



September 2022
Our 103rd Year
Volume 60, Issue 9

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Website:

<http://www.mvara.org/>

The Voice Coil
Newsletter of the
Mahoning Valley
Amateur Radio
Association
Established 1919

The Voice Coil

Prez Sez



The car show was a great success! We made over 60 contacts-- and of course there were the cars that showed up. I don't have an exact number but there was quite a few. It looks like another success for the and looked like it was a success for the Mahoning Valley Olde Car Club.

Thanks to all the folks who showed up and helped. Dave and Nancy Brett, Frank Sole, and Mark Haverstock, radio operators. Ed Newsome supplied the antennas, masts, and cables to get us on the air. We really could not do it without Ed his expertise setting them up.

Also John Degutis, Rob and Allison Dunham, Mike McCleery, and newest member Joe were part of the special event crew. Again I want to thank all of you for showing up to the car show and for your valuable help.

As usual in August we had the annual corn roast, and it was a great success again this year. I must thank the cooking crew as they did a terrific job as usual. There was plenty of food to go around and lots of corn and hotdogs left over for doggie bags. If you came to the roast and went home hungry it was your own fault. We even had plenty of homemade and store-bought goodies that folks brought with them.

Dean kudos to you and your team of cooks did another bang-up job again this year.

Scott, KE4UHC

September Meeting Location:

GOP Headquarters, 8381 Market St, Boardman, OH 44512,
7 PM

2021 Officers

President: Scott Wilton, KE4UHC

Vice President: Mike McCleery,
K8PRR

Secretary: Doug Sage, KB8TPG

Treasurer: Dean DeMain, W8YSU

Trustees:

Andy Brinco, WA8ZLK (1)

Mark Haverstock, K8MSH (1)

John DeGutis, N8LVA (2)

Joe Vasco, N8SEJ (2)

Newsletter Editor: Mark
Haverstock, K8MSH (1)

Awards Manager: Dave Fairbanks,
N8NB, 330.501.5031, 4770 Logan
Ave. Youngstown, OH 44505

The Mahoning Valley Amateur
Radio Association, Inc, meets the
second Thursday of every month.
Location and time are subject to
change. Dues are \$20.00 per year,
\$10.00 each for additional family
member. Contact Dean,
W8YSU@arrl.net for membership
details.

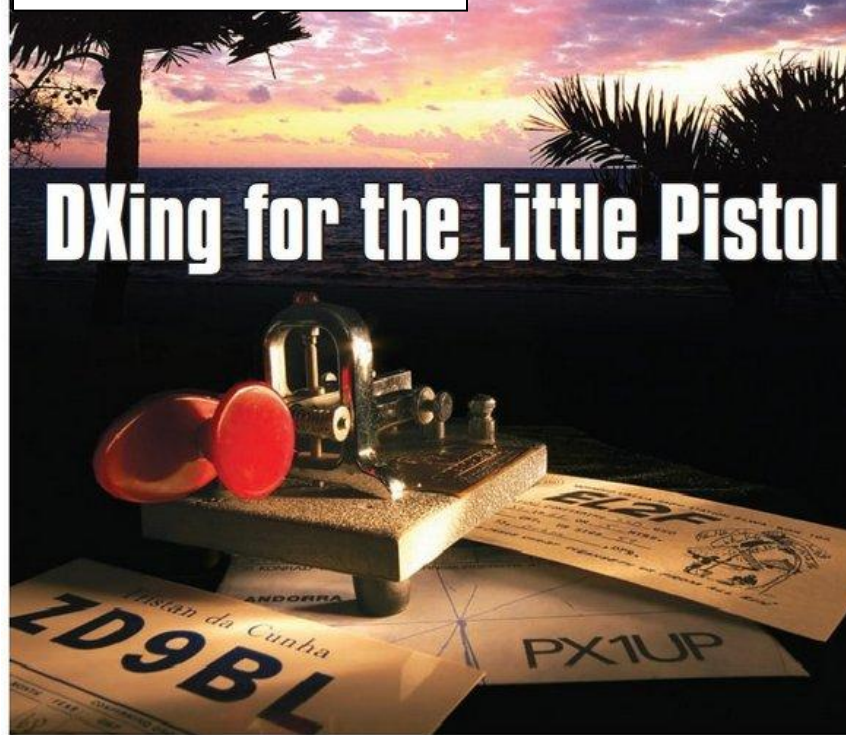
The club call is **W8QLY**; equipment
operated under this call includes a
two meter voice repeater at 146.745
(-600, 110.9 PL). Club email:
mvara.w8qlly@gmail.com

MONDAY NIGHT NET operates
every Monday at 9:00. PM on
146.745 MHz.

