



July 2022  
Our 103rd Year  
Volume 60, Issue 7

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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***

## **Field Day Issue**

### **Prez Sez**



WOW. All I can say is WOW. All those that came out to help setup antennas, setup on Saturday, and then again rocked with people moving in and out on the radios. You folks rocked field day we set up eight or nine antennas with the help of Mark Monroe and his masts. Mark supplied 3 masts which allowed us to put up 3 antennas in a row

.Andy Brincko supplied his NVIS antenna and push up pole. Dave Brett supplied his own antenna for the digital side of things and Frank Sole had his own setup with the 3-antenna monster he builds. Dave, Frank and Mark Haverstock also built all the SSB antennas, including the awesome 40m vertical.

We had a few problems starting up and it took a little while to figure them out. Seems we are getting some noise off the new generator. We changed generators and the problem went away. We will be looking into this quickly to see if there is a problem. Otherwise, we really didn't have too many problems and were on the air at 2:00 PM with 8 radios.

Thank you to all that helped set up and take down antennas, set up all the radios Saturday morning and then sat down with those radios to operate. And thanks to those who did tear down and pack up. All I can say is thank you for all your help. You guys ROCK.

### **July Meeting Location:**

GOP Headquarters, Adamas Plaza  
8381 Market St, Boardman, OH 44512  
July 14, 2022, 7 PM

**Meeting also available on Zoom**--check your email for link.

## 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](mailto: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.w8qly@gmail.com](mailto: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.

## July Program

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Our program for the July meeting will be a presentation by Joe Fischer, AA8TA, rescheduled from earlier in the year. Joe will be speaking about Morse Code and the CW Academy put on by CWOPS. If you are thinking this sounds familiar, you are right. We had Joe scheduled for the April meeting, but some technical issues at the meeting stopped us from connecting to him, so we are trying again this month.

As a youngster, Joe became a HAM, in the code required days. He worked up from the initial 5 WPM for Novice to the required 13 WPM for an Advanced Ticket. At that point it was time to go off to College and in his words spent the next 35 years as an Advanced ticket holder without making a single HF contact. He was active for some of that time on VHF and repeaters.

About 2010 he rose to the surface and discovered there was no longer a code requirement to take the EXTRA exam, became an Extra and got back into Ham Radio. He also got back into CW and was up to about 20 WPM. He was inclined to change his call sign and says he moved from WB8TDO to W8JPF, then as he became more involved with CW to the current AA8TA. He explains he chose that call because of how easy it is to send with Morse.

Today Joe is in his fifth year as an Advisor with the CW Academy. CW Academy is a program of the CWOPS group aimed at increasing the numbers and skills of Morse operators in Ham Radio.

Please mark your calendar for the July 14<sup>th</sup> meeting as we discover what is new in the world of CW and the opportunities to learn CW.



### **License Refresher:**

Answers: E5D01 (A) E5D02 (B) G0A01 (A) G0A02 (D)

## Current Activities

**July 14:** Monthly meeting 7pm. GOP HQ and Zoom.

**July 6:** VE Testing, 6:30 pm. GOP Headquarters, Adamas Plaza, 8381 Market St, Boardman, OH 44512

### Comments, Questions?

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

Meeting ideas/ suggestions? Contact Dave, KD8NZF, [KD8NZF@zoominternet.net](mailto:KD8NZF@zoominternet.net)

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

**07/09/2022** - Intercity Amateur Radio Club - Mansfield - Location: Richland County Fairgrounds - 750 North Home Road - Mansfield, OH 44901 - Website: <https://iarc.club/> - Public Contact: Danny Bailey , W8DLB - 70 Euclid Street Shiloh, OH 44878 - Phone: 419-541-8557 - Email: [W8dlb113@gmail.com](mailto:W8dlb113@gmail.com)

**09/25/2022** - The 47th Annual Cleveland Hamfest And Computer Show - Hamfest Association of Cleveland - Location: Cuyahoga County Fairgrounds - 164 Eastland Road - Berea, OH 44017 - Website: <http://www.hac.org> - Public Contact: Glenn Williams, AF8C - 4134 Stoney Ridge Rd. Avon, OH 44011 - Phone: 440-934-5566 - Email: [af8c@ARRL.net](mailto:af8c@ARRL.net)

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## **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





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

E5D01

What is the result of skin effect?

