

August 2022 Our 103rd Year Volume 60, Issue 8

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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**



## Club Outreach—Youngstown City Schools

We have a hands-on project at Chaney Middle School on July 27. A few of us will go to the school and introduce a few aspects of ham radio. The kids will have an opportunity to talk on an HF station to another ham.

There will be short distance HF sessions where Andy Brincko at the school end and Mark Monroe will be the contact on the other end so that we are sure to have someone to talk to.

Dave Brett will be doing his part on antenna lengths and the difference between inches and meters and how it relates to the metric system. Ed Newsome will be doing digital radio for the kids and explaining how with the right equipment he can talk over the Internet. The one that really interested the kids last visit was the CW station. Frank Sole will be the one working with the students on a couple of keys and so that they can send code to each other.

I know these guys aren't in it for the recognition. They do it because it is for the kids and the future of ham radio. Even if we get one or two interested in ham radio and maybe get their license, they've experienced the fun of ham radio.

## **August Meeting Location:**

Boardman Park—Annual Corn Roast 375 Boardman-Poland Rd. Boardman, OH 44512 Hofmaster Pavilion August 11, 2022, 5:30 PM

More details on page 2.

#### 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, <a href="https://www.wsysuearrl.net">wsysu@arrl.net</a> 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.w8qly@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.

## Hey, I Know That Guy!

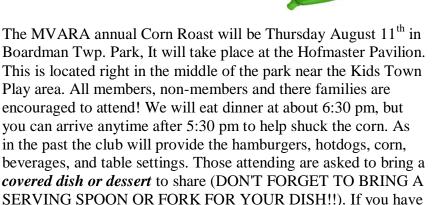
You may remember Craig Thompson, K9CT, who spoke to us via Zoom in April 2021 about the Pitcairn DXpedition in the South Pacific.

Craig was inducted into the CQ Contest Hall of Fame Class of 2022 at the recent Hamvention in Dayton. MVARA congratulates Craig on a lifetime of Ham Radio Adventures that culminated in this Award.



Tony Willard, AB9YC, introduced HoF inductee Craig Thompson, K9CT.

### CORN ROAST



## <u>Directions will be available on W8QLY 146.745/R beginning</u> @ 5:00 pm.

any questions please contact Dean DeMain (W8YSU) @ 330-

Hope to see you all there, Dean DeMain, W8YSU MVARA CORN ROAST CHAIRMAN

507-9295 or E-mail w8ysu@arrl.net

#### License Refresher:

Answers: E6A01 (C) E6A02 (A) G0B01 (A) G0B02 (C)

### **Current Activities**

**August 11:** Corn Roast/Monthly meeting 5:30pm. Boardman Park

#### **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

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

<u>08/06/2022 Columbus Hamfest.</u> Location: Aladdin Shrine, 1801 Gateway Circle, Grove City, OH 43123 Website: <a href="http://columbushamfest.com">http://columbushamfest.com</a> Sponsor: Aladdin Shrine Audio Unit Talk-In: W8FEZ 146.760- PL 123.0 Public Contact: Art Wilson, N8ART, 182 Alexander Lawrence Dr. Pickerington, OH 43147 Phone: 614-256-5829 Email: n8art@yahoo.com

<u>08/21/2022 Warren ARA Tailgate Swapmeet.</u> <u>Location:</u> Mosquito Lake State Park, 1439 State Route 305 Cortland, OH 44410 <u>Website: <a href="http://facebook.com/w8vtd">http://facebook.com/w8vtd</a> **Sponsor:** Warren ARA **Talk-In:** 146.970- pl 100hz usually off **Public Contact:** Steven Ruman , KC8YDS, 625 North Rd. Niles, OH 44446 **Phone**: 330-979-5673 **Email:** <a href="https://www.warren.com/w8vtd">WARAW8VTD@gmail.com</a></u>

## Swap and Shop

#### Dave Fairbanks, 330-501-5031

- 1. Alpha Delta parallel dipole. Multi-band resonant, 1000w pep, 250 watt RTTY. 80,40,20,15 and 10 meters. 82 ft. total length. Antenna was assembled and used a short time and worked fine. Dxengineering part number ALF-DX-CC.
- 2. Geochron Digital Atlas 2 4k. 6 months old and works perfectly. It gives viewers a beautiful view of earth with the sunrise-sunset rendered in real time by its self-contained mini-computer that plugs into your monitor or TV. It displays night lights of cities, weather, travel routes, satellite tracking and much more. Dxe part number GEO-400-1000B.