SKYWARN NET - First Wednesday
of the month at 8:30 PM on 146.745
MHz as weather warrants.

ARES NET- First and third
Mondays of each month at 8:30 PM
on 146.745 MHz; prior to the
Monday Night Net.

September Program



Working the World on 100W and a Wire?

Bob Logan, NZ5A, will be our speaker for the September meeting. Bob has written several articles for QST and has won QST Cover Plaque award.

One of his articles is "DXing for the Little Pistol." In his article, Bob talks about how those of us with regular 100W stations can still get in on the fun of making contacts around the world and offers tips for operating and station setup.

I have primarily worked special event stations and weekend QSOparties and have recently been thinking it is time to stretch beyond the borders of the US. So I will be particularly interested to hear what Bob has to say.

Mark your calendar and plan to be with us for the September 8th MVARA meeting.

Dave, KD8NZF

License Refresher:

Answers: E6B01 (B) E6B02 (D) G1A03 (B) G1A04 (D)

Current Activities

September 7: VE Testing, GOP HQ, 8381 Market St, Boardman, OH 44512, 6:30 pm.

September 8: Monthly meeting at GOP HQ, Boardman

Comments, Questions?

Email: mvara.W8QLY@gmail.com Snail-mail: MVARA, P.O. Box 14141, Poland, OH 44514

Meeting ideas/ suggestions? Contact Dave, KD8NZF, KD8NZF@zoominternet.net

K4MIA / 8

On September 10 thru the 18th of 2022, we will honor and support our Veterans with a Special Event on the air as K4MIA/8. Linda N8LRS and Metro W8MET will be the sister-station from Ohio for our 7th year. This event originated from K4MIA, Mike from Florida with other sister-stations involved. Special Event Station K4MIA is put on the air every year to ensure that America remembers its responsibility to stand behind those who serve and have served our nation - and do everything possible to account for those who do not return. Thanks for being part of this event.

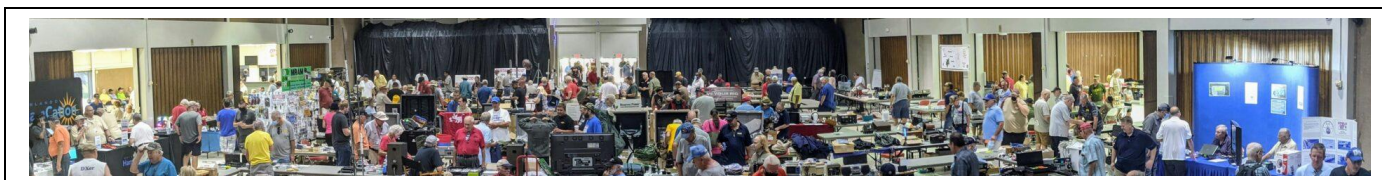
Details can be found on the ARRL website under "ON-THE-AIR" under SPECIAL EVENT under the call-letters of K4MIA. Also, this Special Event will be in the September QST. Please take part in this Special Event for our Veterans. QSL is available with SASE. We will be operating on 40 meter's SSB. GOD BLESS AMERICA --73, Linda and Metro

Hamfests *All are subject to change. Stay current by checking the sponsoring club's web page.*

09/11/2022 - Findlay Hamfest - Location: Hancock County Fairgrounds - 1017 East Sandusky Street - Findlay, OH 45839 - Website: <https://www.findlayradioclub.org/> - Sponsor: Findlay Radio Club - Talk-In: 147.150 PL88.5 - Public Contact: David Dryden , KD8AVT - 1926 Windsor Pl Findlay, OH 45840 - Phone: 419-348-1569 - Email: KD8AVT@findlayradioclub.org

09/25/2022 - Cleveland Hamfest - Location: Cuyahoga County Fairgrounds - 164 Eastland Road - Berea, OH 44017 - Website: <http://www.hac.org/> - Sponsor: Hamfest Association of Cleveland - Talk-In: 145.410-PL 110.9 / 442.225+ PL 131.8 - Public Contact: Glenn Williams , AF8C - 4134 Stoney Ridge Rd. Avon, OH 44011 - Phone: 440-934-5566 - Email: af8c@ARRL.net

10/30/2022 - Massillon Hamfest - Location: Military Air Preservation Hangar (MAPS) - 2260 International Parkway - Green, OH 44232 - Website: <http://w8np.org/> - Sponsor: Massillon Amateur Radio Club - Talk-In: 147.180 - 110.9 - Public Contact: Perry Ballinger , W8AU - 2468 Bellevue Ave SW Massillon, OH 44647 - Phone: 330-705-8449 - Email: w8au@sssnet.com





It's probably been a while since you took your Amateur License exam. Here are a few sample questions from the current question pools just to keep those synapses firing.