- A. As frequency increases, RF current flows in a thinner layer of the conductor, closer to the surface
- B. As frequency decreases, RF current flows in a thinner layer of the conductor, closer to the surface
- C. Thermal effects on the surface of the conductor increase the impedance
- D. Thermal effects on the surface of the conductor decrease the impedance

E5D02

Why is it important to keep lead lengths short for components used in circuits for VHF and above?

- A. To increase the thermal time constant
- B. To avoid unwanted inductive reactance
- C. To maintain component lifetime
- D. All these choices are correct

## General Pool

G0A01

What is one way that RF energy can affect human body tissue?

- A. It heats body tissue
- B. It causes radiation poisoning
- C. It causes the blood count to reach a dangerously low level
- D. It cools body tissue

G0A02

Which of the following properties is important in estimating whether an RF signal exceeds the maximum permissible exposure (MPE)?

- A. Its duty cycle
- B. Its frequency
- C. Its power density
- D. All these choices are correct

Answers pg. 2

## Contest and Special Event Operating Information

Dave Fairbanks N8NB

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

<http://www.hornucopia.com/contestcal/index.html>.

### July 2022

+ RAC Canada Day Contest	0000Z-2359Z, Jul 1
+ QRP Fox Hunt	0100Z-0230Z, Jul 1
+ NCCC RTTY Sprint	0145Z-0215Z, Jul 1
+ NCCC Sprint	0230Z-0300Z, Jul 1
+ K1USN Slow Speed Test	2000Z-2100Z, Jul 1
+ Venezuelan Ind. Day Contest	0000Z-2359Z, Jul 2
+ NZART Memorial Contest	0800Z-1100Z, Jul 2 and 0800Z-1100Z, Jul 3
+ DL-DX RTTY Contest	<b>Cancelled for 2022</b>
+ TA VHF/UHF Contest	1200Z, Jul 2 to 1200Z, Jul 3
+ Marconi Memorial HF Contest	1400Z, Jul 2 to 1400Z, Jul 3
+ Original QRP Contest	1500Z, Jul 2 to 1500Z, Jul 3
+ PODXS 070 Club 40m Firecracker Sprint	2000Z, Jul 2 to 2000Z, Jul 3
+ K1USN Slow Speed Test	0000Z-0100Z, Jul 4
+ ICWC Medium Speed Test	1300Z-1400Z, Jul 4
+ OK1WC Memorial	1630Z-1729Z, Jul 4
+ ICWC Medium Speed Test	1900Z-2000Z, Jul 4
+ RSGB 80m Club Championship, CW	1900Z-2030Z, Jul 4
+ Worldwide Sideband Activity Contest	0100Z-0159Z, Jul 5
+ ARS Spartan Sprint	0100Z-0300Z, Jul 5
+ ICWC Medium Speed Test	0300Z-0400Z, Jul 5
+ RTTYOPS Weeksprint	1700Z-1900Z, Jul 5
+ Phone Weekly Test	0230Z-0300Z, Jul 6
+ A1Club AWT	1200Z-1300Z, Jul 6
+ CWops Test	1300Z-1400Z, Jul 6
+ VHF-UHF FT8 Activity Contest	1700Z-2000Z, Jul 6
+ Mini-Test 40	1700Z-1759Z, Jul 6
+ Mini-Test 80	1800Z-1859Z, Jul 6
+ CWops Test	1900Z-2000Z, Jul 6
+ Walk for the Bacon QRP Contest	0000Z-0100Z, Jul 7 and 0200Z-0300Z, Jul 8
+ CWops Test	0300Z-0400Z, Jul 7
+ CWops Test	0700Z-0800Z, Jul 7
+ RTTYOPS Weeksprint	1700Z-1900Z, Jul 7
+ NRAU 10m Activity Contest	1700Z-1800Z, Jul 7 (CW) and 1800Z-1900Z, Jul 7 (SSB) and 1900Z-2000Z, Jul 7 (FM) and 2000Z-2100Z, Jul 7 (Dig)
+ EACW Meeting	1900Z-2000Z, Jul 7
+ SKCC Sprint Europe	1900Z-2100Z, Jul 7
+ QRP Fox Hunt	0100Z-0230Z, Jul 8
+ NCCC RTTY Sprint	0145Z-0215Z, Jul 8
+ NCCC Sprint	0230Z-0300Z, Jul 8



