as planned last Friday when a member of a California outdoors club fell and broke his hip.

The Old Goats Mountain Club (OGMC) had worked their way along an old Forest Service Road into a rugged, off grid location in the foothills of the Cascade Mountains. Dave Johnson, KL7DJ, said his friend slipped and fell while trying reel in a catch. The injury was so severe that the man could not be moved safely with a trip that could take at least 2 hours over the rough terrain.

Johnson is the only licensed amateur radio operator in the group and using the California Amateur Linking Radio Association (CARLA) system, he was able to call for emergency help from this vehicle. Greg Stamback, KD6VEN, located in the San Francisco Bay area responded and contacted the Shasta County EMS which dispatched a REACH 5 rescue helicopter from their base in Redding, California.

The entire rescue took about 1 hour and before the helicopter landed a local ambulance company arrived and was able to stabilize the injured camper. After surgery and 3 days in the hospital he is now at home recovering.

Johnson's wife Linda, KL7ISN, helped coordinate getting their friend's vehicle back to Redding. Using pre-planned contact schedules for Friday and Saturday and, after several makeshift auto-patches, the car was driven to a nearby highway where two other club members were able to take the car safely back home.

But the weekend was not over for amateur radio help. While the rest of the group was making their way out of the mountains on Sunday they were flagged down by a stranded motorist. His car's gas tank had been punctured and his cell phone would not work. He was taken to a small community along the way where there was a landline, and he was able to call for help from AAA.

Johnson said the motorist was thankful for the help and another member of the OGMC suggested the motorist might want to consider getting an amateur radio license.

While waiting for a tow truck to arrive, Johnson and a couple of OGMC members talked about amateur radio and how it had helped over the last few days. One member suggested maybe even he should have a transceiver installed in his vehicle. Johnson plans to make sure his friend, and the motorist, get a complete demonstration.

Source ARRL Letter April 14 <http://www.arrl.org/arrlletter>

ARPSC Report

We had 8 operators participate in the Race for the Kids Erie 5k Saturday June 4th. This was the first time we participated in this event and the weather was perfect, cool, sunny and a light breeze. Operators monitored checkpoints along the race route to watch for medical issues, and track the end of the race. Big thanks to Mike N8KUF, Ed K8FGT, Scott W8SMB, Jim WD8NWF, Larry KE8OTG, Terry N8NYP, Mark W8MCW and Debbie KE8RXC.

We are also looking for operators to help out at the Dundee Independence day parade July 4th. We need a minimum of 8 operators there also, but due to construction in downtown Dundee, the parade route may have to be changed and we may need many more volunteers.

You do NOT have to be an ARPSC member or have any club affiliation to participate in that event, so if you know a licensed friend that would be willing to help out, have them contact me.

There are a bunch of events upcoming this summer including the Biennial FERMI drills. To make it easier to participate, there is now a signup form at the bottom of the "calendar" tab on the MCarpsc webpage. Some of these events require operators to have a county issued ID tag to participate; these will be noted on the sign up.



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 July 7th.

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, KE8BYC
Emergency Coordinator
Monroe County Amateur Radio
Public Service Corps





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.

AZERBAIJAN, 4J. Alex, 4J3DJ is QRV as 4JF1EU from Baku until June 15 during the sixth Formula One Grand Prix. QSL to home call.

MONTENEGRO, 4O. Majo, YT2ISM is QRV as 4O/YT2ISM from Ulcinj until June 10. QSL to home call.

EAST MALAYSIA, 9M6. Dennis, 9M8DEN is QRV from Kuching City and is usually active on 80 to 10 meters, and possibly 160 and 6 meters, using CW, SSB, RTTY, and FT8. QSL via LoTW.

BAHRAIN, A9. Special event station A91BFA is QRV until June 15 to draw attention to Bahrain's national football team. QSL via EC6DX.

BALEARIC ISLANDS, EA6. Andreas, DK5ON is QRV as EA6/DK5ON from Mallorca until June 17. Activity is holiday style on 40 to 10 meters using CW, SSB, FT8, and FT4. QSL to home call.

