

July 2021 Our 102th Year Volume 59, Issue 7

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

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

The Voice Coil How Did Field Day Begin?

In 1933, QST magazine ran a one column announcement stated that for 27 hours starting on the second Saturday in June at 4 PM local time, there would be an opportunity for "portables" to go into the field to contact as many stations as possible.

F. E. Handy, W1BDI, said in the announcement, "The real object of this contest is to test portable stations wherever they may be available. If successful, we want to make this an annual affair."

To score the event each QSO with fixed stations will count as 1 point, contacts with other portables will count as 2 points, and DX contacts count as 3 points, Multiply QSO points by the total number of ARRL sections, plus countries worked for the final score.

The September 1933 QST announced the winner of the First Annual Field Day was a non-club group using the call sign W4PAW. Club members made 62 QSOs and had a multiplier of 28 sections/ countries for a grand total of 1876 points. The Central Illinois Radio Club w9zzal toped the QSO totals with 98.

What's the ZZ all about? Well, until 1933 it had been necessary to get a special license to operate portable, and these licenses all had the suffixes starting with ZZ.



This was the 88th year of Field Day. The rules are being tweaked and reshaped (especially the last two years) but it's always been a fun weekend since the beginning.

Scott, KE4UHC



Monthly meeting July 8, 7pm.

In person at GOP HQ 8381 Market St. Boardman, OH 44512.

Meeting will also be shared on Zoom.

2021 Officers

President: Scott Wilton, KE4UHC Vice President: Mike McCleery, K8PRR Secretary: Ray Bishop, W8CSM, Treasurer: Dean DeMain, W8YSU Trustees: Joe Vasco, N8SEJ

Mark Haverstock, K8MSH Andy Brinco, WA8ZLK John DeGutis, N8LVA

Newsletter Editor: Mark Haverstock, K8MSH

Awards Manager: Dave Fairbanks, N8NB, 330.759.6993, 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, <u>W8YSU@arrl.net</u> 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: <u>mvara.w8qly@gmail.com</u>

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.

July Program—Pizza, Pizza



For our July meeting we will be doing the Field Day debrief. Each year after Field Day the club does a debrief meeting to go over the highs and lows of Field Day for that year. We usually do the meeting in one of the local pizza shops and most of the folks that were active for Field Day are present.

This year it hit us, the club meeting is only 10 days after Field Day, why not hold the debrief as part of our regular meeting on July 8th? So the plan is we will bring in six or eight pizzas for the meeting and hold our debrief during the meeting. Of course if you are philosophically opposed to pizza, feel free to bring your own snack.

Net Gain

How many times have you thought "I could do that." Well now's your chance – for the Monday night MVARA Good news And Information Net.

We have currently have three people as Net Control and welcome anybody willing to give it a try. We have a script to read from & a list of frequent check-ins to make it easier. And if you would want to do a practice session that can be easily arranged.

It's not hard to be Net Control-- if you make a mistake so what, nobody's perfect. So give it some thought, then send an email to us at <u>mvara.w8qly@gmail.com</u> to get started.

Mike – K8PRR

Answers: E2E01 (B)E2E02 (A)G6A01 (C)G6A02 (B)

Current Activities

July 6: VE testing, 7pm, GOP HQ.

July 8: Monthly meeting, 7pm, GOP HQ and Zoom. FD debrief

Comments, Questions?

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

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

HAMFEST CALENDAR (Always subject to change—check before you go)

07/10/2021 - MANSFIELD Mid-Summer Trunkfest - Location: Richland County Fairgrounds - 750 N. Home Road - MANSFIELD, OH 44901 - Website: http://WWW.IARC.CLUB - Sponsor: Intercity Amateur Radio Club - Public Contact: Danny Bailey , W8DLB - 70 Euclid Street Shiloh, OH 44878 -Phone: 419-541-8557 - Email: W8DLB113@GMAIL.COM - Learn More http://www.arrl.org/hamfests/mansfiled-mid-summertrunkfest

07/17/2021 - NOARSFEST Location: Elyria, OH Sponsor: Northern Ohio Amateur Radio Society Website: http://noars.net . Learn More http://www.arrl.org/hamfests/noarsfest-8