+ K1USN Slow Speed Test	2000Z-2100Z, Jul 8
+ IARU HF World Championship	1200Z, Jul 9 to 1200Z, Jul 10
+ SKCC Weekend Sprintathon	1200Z, Jul 9 to 2400Z, Jul 10
+ QRP ARCI Summer Homebrew Sprint	2000Z-2300Z, Jul 10
+ K1USN Slow Speed Test	0000Z-0100Z, Jul 11
+ 4 States QRP Group Second Sunday Sprint	0000Z-0200Z, Jul 11
+ ICWC Medium Speed Test	1300Z-1400Z, Jul 11
+ OK1WC Memorial	1630Z-1729Z, Jul 11
+ ICWC Medium Speed Test	1900Z-2000Z, Jul 11
+ Worldwide Sideband Activity Contest	0100Z-0159Z, Jul 12
+ ICWC Medium Speed Test	0300Z-0400Z, Jul 12
+ RTTYOPS Weeksprint	1700Z-1900Z, Jul 12
+ Phone Weekly Test	0230Z-0300Z, Jul 13
+ A1Club AWT	1200Z-1300Z, Jul 13
+ CWops Test	1300Z-1400Z, Jul 13
+ VHF-UHF FT8 Activity Contest	1700Z-2000Z, Jul 13
+ Mini-Test 40	1700Z-1759Z, Jul 13
+ Mini-Test 80	1800Z-1859Z, Jul 13
+ CWops Test	1900Z-2000Z, Jul 13
+ RSGB 80m Club Championship, SSB	1900Z-2030Z, Jul 13
+ CWops Test	0300Z-0400Z, Jul 14
+ CWops Test	0700Z-0800Z, Jul 14
+ RTTYOPS Weeksprint	1700Z-1900Z, Jul 14
+ EACW Meeting	1900Z-2000Z, Jul 14
+ QRP Fox Hunt	0100Z-0230Z, Jul 15
+ NCCC RTTY Sprint	0145Z-0215Z, Jul 15
+ NCCC Sprint	0230Z-0300Z, Jul 15
+ K1USN Slow Speed Test	2000Z-2100Z, Jul 15
+ Russian Radio Team Championship	0700Z-1459Z, Jul 16
+ Trans-Tasman Low-Bands Challenge	0800Z-1400Z, Jul 16
+ IARU Region 1 70 MHz Contest	1400Z, Jul 16 to 1400Z, Jul 17
+ North American QSO Party, RTTY	1800Z, Jul 16 to 0559Z, Jul 17
+ CQ Worldwide VHF Contest	1800Z, Jul 16 to 2100Z, Jul 17
+ RSGB International Low Power Contest	0900Z-1200Z and 1300Z-1600Z, Jul 17
+ CQC Great Colorado Gold Rush	2000Z-2159Z, Jul 17
+ Run for the Bacon QRP Contest	2300Z, Jul 17 to 0100Z, Jul 18
+ K1USN Slow Speed Test	0000Z-0100Z, Jul 18
+ ICWC Medium Speed Test	1300Z-1400Z, Jul 18
+ OK1WC Memorial	1630Z-1729Z, Jul 18
+ ICWC Medium Speed Test	1900Z-2000Z, Jul 18
+ RSGB FT4 Contest	1900Z-2030Z, Jul 18
+ Worldwide Sideband Activity Contest	0100Z-0159Z, Jul 19
+ ICWC Medium Speed Test	0300Z-0400Z, Jul 19
+ RTTYOPS Weeksprint	1700Z-1900Z, Jul 19
+ Phone Weekly Test	0230Z-0300Z, Jul 20
+ A1Club AWT	1200Z-1300Z, Jul 20
+ CWops Test	1300Z-1400Z, Jul 20
+ Mini-Test 40	1700Z-1759Z, Jul 20