REPUBLIC OF KOREA, HL. Operators DS2GOO and 6K2CEW will be QRV as home calls/4 from Sangchuja Island, IOTA AS-084, from June 17 to 19. Activity will be on 40 to 10 meters using CW, SSB, and various digital modes. QSL to home calls.

ST. LUCIA, J6. Operators K9HZ and WA2LLN are QRV as J68HZ and J68AG, respectively, until June 24. Activity is on the HF bands using CW, SSB, RTTY, FT8, and FT4. QSL via LoTW.

OGASAWARA ISLANDS, JD1. Operator JI5RPT will be QRV as JD1BLY on Chichijima, IOTA AS-031, from June 11 to 14. Activity will be on 40 to 6 meters using CW, SSB, FT8, and on Satellite. QSL via LoTW.

SVALBARD, JW. Peter, DL5FF is QRV as JW5E from Longyearbyen until June 12. Activity is on the HF bands using CW. QSL to home call.

DENMARK, OZ. Stefan, DL7AOS is QRV as 5P5K from Romo Island, IOTA EU-125, until Jun18. Activity is holiday style on 40 to 6 meters using SSB and various digital modes. QSL direct to home call.

NETHERLANDS, PA. Special event station PA900UTR is QRV until November 11 to celebrate the 900th anniversary since Utrecht was granted city rights. Activity is on various bands and modes. QSL via PI4UTR.

SAO TOME AND PRINCIPE, S9. Ryan, K0EFW will be QRV as S9EFW from Sao Tome, IOTA AF-023, from June 14 to 19. Activity will be on 40 to 10 meters using SSB. QSL via LoTW.

POLAND, SP. Adam, SQ9S is QRV with special call sign SN35FISTS until June 30 to celebrate the 35th anniversary of the FISTS CW Club. QSL via LoTW.

GREECE, SV. Special call sign J43POTA is QRV until August 31 to promote Parks On The Air, POTA, activity from the Peloponnese region. QSL via LoTW.

BELIZE, V3. Joe, KD9CJX is QRV as V31JX from Ambergris Cay, IOTA NA-073, until June 10. Activity is on 20 and 17 meters using mainly SSB but may also be on 15 and 10 meters if conditions permit. QSL to home call.

ANTARCTICA. Warren, VK7WN is QRV as VK0WN from the Australian Casey Station, possibly until October. Lately he has been QRV on 20 meters using SSB around 0430 to 0800z. QSL via operator's instructions.

UK SOVEREIGN BASE AREAS ON CYPRUS, ZC4. Dave, G4WXJ is QRV as ZC4RH until June 15. Activity is on 40 to 10 meters using CW, SSB, possibly FT8, and on Satellite QO-100 as well. QSL via LoTW.

THIS WEEKEND ON THE RADIO. The ARRL June VHF Contest, NCCC Sprint, K1USN Slow Speed CW Test, VK Shires Contest, Asia-Pacific SSB Sprint, SKCC Weekend CW Sprintathon, Portugal Day Contest, AGCW VHF/UHF Contest, GACW WWSA CW DX Contest, REF DDFM 6-Meter Contest and Cookie Crumble QRP Contest are scheduled for this weekend.

The 4 States QRP Group Second Sunday Sprint, K1USN Slow Speed Test, ICWC Medium Speed CW Test, OK1WC Memorial, Worldwide Sideband Activity Contest, RTTYOPS Weeksprint, NAQCC CW Sprint, Phone Weekly Test, A1Club AWT, CWops Test, VHF-UHF FT8 Activity Contest, Mini-Test 40, Mini-Test 80 and the RSGB 80-Meter Club CW Championship are on tap for June 13 to 15.

Please see June 2022 QST, page 69, and ARRL 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

Registrations preferred
Call for information.
email address and FRN required

2022 Schedule:

February 19	April 16
June 18	August 20
October 15	December 17

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

June 16th 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 August 13, 2022

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

New MCRCA Member

Please welcome recent new member to the club.

Tony Griffin KE8NSU