Extra Pool

E6B01

What is the most useful characteristic of a Zener diode?

- A. A constant current drop under conditions of varying voltage
- B. A constant voltage drop under conditions of varying current
- C. A negative resistance region
- D. An internal capacitance that varies with the applied voltage

E6B02

What is an important characteristic of a Schottky diode as compared to an ordinary silicon diode when used as a power supply rectifier?

- A. Much higher reverse voltage breakdown
- B. More constant reverse avalanche voltage
- C. Longer carrier retention time
- D. Less forward voltage drop

General Pool

G1A03

On which of the following bands is image transmission prohibited?

- A. 160 meters
- B. 30 meters
- C. 20 meters
- D. 12 meters

G1A04

Which of the following amateur bands is restricted to communication only on specific channels, rather than frequency ranges?

- A. 11 meters
- B. 12 meters
- C. 30 meters
- D. 60 meters

Answers pg. 2

HELP COMING FOR POORLY TRANSLATED MANUALS



By [K5KVN](#), on the scene

SAN FRANCISCO, Calif. — Ham radio manufacturers have inked a deal with the popular language learning software Rosetta Stone, in an effort to ease frustrations with poorly translated programming manuals.

Baowood marketing officer Lin Rosen admitted that a problem exists but they can't change the manuals. "Our hands are tied! We have a long-term contract with the translators of our manuals. We can't change them."

A Yaecom official who wished to remain anonymous agreed. "We have a manual that reads 'celebrate the aerial about the transmission.' I have NO IDEA know what that means."

The solution, according to radio manufacturers, is not to change the manual but teach customers the additional languages. Beginning in 2014, most major radio manufacturers will ship the software for free with new radio purchases.

In addition to handling all "traditional" languages such as Chinese, Spanish and French, the software package will also help with the troublesome "broken English."

Only one radio manufacturer did not take part in the agreement. [Peanut Whistle Transmitters](#), whose popular [QRM modules](#) and [radios with celebrity catchphrases](#) are gaining popularity, said they will continue to offer their manuals in three variations, unique to their brand: Cajun, Southern Slang and Pig Latin.

hamhijinks.com

Four What?

Recently at the ARES workshop on emergency power we were talking about the type of outputs you find on generators and inverters. In particular True Sine Wave vs Square or Modified Sine Wave output.

We had an Oscilloscope and looked at the output wave from an inexpensive inverter labeled as having a modified sine output (Fig 1). Compare that to the waveshapes for a Square Wave (Fig 2) and True Sine Wave (Fig 3). The Modified Sine Wave has parts of both the Square and Sine waves.

The Square Wave is usually considered to ride on 0V. In this case the bottom of the wave is 0V and the top is 12V. The Modified Sine Wave still has the squared off sides and top as the Square wave, but is vertically centered around 0V. Roughly half the wave is above 0V and the other half is below 0V. This is similar to the Sine Wave, hence the name Modified Sine Wave.

Ok, the Sine wave has a smooth up and down motion vs the abrupt up and down sides on the Modified Sine Wave, but why should we care? The maker of the Modified Sine Wave equipment does so because it is much cheaper to design and build than a True Sine Wave inverter – roughly half the cost. So, we can save a lot of money. Is there a downside?

Yes. And that gets us back to the title of this article. Fourier analysis reveals the problem with both the Square and Modified Sine wave outputs. Fourier Analysis is named after the French mathematician and physicist, Jean Fourier. Fourier discovered that if you took many sine waves, each an odd multiple of the first, and added them together, the result will be a square wave. If you look at the inverse of that, it says that a square wave contains many sine waves of different frequencies.

OK, let's define a few terms. The Fundamental Frequency is the base frequency. Harmonic Frequencies are multiples of the Fundamental. So, what Fourier discovered is that you can get a sine wave by adding a fundamental and the odd harmonics. Again, the inverse is that a square wave contains all the odd harmonics. If we put this back in terms of the inverter we started with, 60 Hz is the fundamental, and the output modified sine wave will also contain the odd harmonics of 60, such as 180, 300, 420, and so on. When you consider that your radio's receiver can work with signals as small as micro-volts, any little bit of harmonic energy from the inverter that falls in the ham bands will cause an increase in noise and make it harder to hear your contact. And that's why we care.