+ VHF-UHF FT8 Activity Contest	1700Z-2000Z, Jul 20
+ Mini-Test 80	1800Z-1859Z, Jul 20
+ CWops Test	1900Z-2000Z, Jul 20
+ Walk for the Bacon QRP Contest	0000Z-0100Z, Jul 21 and 0200Z-0300Z, Jul 22
+ NAQCC CW Sprint	0030Z-0230Z, Jul 21
+ CWops Test	0300Z-0400Z, Jul 21
+ CWops Test	0700Z-0800Z, Jul 21
+ RTTYOPS Weeksprint	1700Z-1900Z, Jul 21
+ NTC QSO Party	1900Z-2000Z, Jul 21
+ EACW Meeting	1900Z-2000Z, Jul 21
+ QRP Fox Hunt	0100Z-0230Z, Jul 22
+ NCCC RTTY Sprint	0145Z-0215Z, Jul 22
+ NCCC Sprint	0230Z-0300Z, Jul 22
+ K1USN Slow Speed Test	2000Z-2100Z, Jul 22
+ ARAM 50 MHz Contest	0000Z-2359Z, Jul 23
+ YOTA Contest	1000Z-2159Z, Jul 23
+ K1USN Slow Speed Test	0000Z-0100Z, Jul 25
+ QCX Challenge	1300Z-1400Z, Jul 25
+ ICWC Medium Speed Test	1300Z-1400Z, Jul 25
+ OK1WC Memorial	1630Z-1729Z, Jul 25
+ ICWC Medium Speed Test	1900Z-2000Z, Jul 25
+ QCX Challenge	1900Z-2000Z, Jul 25
+ Worldwide Sideband Activity Contest	0100Z-0159Z, Jul 26
+ ICWC Medium Speed Test	0300Z-0400Z, Jul 26
+ QCX Challenge	0300Z-0400Z, Jul 26
+ RTTYOPS Weeksprint	1700Z-1900Z, Jul 26
+ SKCC Sprint	0000Z-0200Z, Jul 27
+ Phone Weekly Test	0230Z-0300Z, Jul 27
+ A1Club AWT	1200Z-1300Z, Jul 27
+ CWops Test	1300Z-1400Z, Jul 27
+ Mini-Test 40	1700Z-1759Z, Jul 27
+ Mini-Test 80	1800Z-1859Z, Jul 27
+ CWops Test	1900Z-2000Z, Jul 27
+ CWops Test	0300Z-0400Z, Jul 28
+ CWops Test	0700Z-0800Z, Jul 28
+ RTTYOPS Weeksprint	1700Z-1900Z, Jul 28
+ EACW Meeting	1900Z-2000Z, Jul 28
+ RSGB 80m Club Championship, Data	1900Z-2030Z, Jul 28
+ QRP Fox Hunt	0100Z-0230Z, Jul 29
+ NCCC RTTY Sprint	0145Z-0215Z, Jul 29
+ NCCC Sprint	0230Z-0300Z, Jul 29
+ K1USN Slow Speed Test	2000Z-2100Z, Jul 29
+ Feld Hell Sprint	0000Z-2359Z, Jul 30
+ RSGB IOTA Contest	1200Z, Jul 30 to 1200Z, Jul 31
+ Tennessee State Parks on the Air	1400Z-2200Z, Jul 30 and 1400Z-2200Z, Jul 31
+ WAB 144 MHz Low Power Phone	1400Z-1800Z, Jul 30
+ ARS Flight of the Bumblebees	1700Z-2100Z, 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: <http://www.ng3k.com>