#### Joe Fulton 330-792-3640, leave voice message.

Icom IC-718 w/ IC-UT106 DSP Board and MARS Mod Excellent shape Icom HM-36 Hand Microphone Excellent shape Icom SM-30 Desk Microphone Excellent shape Samlex SEC-1235M 30 Amp Power Supply Fair to good shape Digirig Mobile Excellent shape w/ cables to Icom for PTT and CI-V Control you will need a USB C cable to computer for Digital Modes Reprinted manual and schematic for Digirig cables.

\$600 PayPal Goods & Services or cash only, local pick-up in Austintown, OH. KE8QOY



Continued pg. 5

## Amateur License Refresher Dave, KD8NZF



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**

#### E6A01

In what application is gallium arsenide used as a semiconductor material?

- A. In high-current rectifier circuits
- B. In high-power audio circuits
- C. In microwave circuits
- D. In very low-frequency RF circuits

#### E6A02

Which of the following semiconductor materials contains excess free electrons?

- A. N-type
- B. P-type
- C. Bipolar
- D. Insulated gate

#### **General Pool**

#### G0B01

Which wire or wires in a four-conductor connection should be attached to fuses or circuit breakers in a device operated from a 240 VAC single phase source?

- A. Only the two wires carrying voltage
- B. Only the neutral wire
- C. Only the ground wire
- D. All wires

#### G0B02

According the National Electrical Code, what is the minimum wire size that may be used safely for wiring with a 20 ampere circuit breaker?

- A. AWG number 20
- B. AWG number 16
- C. AWG number 12
- D. AWG number 8

#### Answers pg. 2

## We're Going to the Car Show!

One of our favorite events is happening soon. The Mahoning Valley Old Car Club show at Boardman Park 375 Boardman Poland Rd, Boardman, OH. We will once again be setting up a special event station at the show near the registration area. Not only do you get to be on the air, but you have a prime seat to see each car as they register. Admission to the show is free so if you feel like a walk, there is lots to see.

As you enter the park from 224, there is a parking area they use as registration, and we will have a pop-up tent set up in the grass by the lot. We like to be on the air by 10:00am and will start setup around 8:45am. In addition to setting up the tent we will need help setting up our antennas. We plan to have two radios and two antennas. We ask everyone attending to bring something for lunch to share.

The show is August 7th, c'mon down and get on the air with us.

#### www.mvocc.com





## Swap & Shop Continued

- -Yaesu FTM-400 Display \$250.00 Brand new, never been used!
- -MFJ-989C Versa Tuner, excellent condition, \$200

Contact Randy Tanker tanker60@gmail.com



## Field Day 2022: 500,000 Contacts Already Reported

With 2022 ARRL <u>Field Day</u> wrapped up, ARRL Headquarters has already received over 2,700 entries submitted via the online <u>Field Day Entry web application</u>. Early analysis reveals that most of the entrants participated as Class D -- home stations, and Class E -- home stations using emergency power.

As of June 29, the breakdown of Field Day entries by Class: 272 in Class A, 361 in Class B, 32 in Class C (mobile), 1,524 in Class D, 484 in Class E, and 50 in Class F.

# **Contest and Special Event Operating Information Dave Fairbanks N8NB**

Data below as well as more information courtesy of the following website: www.contestcalendar.com