08/07/2021 Columbus Hamfest - Location: Grove City, OH Sponsor: Aladdin Shrine Audio Unit Website: http://columbushamfest.com . 09/12/2021 - Findlay Hamfest - Location: Findlay, OH - Sponsor: Findlay Radio Club - Website: http://www.findlayradioclub.org/hamfest - Learn More <u>http://www.arrl.org/hamfests/findlay-hamfest-8</u>

09/26/2021 - Cleveland Hamfest - Location: Cuyahoga County Fairgrounds - 164 Eastland Road - Berea, OH 44017 - Website: http://www.hac.org - Public Contact: Mathew Nickoson, KC8NZJ - PO BOX 201173 Shaker Heights, OH 44120 - Phone: 8002533378 (800-CLE-FEST) - Email: kc8nzj@hac.org Learn More http://www.arrl.org/hamfests/cleveland-hamfest-1

10/2/2021 - 10th Annual Vette City Hamfest, ARRL Great Lakes Division Convention Location: Western Kentucky University Knicely Conference Center - 2355 Nashville Rd. - Bowling Green , KY 42101 - Website: https://ky4bg.com - Sponsor: Kentucky Colonels Amateur Radio Club - Talk-In: 147.330 P.L. 107.2 - Contact: Frank Armstrong , KI4HEJ - 1622 Flanigan Ct. #4 Bowling Green, KY 42104 -Phone: 270-991-9768 - Email: frankarmstrong@insightbb.com

10/31/2021 - Massillon Hamfest - Location: Green, OH - Sponsor: Massillon Amateur Radio Club - Website: http://w8np.or Learn More <u>http://www.arrl.org/hamfests/massillon-ohio-hamfest</u>

Swap and Shop

1--W2NAN: True-Talk G5RV Jr. [51-ft] (company assembled w/17-ft 300-ohm and 70-ft cable & conn) 2--ALPHA DELTA: dx-40 3--HY POWER: (two) fsd40 4--HY POWER: triwarc (only 30 & 17m/NO 12m)

Continued pg. 12



Field Day— Yesterday and Today

< Field Dav. 1939. Hamfester's Radio Club.

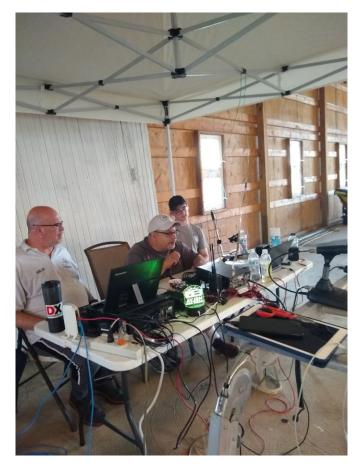
MVARA Field Day—Mill Creek Metro Park, 2021



Dean DeMain, right, a 31-year Mahoning Valley Amateur Radio Association member, records communications he made during the MVARA's Field Day on Sunday at the Mill Creek MetroParks Farm in Canfield, as Joe Vasko, a 25-year club member, assists. DeMain spoke with another amateur radio operator in Toronto, he said.

Association members used a network of computers, power supplies, hand-held microphones, sophisticated radios and antennas to communicate with other operators near and far.

From the The Vindicator, June 28, 2021























Contest and Special Event Operating Information Dave Fairbanks N8NB

Data below as well as more information courtesy of the following website: <u>http://www.hornucopia.com/contestcal/index.html</u>.