<b>July</b>						
2022 Jul01	2022 Jul05	<b>Fernando de Noronha</b>	<b>ZY0FUN</b>	LoTW	<a href="#">TDDX</a> 20220607	By PY2RN; 40-6m; CW FT8; also satellites; holiday style operation; QSL via Club Log OQRS
2022 Jul01	2022 Jul12	<b>Namibia</b>	<b>V5</b>	LoTW	<a href="#">TDDX</a> 20220411	By HB9BFM as V5/HB9BFM fm Luderitz (JG73ni) and Simplon/Sandverhaar (JG83qe); 80-15m; QSL via HB9BFM (B/d)
2022 Jul04	2022 Aug04	<b>Nicaragua</b>	<b>YN2RP</b>	LoTW	<a href="#">DXNews</a> 20220531	By NN3RP; 40-10m; CW SSB + digital; QSL via NN3RP
2022 Jul05	2022 Aug02	<b>Nicaragua</b>	<b>YN2RP</b> <small>NEW</small>	LoTW	<a href="#">425DXN</a> 20220624	By NN3RP; HF; SSB CW + digital; QSL via NN3RP direct; holiday style operation
2022 Jul07	2022 Jul14	<b>Monaco</b>	<b>3A</b> <small>NEW</small>	LoTW	<a href="#">425DXN</a> 20220624	By F6EXV PB8DX as 3A/F6EXV and 3A/PB8DX; HF; 3A6M on 6m; QSL via Club Log OQRS
2022 Jul10	2022 Jul16	<b>Tonga</b>	<a href="#">A35JP/p</a>	LoTW	JA0RQV 20220606	By JA0RQV fm Niuatoputapu I (OC-191); 80-6m; CW SSB FT8; QSL via JA0RQV (B/d, d w/ SASE); exact dates subject to change
2022 Jul13	2022 Jul20	<b>St Martin</b>	<b>FS</b>	eQSL	<a href="#">TDDX</a> 20220607	By W7NZJ as FS/W7NZJ; 20-10m; digital; 100w; Buddistick
2022 Jul14	2022 Jul21	<b>South Cook Is</b>	<b>E51RMP</b>	ZL4TE	<a href="#">TDDX</a> 20220620	By ZL4TE fm Rarotonga I (IOTA-013); HF; QRP
2022 Jul18	2022 Jul19	<b>South Cook Is</b>	<b>E51RMP</b>	ZL4TE	<a href="#">TDDX</a> 20220620	By ZL4TE fm Aitutaki I (IOTA-083); HF; QRP
2022 Jul23	2022 Jul28	<b>Alaska</b>	<a href="#">K7K</a>	N7RO	<a href="#">425DXN</a> 20220610	By KL5CX N3QQ N7QT NL8F W8HC fm Kiska I (IOTA NA-070, RO81sw); 40-6m; CW, SSB and FT8 (f/h); 3 stations
2022 Jul27	2022 Jul30	<b>Honduras</b>	<b>HR</b>	LoTW	<a href="#">TDDX</a> 20220610	By K6VHF as K6VHF/HR9 fm Roatan I (IOTA NA-057); 80-6m; FT8 CW SSB; QSL via K6VHF
2022 Jul27	2022 Aug07	<b>St Kitts &amp; Nevis</b>	<a href="#">V47JA</a>	LoTW	W5JON 20220530	By W5JON fm Calypso Bay; 160-6m, incl 60m; SSB FT8; yagi, verticals; QSL also OK via W5JON direct
<b><a href="#">RSGB IOTA Contest</a> (Jul 30-31, 2022) Check here for pericontest activity too.</b>						





How many times have you had to ask somebody to repeat their callsign because they said it so fast? More than a few, I bet. And there most likely have been times where somebody asked us to repeat ours because of the same reason. Sometimes it might be necessary when you're trying to join a QSO where nobody is leaving any gaps (hint, hint) but how about the times when you key up with your callsign just to let people know you're on the air? You know your callsign but that doesn't mean everybody else does, even when you are using a local repeater. And since we seem to be having some new hams on the local repeaters, saying your callsign slower makes it easier for everybody.

Saying your callsign slower will help everybody get to know you faster—and using phonetics can also be a big help. This is also true for everybody checking into a net. Not only is it easier for Net Control to hear your callsign, it also makes it easier to write down everybody's callsign. Being a Net Control myself, I know firsthand about that. This is also true on the HF bands where static and poor signals can make it hard to hear somebody's callsign. So slow down and take it easy—it's one small way to being a good ham radio operator.

73 de K8PRR - Mike



# DOG-GONE MISCOMMUNICATION LEADS TO GREAT CIVIC CLUB PRESENTATION

By [WBØRUR](#), on the scene

**SPARK GAP, Nevada** – A misunderstanding resulted in extra work – but a great presentation – by a rural Comanche County ham radio operator. Justin Nightingale is the public information officer for the “Bluff-dwellers Amateur Radio Klub” (BARK) of Spark Gap, Nevada. During the club’s October meeting, President George Loganmiller asked Nightingale to prepare a “dog and pony” show demonstrating ham radio .for an upcoming Noon Hour Kiwanis Club meeting.



Mr. Buttons, shown here in his owner’s shack last week, found propagation conditions to be “ruff

Unaware that the phrase “dog and pony show” means an “interesting and detailed public relations presentation,” Nightingale set forth to train his family dog to use a single sideband transceiver and make a QSO.

“Mr. Buttons was skittish at first and unable to use the PTT switch since his “dew claw” had gotten caught in that barbed wire fence and was still healing. Using a foot switch was also impossible, as the dog wasn’t able to depress the foot pedal,” says the ham radio operator turned dog trainer. “But we kept at it. Things progressed better when he operated VOX.”

Nightingale says after several days of training and several pounds of raw hamburger, the dog got on the air, making a total of 36 contacts with 12 states and 4 countries.