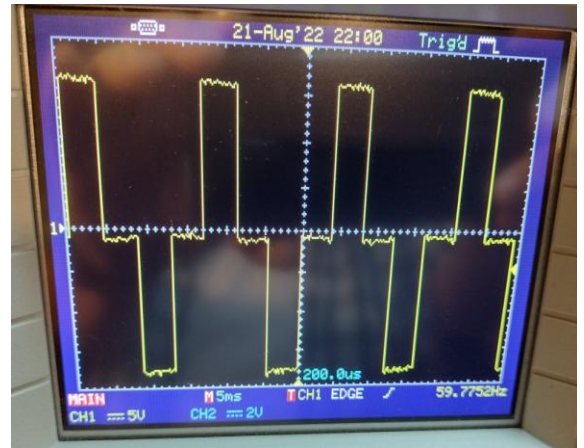


Figure 1

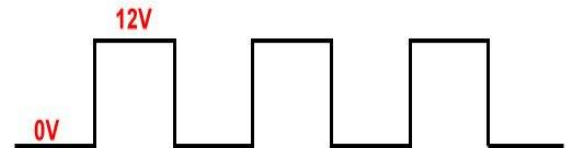


Figure 2

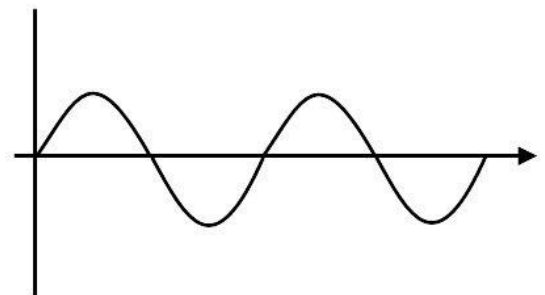


Figure 3

Contest and Special Event Operating Information

Dave Fairbanks N8NB

Data below as well as more information courtesy of the following website:

<http://www.contestcalendar.com>.

September 2022

+ CWops Test	0300Z-0400Z, Sep 1
+ CWops Test	0700Z-0800Z, Sep 1
+ RTTYOPS Weeksprint	1700Z-1900Z, Sep 1
+ NRAU 10m Activity Contest	1700Z-1800Z, Sep 1 (CW) and 1800Z-1900Z, Sep 1 (SSB) and 1900Z-2000Z, Sep 1 (FM) and 2000Z-2100Z, Sep 1 (Dig)
+ SKCC Sprint Europe	1900Z-2100Z, Sep 1
+ G3ZQS Memorial Straight Key Contest	2300Z, Sep 1 to 2300Z, Sep 3
+ NCCC RTTY Sprint	0145Z-0215Z, Sep 2
+ NCCC Sprint Ladder	0230Z-0300Z, Sep 2
+ K1USN Slow Speed Test	2000Z-2100Z, Sep 2
+ Russian RTTY WW Contest	0000Z-2359Z, Sep 3
+ CWOps CW Open	0000Z-0359Z, Sep 3
+ All Asian DX Contest, Phone	0000Z, Sep 3 to 2400Z, Sep 4
+ Wake-Up! QRP Sprint	0600Z-0629Z, Sep 3 and 0630Z-0659Z, Sep 3 and 0700Z-0729Z, Sep 3 and 0730Z-0800Z, Sep 3
+ SARL Field Day Contest	0800Z, Sep 3 to 1000Z, Sep 9
+ CWOps CW Open	1200Z-1559Z, Sep 3
+ RSGB SSB Field Day	1300Z, Sep 3 to 1300Z, Sep 4
+ AGCW Straight Key Party	1300Z-1600Z, Sep 3
+ IARU Region 1 Field Day, SSB	1300Z, Sep 3 to 1259Z, Sep 4
+ Colorado QSO Party	1300Z, Sep 3 to 0400Z, Sep 4
+ IARU Region 1 145 MHz Contest	1400Z, Sep 3 to 1400Z, Sep 4
+ CWOps CW Open	2000Z-2359Z, Sep 3
+ PODXS 070 Club Jay Hudak Memorial 80m Sprint	2000Z, Sep 3 to 2000Z, Sep 4
+ WAB 144 MHz QRO Phone	1000Z-1400Z, Sep 4
+ Tennessee QSO Party	1800Z, Sep 4 to 0300Z, Sep 5
+ K1USN Slow Speed Test	0000Z-0100Z, Sep 5
+ ICWC Medium Speed Test	1300Z-1400Z, Sep 5
+ OK1WC Memorial	1630Z-1729Z, Sep 5
+ RSGB 80m Autumn Series, SSB	1900Z-2030Z, Sep 5
+ ICWC Medium Speed Test	1900Z-2000Z, Sep 5
+ MI QRP Labor Day CW Sprint	2300Z, Sep 5 to 0300Z, Sep 6
+ Worldwide Sideband Activity Contest	0100Z-0159Z, Sep 6
+ ARS Spartan Sprint	0100Z-0300Z, Sep 6
+ ICWC Medium Speed Test	0300Z-0400Z, Sep 6
+ RTTYOPS Weeksprint	1700Z-1900Z, Sep 6
+ Phone Weekly Test	0230Z-0300Z, Sep 7
+ A1Club AWT	1200Z-1300Z, Sep 7
+ CWops Test	1300Z-1400Z, Sep 7
+ Mini-Test 40	1700Z-1759Z, Sep 7
+ VHF-UHF FT8 Activity Contest	1700Z-2100Z, Sep 7