July 2021	
+ RAC Canada Day Contest	0000Z-2359Z, Jul 1
+ CWops Mini-CWT Test	0300Z-0400Z, Jul 1
🗄 CWops Mini-CWT Test	0700Z-0800Z, Jul 1
NRAU 10m Activity Contest	1700Z-1800Z, Jul 1 (CW) and 1800Z-1900Z, Jul 1 (SSB) and 1900Z-2000Z, Jul 1 (FM) and 2000Z-2100Z, Jul 1 (Dig)
+ RTTYOPS Weeksprint	1700Z-1900Z, Jul 1
± EACW Meeting	1900Z-2000Z, Jul 1
± SKCC Sprint Europe	1900Z-2100Z, Jul 1
± QRP Fox Hunt	0100Z-0230Z, Jul 2
NCCC RTTY Sprint	0145Z-0215Z, Jul 2
+ NCCC Sprint	0230Z-0300Z, Jul 2
+ K1USN Slow Speed Test	2000Z-2100Z, Jul 2
+ DL-DX RTTY Contest	1100Z, Jul 3 to 1059Z, Jul 4
Two-Meter Classic Sprint	1300Z-1330Z, Jul 3
🗄 Marconi Memorial HF Contest	1400Z, Jul 3 to 1400Z, Jul 4
+ TA VHF/UHF Contest	1500Z, Jul 3 to 1500Z, Jul 4
+ Original QRP Contest	1500Z, Jul 3 to 1500Z, Jul 4
PODXS 070 Club 40m Firecracker Sprint	2000Z, Jul 3 to 2000Z, Jul 4
± K1USN Slow Speed Test	0000Z-0100Z, Jul 5
ERSGB 80m Club Championship, CW	1900Z-2030Z, Jul 5
Worldwide Sideband Activity Contest	0100Z-0159Z, Jul 6
± ARS Spartan Sprint	0100Z-0300Z, Jul 6
+ RTTYOPS Weeksprint	1700Z-1900Z, Jul 6
+ Phone Weekly Test - Fray	0230Z-0300Z, Jul 7
± CWops Mini-CWT Test	1300Z-1400Z, Jul 7
+ VHF-UHF FT8 Activity Contest	1700Z-2000Z, Jul 7
± CWops Mini-CWT Test	1900Z-2000Z, Jul 7
+ Walk for the Bacon QRP Contest	0000Z-0100Z, Jul 8 and 0200Z-0300Z, Jul 9
± CWops Mini-CWT Test	0300Z-0400Z, Jul 8
± CWops Mini-CWT Test	0700Z-0800Z, Jul 8
RTTYOPS Weeksprint	1700Z-1900Z, Jul 8
+ EACW Meeting	1900Z-2000Z, Jul 8
• QRP Fox Hunt	0100Z-0230Z, Jul 9
NCCC RTTY Sprint	0145Z-0215Z, Jul 9
+ K1USN Slow Speed Test	2000Z-2100Z, Jul 9