A	
August 2022	00007 01007 Av. 1
+ K1USN Slow Speed Test	0000Z-0100Z, Aug 1
+ ICWC Medium Speed Test	1300Z-1400Z, Aug 1
+ OK1WC Memorial	1630Z-1729Z, Aug 1
+ ICWC Medium Speed Test	1900Z-2000Z, Aug 1
+ ARS Spartan Sprint	0100Z-0300Z, Aug 2
Worldwide Sideband Activity Contest	0100Z-0159Z, Aug 2
+ ICWC Medium Speed Test	0300Z-0400Z, Aug 2
+ RTTYOPS Weeksprint	1700Z-1900Z, Aug 2
+ Phone Weekly Test	0230Z-0300Z, Aug 3
+ A1Club AWT	1200Z-1300Z, Aug 3
CWops Test	1300Z-1400Z, Aug 3
Hini-Test 40	1700Z-1759Z, Aug 3
Hini-Test 80	1800Z-1859Z, Aug 3
+ CWops Test	1900Z-2000Z, Aug 3
→ Walk for the Bacon QRP Contest	0000Z-0100Z, Aug 4 and
_	0200Z-0300Z, Aug 5
+ CWops Test	0300Z-0400Z, Aug 4
+ CWops Test	0700Z-0800Z, Aug 4
+ RTTYOPS Weeksprint	1700Z-1900Z, Aug 4
+ NRAU 10m Activity Contest	1700Z-1800Z, Aug 4 (CW) and 1800Z-1900Z, Aug 4 (SSB) and 1900Z-2000Z, Aug 4 (FM) and 2000Z-2100Z, Aug 4 (Dig)
+ SKCC Sprint Europe	1900Z-2100Z, Aug 4
+ QRP Fox Hunt	0100Z-0230Z, Aug 5
NCCC RTTY Sprint	0145Z-0215Z, Aug 5
+ NCCC Sprint	0230Z-0300Z, Aug 5
+ K1USN Slow Speed Test	2000Z-2100Z, Aug 5
Batavia FT8 Contest	0000Z, Aug 6 to 2359Z, Aug 7
10-10 Int. Summer Contest, SSB	0001Z, Aug 6 to 2359Z, Aug 7
European HF Championship	1200Z-2359Z, Aug 6
NRRL MGM Weekend Contest	1400Z, Aug 6 to 1400Z, Aug 7
→ ARRL 222 MHz and Up Distance Contest	1800Z, Aug 6 to 1800Z, Aug 7
Horth American QSO Party, CW	1800Z, Aug 6 to 0559Z, Aug 7
SARL HF Phone Contest	1400Z-1700Z, Aug 7
+ K1USN Slow Speed Test	0000Z-0100Z, Aug 8
ICWC Medium Speed Test	1300Z-1400Z, Aug 8
+ OK1WC Memorial	1630Z-1729Z, Aug 8
ICWC Medium Speed Test	1900Z-2000Z, Aug 8
Worldwide Sideband Activity Contest	0100Z-0159Z, Aug 9
ICWC Medium Speed Test	0300Z-0400Z, Aug 9
+ RTTYOPS Weeksprint	1700Z-1900Z, Aug 9
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	Phone Weekly Test	0230Z-0300Z, Aug 10
-	A1Club AWT	1200Z-1300Z, Aug 10
	CWops Test	1300Z-1300Z, Aug 10 1300Z-1400Z, Aug 10
7	Mini-Test 40	1700Z-1759Z, Aug 10
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Ť	VHF-UHF FT8 Activity Contest	1700Z-2000Z, Aug 10
+	Mini-Test 80	1800Z-1859Z, Aug 10
÷	CWops Test	1900Z-2000Z, Aug 10
+	CWops Test	0300Z-0400Z, Aug 11
+	CWops Test	0700Z-0800Z, Aug 11
+	RTTYOPS Weeksprint	1700Z-1900Z, Aug 11
÷	EACW Meeting	1900Z-2000Z, Aug 11
+	QRP Fox Hunt	0100Z-0230Z, Aug 12
+	NCCC RTTY Sprint	0145Z-0215Z, Aug 12
+	NCCC Sprint	0230Z-0300Z, Aug 12
	MMMonVHF/DUBUS 144 MHz Meteorscatter Sprint	1500Z, Aug 1Z to 1459Z, Aug 14
	ontest	20007 21007 Aug 12
÷	K1USN Slow Speed Test	2000Z-2100Z, Aug 12
+	WAE DX Contest, CW	0000Z, Aug 13 to 2359Z, Aug 14
+	SARL Youth Sprint	1200Z-1300Z, Aug 13
+	Keyman's Club of Japan Contest	1200Z, Aug 13 to 1200Z, Aug 14
#	SKCC Weekend Sprintathon	1200Z, Aug 13 to 2400Z, Aug 14
+	Kentucky State Parks on the Air	1400Z-2200Z, Aug 13
+	Maryland-DC QSO Party	1400Z, Aug 13 to 0400Z, Aug 14
<u> </u>	FISTS Saturday Sprint	1600Z-1800Z, Aug 13
+	50 MHz Fall Sprint	2300Z, Aug 13 to 0300Z, Aug 14
#	4 States QRP Group Second Sunday Sprint	0000Z-0200Z, Aug 15
<u> </u>	K1USN Slow Speed Test	0000Z-0100Z, Aug 15
4	ICWC Medium Speed Test	1300Z-1400Z, Aug 15
#	OK1WC Memorial	1630Z-1729Z, Aug 15
#	ICWC Medium Speed Test	1900Z-2000Z, Aug 15
+	Worldwide Sideband Activity Contest	0100Z-0159Z, Aug 16
+	ICWC Medium Speed Test	0300Z-0400Z, Aug 16
+	RTTYOPS Weeksprint	1700Z-1900Z, Aug 16
+	Phone Weekly Test	0230Z-0300Z, Aug 17
+	A1Club AWT	1200Z-1300Z, Aug 17
+	CWops Test	1300Z-1400Z, Aug 17
+	Mini-Test 40	1700Z-1759Z, Aug 17
	VHF-UHF FT8 Activity Contest	1700Z-2000Z, Aug 17
+	Mini-Test 80	1800Z-1859Z, Aug 17
+	CWops Test	1900Z-2000Z, Aug 17
+	Walk for the Bacon QRP Contest	0000Z-0100Z, Aug 18 and 0200Z-0300Z, Aug 19
+	CWops Test	0300Z-0400Z, Aug 18
+	CWops Test	0700Z-0800Z, Aug 18
+	RTTYOPS Weeksprint	1700Z-1900Z, Aug 18
	NTC QSO Party	1900Z-2000Z, Aug 18
+	QRP Fox Hunt	0100Z-0230Z, Aug 19
	NCCC RTTY Sprint	0145Z-0215Z, Aug 19
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■ NCCC Sprint	0230Z-0300Z, Aug 19
+ K1USN Slow Speed Test	2000Z-2100Z, Aug 19
SARTG WW RTTY Contest	0000Z-0800Z, Aug 20 and
	1600Z-2400Z, Aug 20 and
	0800Z-1600Z, Aug 21
ARRL 10 GHz and Up Contest	0600 local, Aug 20 to 2400 local, Aug 21
Russian District Award Contest	0800Z, Aug 20 to 0800Z, Aug 21
Feld Hell Sprint	1600Z-1759Z, Aug 20
North American QSO Party, SSB	1800Z, Aug 20 to 0559Z, Aug 21
CVA DX Contest, CW	2100Z, Aug 20 to 2100Z, Aug 21
+ SARL HF Digital Contest	1400Z-1700Z, Aug 21
NJQRP Skeeter Hunt	1700Z-2100Z, Aug 21
ARRL Rookie Roundup, RTTY	1800Z-2359Z, Aug 21
FISTS Sunday Sprint	2100Z-2300Z, Aug 21
Run for the Bacon QRP Contest	2300Z, Aug 21 to 0100Z, Aug 22
+ K1USN Slow Speed Test	0000Z-0100Z, Aug 22
ICWC Medium Speed Test	1300Z-1400Z, Aug 22
OK1WC Memorial	1630Z-1729Z, Aug 22
ICWC Medium Speed Test	1900Z-2000Z, Aug 22
Worldwide Sideband Activity Contest	0100Z-0159Z, Aug 23
ICWC Medium Speed Test	0300Z-0400Z, Aug 23
RTTYOPS Weeksprint	1700Z-1900Z, Aug 23
SKCC Sprint	0000Z-0200Z, Aug 24
+ Phone Weekly Test	0230Z-0300Z, Aug 24
+ A1Club AWT	1200Z-1300Z, Aug 24
- CWops Test	1300Z-1400Z, Aug 24
Hini-Test 40	1700Z-1759Z, Aug 24
Hini-Test 80	1800Z-1859Z, Aug 24
CWops Test	1900Z-2000Z, Aug 24
- CWops Test	0300Z-0400Z, Aug 25
CWops Test	0700Z-0800Z, Aug 25
→ RTTYOPS Weeksprint	1700Z-1900Z, Aug 25
	0100Z-0230Z, Aug 26
→ NCCC RTTY Sprint	0145Z-0215Z, Aug 26
H NCCC Sprint	0230Z-0300Z, Aug 26
+ K1USN Slow Speed Test	2000Z-2100Z, Aug 26
+ RTTYOps WW DX RTTY Contest	2200Z, Aug 26 to 1200Z, Aug 27 and 1200Z-2359Z, Aug 28
+ ARRL EME Contest	0000Z, Aug 27 to 2359Z, Aug 28
Hawaii QSO Party	0400Z, Aug 27 to 0400Z, Aug 29
- ALARA Contest	0600Z Aug 27 to 0559Z, Aug 28
- World Wide Digi DX Contest	1200Z, Aug 27 to 1200Z, Aug 28
W/VE Islands QSO Party	1200Z, Aug 27 to 0300Z, Aug 28
YO DX HF Contest	1200Z, Aug 27 to 1200Z, Aug 28
- Kansas QSO Party	1400Z, Aug 27 to 0200Z, Aug 28 and
	1400Z-2000Z, Aug 28