+ Mini-Test 80	1800Z-1859Z, Sep 7
+ CWops Test	1900Z-2000Z, Sep 7
+ UKEICC 80m Contest	2000Z-2100Z, Sep 7
+ Walk for the Bacon QRP Contest	0000Z-0100Z, Sep 8 and 0200Z-0300Z, Sep 9
+ CWops Test	0300Z-0400Z, Sep 8
+ CWops Test	0700Z-0800Z, Sep 8
+ RTTYOPS Weeksprint	1700Z-1900Z, Sep 8
+ EACW Meeting	1900Z-2000Z, Sep 8
+ NCCC RTTY Sprint	0145Z-0215Z, Sep 9
+ NCCC Sprint Ladder	0230Z-0300Z, Sep 9
+ K1USN Slow Speed Test	2000Z-2100Z, Sep 9
+ FOC QSO Party	0000Z-2359Z, Sep 10
+ WAE DX Contest, SSB	0000Z, Sep 10 to 2359Z, Sep 11
+ YB7-DX Contest	0900Z, Sep 10 to 1400Z, Sep 11
+ SKCC Weekend Sprintathon	1200Z, Sep 10 to 2400Z, Sep 11
+ Ohio State Parks on the Air	1400Z-2200Z, Sep 10
+ Russian Cup Digital Contest	1500Z-1859Z, Sep 10 and 0600Z-0959Z, Sep 11
+ Alabama QSO Party	1500Z, Sep 10 to 0300Z, Sep 11
+ ARRL September VHF Contest	1800Z, Sep 10 to 0300Z, Sep 12
+ North American Sprint, CW	0000Z-0400Z, Sep 11
+ K1USN Slow Speed Test	0000Z-0100Z, Sep 12
+ 4 States QRP Group Second Sunday Sprint	0000Z-0200Z, Sep 12
+ ICWC Medium Speed Test	1300Z-1400Z, Sep 12
+ OK1WC Memorial	1630Z-1729Z, Sep 12
+ ICWC Medium Speed Test	1900Z-2000Z, Sep 12
+ Worldwide Sideband Activity Contest	0100Z-0159Z, Sep 13
+ ICWC Medium Speed Test	0300Z-0400Z, Sep 13
+ RTTYOPS Weeksprint	1700Z-1900Z, Sep 13
+ Phone Weekly Test	0230Z-0300Z, Sep 14
+ A1Club AWT	1200Z-1300Z, Sep 14
+ CWops Test	1300Z-1400Z, Sep 14
+ Mini-Test 40	1700Z-1759Z, Sep 14
+ VHF-UHF FT8 Activity Contest	1700Z-2100Z, Sep 14
+ Mini-Test 80	1800Z-1859Z, Sep 14
+ RSGB 80m Autumn Series, CW	1900Z-2030Z, Sep 14
+ CWops Test	1900Z-2000Z, Sep 14
+ NAQCC CW Sprint	0030Z-0230Z, Sep 15
+ CWops Test	0300Z-0400Z, Sep 15
+ CWops Test	0700Z-0800Z, Sep 15
+ RTTYOPS Weeksprint	1700Z-1900Z, Sep 15
+ BCC QSO Party	1800Z-1959Z, Sep 15
+ NTC QSO Party	1900Z-2000Z, Sep 15
+ NCCC RTTY Sprint	0145Z-0215Z, Sep 16
+ NCCC Sprint Ladder	0230Z-0300Z, Sep 16
+ K1USN Slow Speed Test	2000Z-2100Z, Sep 16
+ AGB NEMIGA Contest	2100Z-2400Z, Sep 16
+ ARRL EME Contest	0000Z, Sep 17 to 2359Z, Sep 18