“His operating practices were really bad,” says Nightingale, who remained control operator of all transmissions. “He stepped on other operators’ transmissions, un-keyed the microphone only to immediately key up and start talking again, failed to ID frequently enough, tried to work simplex when he should have been split frequency and talked about topics which are usually off-limits on HF.”

“Due to the inherent limitations of the dog brain and the challenge of time and space relationships, ‘Mr. Buttons’ also had trouble figuring out UTC and calculating the offset hours for our mountain time zone.”

“Probably the most difficult thing we had to overcome was his incessant and repeated 5×9 signal reports,” says Nightingale. “I tried to explain to him that not EVERYONE could be 5×9, but he didn’t seem to comprehend. You know, he gave me that funny cocked head / ears perked up look.”

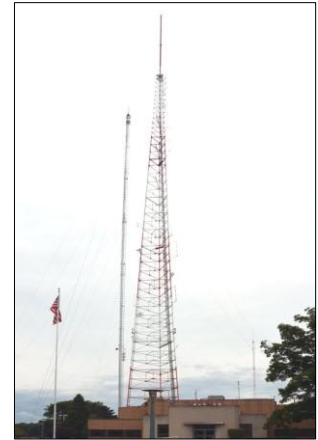
In the end, the Kiwanis Club warmly received Nightingale and Mr. Buttons. However, the group says they were very disappointed that a pony wasn’t also involved.

The canine communicator now operates primarily CW on the low end of 20 meters and is said to be thinking seriously about moon-bounce operations.

### [hamhijinks.com](#)

# ARES July Live Action

July 16 ARES will be doing training in support of a live action drill later in the year. Our original intent was to do a live drill in July and have people drive to various locations in Mahoning County that would likely be important in a disaster, such as local hospitals, EMA, etc. With the current gas prices, we can't see asking people to use their gas for a drill and have revised the event to be a training session on using and programming your HT for alternate repeaters and simplex frequencies.



The training will be in person at the pavilion in Poland Township Park. Since we will be in the park, we are combining the training with an informal picnic. Nothing fancy, we just ask anyone attending to bring a lunch for themselves and a snack to share. Details on the start time will be announced in the next few days.

Our original exercise plan was to simulate the 146.745 repeater going dead and moving our volunteers to alternate repeater and simplex frequencies. We will still stay with this theme but will be able to help anyone having trouble programming their HT during the training. Frank, WB8YHD, sent all registered volunteers an email recently reminding them of the procedure for repeater failure. If you are not registered or did not receive the email, please drop us an email at [mahoning.ares@gmail.com](mailto:mahoning.ares@gmail.com). We will also be discussing a standard frequency plan for programming radios, using Chirp for programming, and the ICS 205 form for planning radio frequency usage.

Our August plans are to hold training on alternative power sources, and we are looking for a lot of show and tell. If you have an alternate power setup that is portable, please plan to bring it and explain your setup. Lithium batteries have become all the rage and we know many of our volunteers are set up to operate from them.

Membership in MC ARES is free and all amateur radio operators are welcome to join. If you are interested in public service and emergency communications and would like to join, please visit our web site at [www.mahoning-ares.org](http://www.mahoning-ares.org) and fill out and return an application form.

# Field Day 2022--CW Memories for Talented YL

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Field Day 2022 will be a special Field Day to remember for Katie Campbell. Katie and her Mom, Colleen visited the Mahoning Valley Amateur Radio Association's (MVARA) Field Day operation at the Mill Creek Metro Parks Farm on Route 46, Canfield Ohio. The MVARA's 8 station setup included 5 phone stations, 2 digital stations and only one CW station, but the CW station was what Katie was interested in seeing most.

That makes sense as Katie is one of the youngest CW instructors for the Long Island CW Club (LICW). She's become an instructor after she completed the LICW kids beginning, intermediate and advanced CW Zoom Classes taught by Robb Zarges, K2MZ. With all that CW background, Katie had a real desire to make a CW contact for Field Day 2022.



When Katie and her Mom walked up to the lone MVARA CW station, operator Frank Sole, WB8YHD, was focused on making contacts and didn't really notice them for a bit. Finally, they got his attention and Katie was invited to listen in on a spare set of headphones. Following a few more contacts where Frank explained how the computer, radio and software all worked together to make a CW contact, Katie was ready to give it a try. Frank and Katie changed chairs and a station calling CQ FD was tuned in. Katie caught the call and the exchange on her first try and with a little coaching worked through the computer/radio mechanics of making her first Field Day CW contact and the MVARA had another one in the logs.