+ NCCC Sprint	0230Z-0300Z, Jul 9
+ K1USN Slow Speed Test	2000Z-2100Z, Jul 9
+ IARU HF World Championship	1200Z, Jul 10 to 1200Z, Jul 11
+ SKCC Weekend Sprintathon	1200Z, Jul 10 to 2400Z, Jul 11
+ QRP ARCI Summer Homebrew Sprint	2000Z-2300Z, Jul 11
+ K1USN Slow Speed Test	0000Z-0100Z, Jul 12
+ 4 States QRP Group Second Sunday Sprint	0000Z-0200Z, Jul 12
+ Worldwide Sideband Activity Contest	0100Z-0159Z, Jul 13
+ RTTYOPS Weeksprint	1700Z-1900Z, Jul 13
+ Phone Weekly Test - Fray	0230Z-0300Z, Jul 14
+ CWops Mini-CWT Test	1300Z-1400Z, Jul 14
+ VHF-UHF FT8 Activity Contest	1700Z-2000Z, Jul 14
+ CWops Mini-CWT Test	1900Z-2000Z, Jul 14
+ RSGB 80m Club Championship, SSB	1900Z-2030Z, Jul 14
+ NAQCC CW Sprint	0030Z-0230Z, Jul 15
+ CWops Mini-CWT Test	0300Z-0400Z, Jul 15
± CWops Mini-CWT Test	0700Z-0800Z, Jul 15
+ RTTYOPS Weeksprint	1700Z-1900Z, Jul 15
+ EACW Meeting	1900Z-2000Z, Jul 15
+ QRP Fox Hunt	0100Z-0230Z, Jul 16
+ NCCC RTTY Sprint	0145Z-0215Z, Jul 16
+ NCCC Sprint	0230Z-0300Z, Jul 16
+ K1USN Slow Speed Test	2000Z-2100Z, Jul 16
+ Russian Radio Team Championship	0700Z-1459Z, Jul 17
+ Trans-Tasman Low-Bands Challenge	0800Z-1400Z, Jul 17
+ Feld Hell Sprint	1200Z-1359Z, Jul 17
HARU Region 1 70 MHz Contest	1400Z, Jul 17 to 1400Z, Jul 18
H North American QSO Party, RTTY	1800Z, Jul 17 to 0559Z, Jul 18
+ CQ Worldwide VHF Contest	1800Z, Jul 17 to 2100Z, Jul 18
+ RSGB International Low Power Contest	0900Z-1200Z and 1300Z-1600Z, Jul 18
+ YOTA Contest	1000Z-2159Z, Jul 18
± CQC Great Colorado Gold Rush	2000Z-2159Z, Jul 18
\pm Run for the Bacon QRP Contest	2300Z, Jul 18 to 0100Z, Jul 19
± K1USN Slow Speed Test	0000Z-0100Z, Jul 19
Worldwide Sideband Activity Contest	0100Z-0159Z, Jul 20
ATTYOPS Weeksprint	1700Z-1900Z, Jul 20
+ Phone Weekly Test - Fray	0230Z-0300Z, Jul 21
CWops Mini-CWT Test	1300Z-1400Z, Jul 21
<u>+</u> CWops Mini-CWT Test	1900Z-2000Z, Jul 21
CWops Mini-CWT Test	0300Z-0400Z, Jul 22
+ CWops Mini-CWT Test	0700Z-0800Z, Jul 22
ATTYOPS Weeksprint	1700Z-1900Z, Jul 22

• EACW Meeting	1900Z-2000Z, Jul 22
🗄 RSGB 80m Club Championship, Data	1900Z-2030Z, Jul 22
🛨 QRP Fox Hunt	0100Z-0230Z, Jul 23
NCCC RTTY Sprint	0145Z-0215Z, Jul 23
+ NCCC Sprint	0230Z-0300Z, Jul 23
K1USN Slow Speed Test	2000Z-2100Z, Jul 23
• RSGB IOTA Contest	1200Z, Jul 24 to 1200Z, Jul 25
ARS Flight of the Bumblebees	1700Z-2100Z, Jul 25
K1USN Slow Speed Test	0000Z-0100Z, Jul 26
QCX Challenge	1300Z-1400Z, Jul 26
RSGB FT4 Contest Series	1900Z-2030Z, Jul 26
QCX Challenge	1900Z-2000Z, Jul 26
Worldwide Sideband Activity Contest	0100Z-0159Z, Jul 27
QCX Challenge	0300Z-0400Z, Jul 27
RTTYOPS Weeksprint	1700Z-1900Z, Jul 27
🗄 SKCC Sprint	0000Z-0200Z, Jul 28
🛨 Phone Weekly Test - Fray	0230Z-0300Z, Jul 28
🛨 CWops Mini-CWT Test	1300Z-1400Z, Jul 28
🛨 CWops Mini-CWT Test	1900Z-2000Z, Jul 28
🛨 CWops Mini-CWT Test	0300Z-0400Z, Jul 29
🛨 CWops Mini-CWT Test	0700Z-0800Z, Jul 29
RTTYOPS Weeksprint	1700Z-1900Z, Jul 29
• EACW Meeting	1900Z-2000Z, Jul 29
🛨 QRP Fox Hunt	0100Z-0230Z, Jul 30
NCCC RTTY Sprint	0145Z-0215Z, Jul 30
NCCC Sprint	0230Z-0300Z, Jul 30
K1USN Slow Speed Test	2000Z-2100Z, Jul 30
🛨 Feld Hell Sprint	0000Z-2359Z, Jul 31
Russian WW MultiMode Contest	1200Z, Jul 31 to 1159Z, Aug 1
🗄 Missouri QSO Party	1400Z, Jul 31 to 0400Z, Aug 1 and
	1400Z-2000Z, Aug 1
🛨 WAB 144 MHz Low Power Phone	1400Z-1800Z, Jul 31