- Ohio QSO Party	1600Z, Aug 27 to 0400Z, Aug 28
- CVA DX Contest, SSB	2100Z, Aug 27 to 2100Z, Aug 28
■ SARL HF CW Contest	1400Z-1700Z, Aug 28
+ K1USN Slow Speed Test	0000Z-0100Z, Aug 29
ICWC Medium Speed Test	1300Z-1400Z, Aug 29
	1300Z-1400Z, Aug 29
→ OK1WC Memorial	1630Z-1729Z, Aug 29
→ ICWC Medium Speed Test	1900Z-2000Z, Aug 29
+ QCX Challenge	1900Z-2000Z, Aug 29
→ Worldwide Sideband Activity Contest	0100Z-0159Z, Aug 30
+ QCX Challenge	0300Z-0400Z, Aug 30
ICWC Medium Speed Test	0300Z-0400Z, Aug 30
+ RTTYOPS Weeksprint	1700Z-1900Z, Aug 30
+ Phone Weekly Test	0230Z-0300Z, Aug 31
+ A1Club AWT	1200Z-1300Z, Aug 31
- CWops Test	1300Z-1400Z, Aug 31
Hini-Test 40	1700Z-1759Z, Aug 31
Hini-Test 80	1800Z-1859Z, Aug 31
- CWops Test	1900Z-2000Z, Aug 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:  $\frac{http://www.ng3k.com}{http://www.ng3k.com}$ 