+ SARL VHF/UHF Digital Contest	0300Z-0500Z, Sep 17 (6m) and 0500Z-0700Z, Sep 17 (2m) and 0700Z-0900Z, Sep 17 (70cm) and 0300Z-0500Z, Sep 18 (2m) and 0500Z-0700Z, Sep 18 (6m) and 0700Z-0900Z, Sep 18 (70cm)
+ ARRL 10 GHz and Up Contest	0600 local, Sep 17 to 2400 local, Sep 18
+ Scandinavian Activity Contest, CW	Cancelled for 2022
+ Iowa QSO Party	1400Z, Sep 17 to 0200Z, Sep 18
+ Texas QSO Party	1400Z, Sep 17 to 0200Z, Sep 18 and 1400Z-2000Z, Sep 18
+ QRP Afield	1500Z-2100Z, Sep 17
+ Wisconsin Parks on the Air	1600Z-2300Z, Sep 17
+ Washington State Salmon Run	1600Z, Sep 17 to 0700Z, Sep 18 and 1600Z-2400Z, Sep 18
+ New Jersey QSO Party	1600Z, Sep 17 to 0359Z, Sep 18
+ New Hampshire QSO Party	1600Z, Sep 17 to 0400Z, Sep 18 and 1600Z-2200Z, Sep 18
+ Feld Hell Sprint	1800Z-1959Z, Sep 17
+ North American Sprint, RTTY	0000Z-0400Z, Sep 18
+ BARTG Sprint PSK63 Contest	1700Z-2059Z, Sep 18
+ Run for the Bacon QRP Contest	2300Z, Sep 18 to 0100Z, Sep 19
+ K1USN Slow Speed Test	0000Z-0100Z, Sep 19
+ ICWC Medium Speed Test	1300Z-1400Z, Sep 19
+ OK1WC Memorial	1630Z-1729Z, Sep 19
+ ICWC Medium Speed Test	1900Z-2000Z, Sep 19
+ 144 MHz Fall Sprint	1900 local - 2300 local, Sep 19
+ Worldwide Sideband Activity Contest	0100Z-0159Z, Sep 20
+ ICWC Medium Speed Test	0300Z-0400Z, Sep 20
+ RTTYOPS Weeksprint	1700Z-1900Z, Sep 20
+ Phone Weekly Test	0230Z-0300Z, Sep 21
+ A1Club AWT	1200Z-1300Z, Sep 21
+ CWops Test	1300Z-1400Z, Sep 21
+ Mini-Test 40	1700Z-1759Z, Sep 21
+ VHF-UHF FT8 Activity Contest	1700Z-2100Z, Sep 21
+ Mini-Test 80	1800Z-1859Z, Sep 21
+ CWops Test	1900Z-2000Z, Sep 21
+ Walk for the Bacon QRP Contest	0000Z-0100Z, Sep 22 and 0200Z-0300Z, Sep 23
+ CWops Test	0300Z-0400Z, Sep 22
+ CWops Test	0700Z-0800Z, Sep 22
+ RTTYOPS Weeksprint	1700Z-1900Z, Sep 22
+ RSGB 80m Autumn Series, Data	1900Z-2030Z, Sep 22
+ NCCC RTTY Sprint	0145Z-0215Z, Sep 23
+ NCCC Sprint Ladder	0230Z-0300Z, Sep 23
+ K1USN Slow Speed Test	2000Z-2100Z, Sep 23
+ CQ Worldwide DX Contest, RTTY	0000Z, Sep 24 to 2400Z, Sep 25
+ Maine QSO Party	1200Z, Sep 24 to 1200Z, Sep 25
+ Masonic Lodges on the Air	1400Z-2200Z, Sep 24
+ AGCW VHF/UHF Contest	1400Z-1700Z, Sep 24 (144) and 1700Z-1800Z, Sep 24 (432)
+ AWA Amplitude Modulation QSO Party	2200Z, Sep 24 to 2200Z, Sep 25