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: <u>http://www.ng3k.com</u>

July						
2021 Jul04	2021 Jul17	British Virgin Is	VP2V	K3TRM	<u>DXW.Net</u> 20210603	By K3TRM as VP2V/K3TRM fm Tortola; 40-6m; SSB RTTY FT8 + satellite
2021 Jul07	2021 Jul12	Alaska	<u>KL7RRC</u>	N7RO	<u>TDDX</u> 20210420	By N7QT W8HC NL8F N3QQ fm Kiska I (IOTA NA-070); 40-6m; CW SSB FT8 (f/h)

2021 Jul07	2021 Jul14	Aruba	<u>P4</u>	ND7J	ND7J 20190722	By ND7J as P4/ND7J and N4IQ as P4/N4IQ; QRV for IARU Contest
2021 Jul09	2021 Jul13	Alaska	KL7	LoTW	<u>DXNews</u> 20210614	By W1AW/KL7 Team as W1AW/KL7; HF; QRV for IARU HF Championship; QSL via W1AW, Club Log OQRS
2021 Jul14	2021 Jul16	Alaska	<u>KL7RRC</u>	N7RO	<u>TDDX</u> 20210420	By N7QT W8HC NL8F N3QQ fm Adak I (IOTA NA-039); 40-6m; CW SSB FT8 (f/h)
2021 Jul14	2021 Jul21	Bahamas	<u>С6АНА</u>	LoTW	<u>DXW.Net</u> 20210305	By N4RRR K4KSW N4QBS NN2T fm Bimini I (IOTA NA-048); HF FT8 SSB CW; QSL via Club Log OQRS
2021 Jul23	2021 Aug03	St Vincent	<u> J88PI</u>	GW4DVB Direct	DXW.Net 20200727	By GW4DVB fm Palm I (IOTA NA-025, FK92ho); 40-6m; SSB FT8
2021 Jul21	2021 Jul26	Svalbard	<u>1000</u>	LoTW	<u>DXW.Net</u> 20210422	By LB1QI LB2HG LA7GIA LA7QIA LA8OM fm Prins Karls Forland I (IOTA EU-063); focus on 40 30 20m; focus on NA and Asia; 1kw; VDAs and verticals nr salt water; QSL via M0OXO; QRV for RSGB IOTA
RSGB IOTA Contest (Jul 24-25, 2021) Check here for pericontest activity too.						
2021 Jul25	2021 Sep04	Azores	<u>CT8</u>	LoTW	<u>TDDX</u> 20210519	By W6PQL as CT8/W6PQL; FT8 on all bands; 20m SSB

Youngsters On The Air First-Round Contest Claimed Results Posted, Next Round is July 18

The Youngsters On The Air (<u>YOTA</u>) <u>Contest</u>'s first round is complete and the claimed results have been <u>posted</u> on the YOTA website, with final results coming soon. Worldwide participation was very good. In the YOTA-class categories, more than 100 were from contesters as young as 7 years old, and three entered as shortwave listeners (listen only). There were more than 600 entries of participants above the age of 25, with the oldest participant at age 87.

The next round will be on July 18, 1000 - 2159 UTC. The event includes a 6-hour category (this is a change in date from the previously announced July 17).

"Everyone in the ham radio community can take part; it takes place three times per year and only lasts 12 hours," said IARU Region 1 Youth Working Group Chair Philipp Springer, DK6SP. The event includes eight entry categories. Operation is on 80, 40, 20, 15, and 10 meters, CW or SSB. The contest exchange is the operator's age, and different ages also serve as multipliers during the contest. Also, the younger the operator, the more points per contact.

Visit the <u>YOTA Contest</u> page for more information. If the FAQ doesn't address your particular concern, you can <u>email</u> the YOTA Contest Committee.

Amateur License Refresher



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

E2E01

Which of the following types of modulation is common for data emissions below 30 MHz?

A. DTMF tones modulating an FM signal

B. FSK

- C. Pulse modulation
- D. Spread spectrum

E2E02

What do the letters FEC mean as they relate to digital operation?