Aug	August					
2022 Aug05	2022 Aug09	Rodrigues I	3B9	TBA	TDDX 20220519	By 3B8FA 3B8GF 3B8CF 3B8FV 3B8BAN; HF; 100w; G5RVs; also 3 QO-100 portable satellite stations
2022 Aug07	2022 Aug20	Tonga	A35JP/p	LoTW	JA0RQV 20220606	By JA0RQV fm Niuafo'ou Island (OC-123)); 80-6m; CW SSB FT8; QSL via JA0RQV (B/d, d w/SASE); exact dates subject to change
2022 Aug08	2022 Aug18	St Kitts & Nevis	V4	NT5V	<u>DXNews</u> 20220622	By NT5V as V4/NT5V fm St Kitts; HF; CW SSB FT8
2022 Aug08	2022 Aug20	Maldives	8Q7AG	LoTW	TDDX 20220622	By IZ2DPX fm IOTA AS-013; HF + 6m; SSB + digital; 100w; vertical; QSL via Club Log OQRS
2022 Aug09	2022 Aug23	Seychelles	<u>\$79</u>	ТВА	DXW.Net 20220507	By EA3BT as S79/EA3BT and EA3WL as S79/EA3WL fm Praslin, La Digue, Mahe Is (IOTA AF-024); mainly satellites, but holiday style SSB CW FT8