The MVARA was very happy to provide Katie her Field Day opportunity and have invited her back for more fun next year.

Katie is a great example of what young people can do in Amateur Radio and how Amateur Radio can benefit young people that take an interest in the Service. Katie's interest in radio began in 5<sup>th</sup> grade at her middle school. Wade Boley, N8YMX, the school's resource officer started a student Amateur Station at her school and Katie got the bug. She received her Technician's license at 10 years of age and quickly upgraded to General and then Extra. Last year as an 8<sup>th</sup> grader she was president of the school radio club, K8LPS. That call is probably familiar to you if you've worked the ARRL School Club Roundup as it has regularly placed in the top 5 over the past few years. Katie and her friends know what they're doing.

Katie's amateur radio experience doesn't end with her school's radio club. Not only is she a LICW member and instructor, she is an active member of the Young Amateur Communications Ham Team (YACHT), she is a YLRL member, is the YLRL Youth Chairwoman and gave the YLRL Forum presentation at the 2022 Dayton Hamvention. She has participated in the QSO Today Online Hamfest with Carol Perry's youth forums. She just recently returned from the Youth on the Air Camp (YOTA) in Cincinnati at The Voice of America Museum. She's also a member of Lisbon Area Amateur Radio Association.



In addition to her passion for Amateur Radio Katie is active in school as a cross country runner, a swimmer, she's her class president, she's in the Academic Challenge and Interact Club, and plays flute in the marching band. She also plays ukulele and guitar for fun. Her hobbies are painting, traveling, and crafting. She has been in a local group called GLOW (girls leading our world) for the last four years and is passionate about encouraging young females in STEM.

Katie just finished 8th grade so she is now a High School freshman looking forward to making many more memories. Field Day always makes memories for Amateur Radio operators, but Field Day 2022 will be a special memory for Katie Campbell, her first CW Field Day contact and the MVARA was happy to provide the opportunity for her making that memory.

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## In case you missed it . . . local media coverage from WFMJ 21

[https://www.wfmj.com/clip/15326000/amateur-radio-emergency-preparedness?fbclid=IwAR0HjWkwmY\\_pi\\_MW6xwNMjRsUsNEkW3X8VZxaWH7EXONZIRmxT3qhgbV5HE#.Yru8pICe4Dg.facebook](https://www.wfmj.com/clip/15326000/amateur-radio-emergency-preparedness?fbclid=IwAR0HjWkwmY_pi_MW6xwNMjRsUsNEkW3X8VZxaWH7EXONZIRmxT3qhgbV5HE#.Yru8pICe4Dg.facebook)

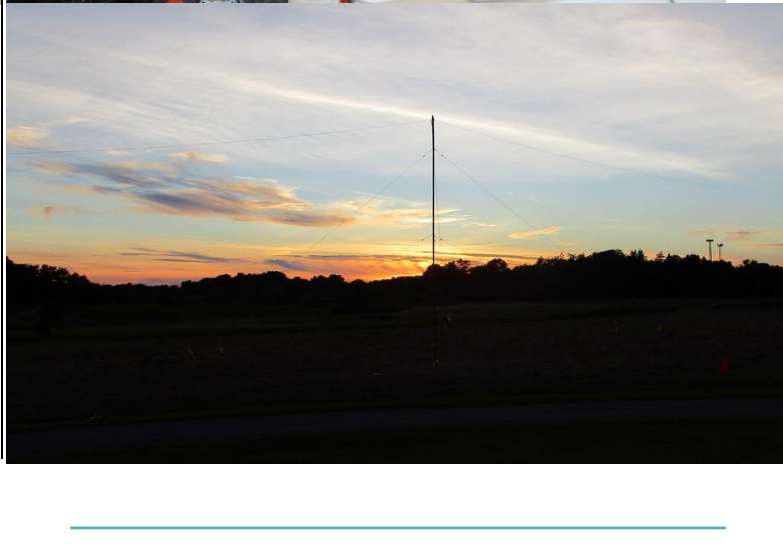
### AMATEUR RADIO EMERGENCY PREPAREDNESS >

#### Amateur Radio emergency preparedness

Sunday, June 26th 2022, 10:35 AM EDT











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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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