- A. Forward Error Correction
- B. First Error Correction
- C. Fatal Error Correction
- D. Final Error Correction

General Pool

G6A01

What is the minimum allowable discharge voltage for maximum life of a standard 12 volt lead-acid battery?

- A. 6 volts
- B. 8.5 volts
- C. 10.5 volts
- D. 12 volts

G6A02

What is an advantage of the low internal resistance of nickel-cadmium batteries? A. Long life

- B. High discharge current
- C. High voltage
- D. Rapid recharge

Answers pg. 2

Swap and Shop, continued

5--HY POWER: tri1020
6--HY POWER: 2b4080l (90-ft, greatest bandwidth)
7--PAR ELECTRONIC: ef-30, ef-20 & ef-17
8--ARROW: osj-144/440 j-pole
9--MFJ: mfj-1724B vhf/uhf mag. mnt. (dual band, 144/440)
10-MFJ: mfj-259c analyzer
11-YAESU: sp-101b speaker (6-in H/8-in W/11-in D)
12--ICOM: ic-7300 xcvr w/accessories
13--ICOM: sm-50 desktop microphone
14--PALSTAR: at-500 antenna tuner
15--PALSTAR: dl-1500 dummy load
16—ASTRON : rs-35a power supply



Contact Ken, KC8Y/email=== cct66000@gmail.com



13 Colonies Special Event Set for July 1 - 7

The 13th running of the popular 13 Colonies Special Event will take place July 1 - 7. A series of 1×1 call signs (K2A - K2M) will represent each of the original colonies in North America. The event begins at 1300 UTC on July 1 and concludes at 0400 UTC on July 7.

This year, some French stations will be joining, in recognition of the French Navy's importance in the 1700s as part of the France-Britain global competition. TM13COL will be a bonus station, as will GB13COL and WM3PEN in Philadelphia, Pennsylvania, named after land-grant grantee William Penn, the colony's founder. Of course, Philadelphia is where the US founding fathers met.

Last year, the Special Event's 13 stations made 202,000 contacts. Each QSL card will be different, including the three bonus stations, each bearing a representative image of a ship.

Pro Football Hall of Fame Enshrinement Festival

Aug 6-Aug 8, 1900Z-2359Z, W8AL, Canton, OH. Canton Amateur Radio Club. 3.980 +/- 7.280 +/- 14.280 +/-. Certificate & QSL. Canton ARC - W8AL, PO Box 8673, Canton, OH 44711-8673. Watch for FT8 or other digital modes. On the air times subject to operators availability, watch spots/social media. Send QSL Card and \$2.00 for postage & handling. <u>www.w8al.org</u>

John Glenn's 100th Birthday Celebration – John Glenn Museum

Jul 18, 1300Z-2100Z, KY8C, New Concord, OH. Cambridge Area Maker Group. 14.290 14.275 7.275 7.240. QSL. Cambridge Area Maker Group, Robert M. Howell, N8WJ, 69081 Mount Hermon Rd., Cambridge, OH 43725-9469. Operating from John Glenn's childhood home (John Glenn Museum) in New Concord, OHIO <u>www.cambridgeareamakers.org</u>

The Last Word

"It would be foolish, in forming our expectations, to attach great weight to matters which are very uncertain." *–John Maynard Keynes*

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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. Permission is granted to reprint material contained herein as long as proper credit is given to this newsletter and the author. Ideas for and contributions to the VOICE COIL should be submitted to: <u>MVARAVoiceCoil@gmail.com</u>

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.

Swap and Shop Policies

Swap and Shop listings are open to all licensed Mahoning Valley Hams, based on space available you don't need to be an MVARA member. Please submit your list to <u>mvara.w8qly@gmail.com</u> **AND** <u>mvaravoicecoil@gmail.com</u> for placement in both *Voice Coil* and website. MVARA assumes no responsibility for transactions made or inaccuracies in ads. You are responsible for checking your ad and notifying us of any corrections. Ads will run for two consecutive issues unless notified otherwise.

<u>Disclaimer</u>

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