2022 Aug10	2022 Aug16	Svalbard	JW	KA1S	TDDX 20220608	By KA1IS as JW/KA1IS; @JW5E; HF; CW SSB
2022 Aug12	2022 Aug16	Angola	D2TX NEW	РАЗСМС	TDDX 20220713	By ZS4TX; HF + 2m EME
2022 Aug12	2022 Aug19	Grenada	J3 NEW	N9GB	TDDX 20220711	By N9GB as J3/N9GB; 40-10m; CW, some SSB FT8; holiday style operation
2022 Aug20	2022 Aug31	St Kitts & Nevis	V47FWX	M0URX	<u>DXNews</u> 20220622	By G0FWX fm St Kitts; HF
2022 Aug23	2022 Aug23	Albania	ZA	LoTW	TDDX 20220624	By Z35M as ZA/Z35M; 40-15m; CW SSB; 5w; QSL via Z35M
2022 Aug28	2022 Sep25	Tonga	A35JP	LoTW	JA0RQV 20220606	By JA0RQV fm IOTA OC-049; 80-6m; CW SSB FT8; QSL via JA0RQV (B/d, d w/ SASE); exact dates subject to change

## **ARES Update August 2022**

The big news from ARES is that we are returning the ARES nets to the 1<sup>st</sup> and 3<sup>rd</sup> Mondays each month at 8:30pm. This starts in August and the first net will be August 1<sup>st</sup>. See you on the 146.745 Repeater at 8:30pm.

Coming up August 20th is a workshop on Emergency Power. In addition to presenting information on several forms of Emergency Power we are asking volunteers to bring show & tell on what they do for emergency power. Have a Solar setup, portable Lithium Power Source, other source? (Anybody using wind?) We'd like to hear about it. If it is portable, bring it along to show. (Yes Art – Your F-150 is an Emergency Power Source) If not, take some photos. Details of location and times will be coming up shortly on the ARES nets and by email.

In September we will be doing a training event on net operations and will practice creating nets.



# HAM HUMOR: JUNIPER VALLEY RADIO CLUB ANNOUNCES HAMFEST LINEUP

By WBØRUR, on the scene

#### TRUTH OR CONSEQUENCES, New Mexico -

A local group of radio experimenters and tinkerers known as the "Juniper Valley Amateur Radio Club" has announced the organization's hamfest plans for the upcoming season.

"We're going to begin the season big and finish even bigger!" says club president Mortimer Booker, who had been in charge of the radio club since 1974. The club has 12 active members.



"On April 13, we'll start the day with the 'Grand Slam' breakfast at Denny's. Then we'll head over to Petaluma for the big Ham-Spectacular! Afterwards, we'll stop at Golden Corral for lunch. Last year, club member Jerry Davis got his Extra ticket over there. We won't have anyone testing this year, though, since Bob (Thompson) moved into the care center."

In late May, the JVARC will travel to nearby Santa Fe for the famous "Native American Art Show and Hamfest" on the historic town square. While strolling through the ancient adobe downtown buildings, patrons can select from a fine variety of colorful handmade scarves, locally produced rugs and renovated Hallicrafters gear. Lunch will include beans, rice and Indian tortillas from Jim's Quick Foods at 2384 Metro Street.

"We've got a real treat for August," says Booker. "The club will travel via rail to the radio swap meet-up in Pueblo. We're working out details, but we think we'll be able to operate a special event station from the "Cliff Dwellers 3-D Diorama" set up at the Three Pines Shopping Mall. It should be a blast!"

For more information on joining the Juniper Valley Amateur Radio Club on their hamfest travels, call club President Mortimer Booker or contact "Golden Years Travel Agency" in downtown Truth or Consequences. Ask for information on travel package number 78-A.

### www.hamhijinks.com

#### THE LAST WORD

FOLLOW/LIKE US AT:

HTTPS://WWW.FACEBOOK.COM/MAHVALRADIO

# facebook

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--you don't need to be an MVARA member. You can include a picture for your listing. Please submit your list to <a href="mvara.w8qly@gmail.com">mvara.w8qly@gmail.com</a> AND <a href="mvaravoicecoil@gmail.com">mvaravoicecoil@gmail.com</a> 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 we are notified otherwise.

#### Disclaimer

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