+ UBA ON Contest, 6m	0700Z-1000Z, Sep 25
+ K1USN Slow Speed Test	0000Z-0100Z, Sep 26
+ ICWC Medium Speed Test	1300Z-1400Z, Sep 26
+ QCX Challenge	1300Z-1400Z, Sep 26
+ OK1WC Memorial	1630Z-1729Z, Sep 26
+ RSGB FT4 Contest	1900Z-2030Z, Sep 26
+ ICWC Medium Speed Test	1900Z-2000Z, Sep 26
+ QCX Challenge	1900Z-2000Z, Sep 26
+ Worldwide Sideband Activity Contest	0100Z-0159Z, Sep 27
+ ICWC Medium Speed Test	0300Z-0400Z, Sep 27
+ QCX Challenge	0300Z-0400Z, Sep 27
+ RTTYOPS Weeksprint	1700Z-1900Z, Sep 27
+ 222 MHz Fall Sprint	1900 local - 2300 local, Sep 27
+ SKCC Sprint	0000Z-0200Z, Sep 28
+ Phone Weekly Test	0230Z-0300Z, Sep 28
+ A1Club AWT	1200Z-1300Z, Sep 28
+ CWops Test	1300Z-1400Z, Sep 28
+ Mini-Test 40	1700Z-1759Z, Sep 28
+ Mini-Test 80	1800Z-1859Z, Sep 28
+ CWops Test	1900Z-2000Z, Sep 28
+ UKEICC 80m Contest	2000Z-2100Z, Sep 28
+ CWops Test	0300Z-0400Z, Sep 29
+ CWops Test	0700Z-0800Z, Sep 29
+ RTTYOPS Weeksprint	1700Z-1900Z, Sep 29
+ NCCC RTTY Sprint	0145Z-0215Z, Sep 30
+ NCCC Sprint Ladder	0230Z-0300Z, Sep 30
+ K1USN Slow Speed Test	2000Z-2100Z, Sep 30

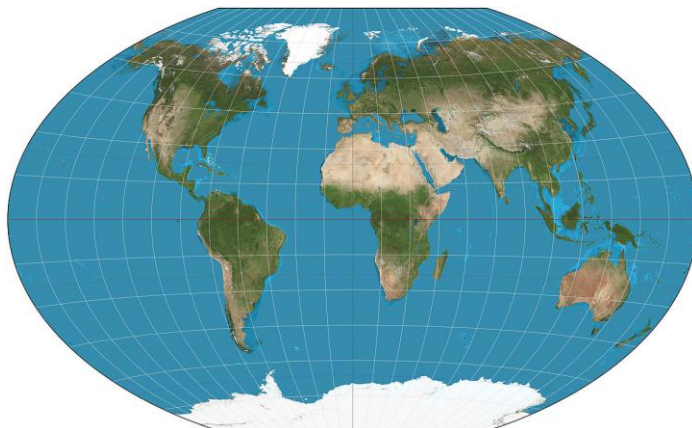
DX Operating Information

Dave Fairbanks N8NB

Credit for the below information and further information on these operations and others can be found at the following website: <http://www.ng3k.com>

September						
2022 Sep01	2022 Sep05	Faroe Is	OY	EB7DX	DXW.Net 20220811	By MM0NDX as OY/MM0NDX and MM0OKG as OY/MM0OKG fm Rituvik; HF; various modes; verticals
2022 Sep03	2022 Sep05	Ogasawara	JD1BOW	JA0JHQ	DXW.Net 20220718	By JA0JHQ; 160-2m; CW SSB + digital; 100w; vertical, delta loop, end-fed wires
2022 Sep04	2022 Sep11	Dodecanese	SV5	LoTW	TDDX 20220811	By PG5M as SV9/PG5M; 40-10m; CW; holiday style operation
2022 Sep04	2022 Sep18	Burkina Faso	XT2AW	M0OXO	TDDX 20220816	By DF2WO fm Ouagadougou; HF; FT8 SSB CW; 100w; vertical, dipole, Hexbeam
2022 Sep06	2022 Sep20	Iceland	TF 	LoTW	DXW.Net 20220825	By K5KG as TF/K5KG; HF; QRV for various contests; also TF/K4EU and TF/K4NMR

2022 Sep09	2022 Sep12	Kosovo	Z66XX <small>NEW</small>	DL2JRM (B/d)	TDDX 20220822	By DL2JRM fm Gjilan; HF; 100w; ground plane; QRV for WAE SSB
2022 Sep09	2022 Sep21	Chatham I	ZL7	Club Log OQRS	K5WE 20220527	By K5WE KD5GEY as ZL7/K5WE fm Kaingaroa; 160-10m, incl 60m; CW FT8 FT4 SSB RTTY; 500w; Hexbeam, vertical; see Web page for full QSL details
2022 Sep10	2022 Sep23	Dodecanese	SV5	LoTW	TDDX 20220803	By HB9OAU as SV5/HB9OAU; 80-6m; SSB RTTY FT8; QSL via HB9OAU Buro or direct w/ SAE + 3USD
2022 Sep10	2022 Sep25	Curacao	PJ2	LoTW	TDDX 20220809	By PH2M as PJ2/PH2M; 60-6m; mainly FT8; QSL via PH2M (B/d)
2022 Sep15	2022 Sep17	Kosovo	Z68EE <small>NEW</small>	OZ2I	DXW.Net 20220822	By OZ1BII fm Prisina; HF; CW
2022 Sep15	2022 Sep30	Minami Torishima	JD1	JA8CJY Direct	DXW.Net 20220812	By JG8NQJ as JG8NQJ/JD1 fm Marcus I (IOTA OC-073, QL64xg); HF, w/ focus on 17 15m; CW; 50w; spare time operation; operation to continue for 3 months
2022 Sep16	2022 Sep28	San Andres & Providencia	5K0T	Club Log OQRS	TDDX 20220516	By LU1FM LU9FHF LU7MT LU8YD fm San Andres I; 80-6m; CW SSB
2022 Sep16	2022 Oct16	Chagos	VQ9SC <small>NEW</small>	WB2REM	WB2REM 20220826	By WB4GHY; 160-10m; FT8 (mainly f/h) SSB; spare time operation; to continue until Nov 6
2022 Sep17	2022 Sep20	Monaco	3A	LoTW	DXW.Net 20220817	By F5LIT as 3A/F5LIT; HF
2022 Sep19	2022 Sep26	Svalbard	JW0A		TDDX 20220714	By N4XP AA4NN HI8RD K4NHW N4HU WB4JTT W6IZT W8HC YV5EED; @JW5E; 160-6m; SSB CW RTTY FT8



Jamboree On The Air

Anthony Luscre, K8ZT, OH Section Youth Coordinator

The 64th Annual Jamboree On The Air will be held on October 14-16, 2022. Jamboree-on-the-Air, or JOTA, is the largest Scouting event in the world. It is held annually on the third full weekend in October. JOTA uses amateur radio to link Scouts and hams around the world, around the nation, and in your community.

This jamboree requires no travel other than to a nearby amateur radio operator's ham shack. Many times you can find the hams will come to you by setting up a station at your Scout camporee, at the park down the block, or perhaps at a ham shack already set up at your council's camp.

To find registered JOTA stations in your area, visit <https://k2bsa.net/registered-jamboree-on-the-air-stations>. If you or your local club is planning a JOTA operation, you can register it at <https://k2bsa.net/jota-station-registration>.

For additional information on planning your JOTA operations, visit:

- JOTA- www.scouting.org/jota
- JOTA- www.arrl.org/jamboree-on-the-air-jota
- JOTA- www.jotajoti.info
- JOTA- <https://k2bsa.net/jota>
- JOTA [suggested frequencies](#)
- JOTA [sample questions](#)

For additional information on Scouting and Amateur Radio, visit:

- Scouting & Amateur Radio- Ideas & Resources- tiny.cc/ar-scout
- [Radio Merit Badge](#)
- [Girls Scouts Radio Patch](#)
- [Troop Program Feature: Radio](#)

See one of my previous articles on JOTA & Scouting in AR at tiny.cc/ar-scout.

A handout/scannable sheet of resources for JOTA attendees or any youth activity- tiny.cc/hry



Photo: Scouting.org

THE LAST WORD

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The **VOICE COIL** is the monthly publication of the Mahoning Valley Amateur Radio Association, Inc. (MVARA) and is intended to present news, issues and opinions of interest to MVARA members and the Amateur Radio Community. We encourage contributions of articles, letters to the editor, etc. and welcome newsletter exchanges with other clubs from around the country and around the world.

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MVARAVoiceCoil@gmail.com

Submissions must be received **no later than the 24th** of the month prior to the month of issue, unless otherwise specified. **Submissions should be in MS Word format or ASCII text—no PDF, please!** Material received after the deadline will be used in the next month's VOICE COIL if it is still current and /or newsworthy.

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The Voice Coil