



**August 2021  
Our 102nd Year  
Volume 59, 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**

Another Field Day is in the books and even though we had a few trials and tribulations, we managed to pull it off.

On Friday there were a few of the guys out at the farm putting up antennas until 9:30 PM. Saturday didn't start out much better, but through hard work and perseverance to the members of this club we got it all going.

We had some issues getting the N3FJP software linked up and working and all the computers seeing the server laptop. Through the hard work of John DeGutis N8LVA, Joe Vasco, N8SEJ, and Rich Slutz, KB8GAE--problem solved.

Frank Sole WB8YHD tried a new setup this year. What he didn't plan for was the length of the coax and was about 10 feet short of the radio so he was changing coax all day and night for the separate bands that he had the antennas tuned for.

Frank did well on 20, 40 and 80 meter bands using his horse fence antenna and 3 different dipoles even one that he borrowed from his brother Fred, WB8LVP. Frank really does well on CW and reports that he really enjoys working it. I guess we will have to count on him for that in the future.

John DeGutis, N8LVA, and Roy Dyckman, KD8JMO, worked mostly 40 meters and did well. Roy was there to offer John some advice and help him out as it was his first real Field Day where he was designated a radio. John had been on a couple of other Field Days, but had not been on the air for significant amounts of time. I even saw Allan Scannell, KE8ADY, over at John's radio for a while. At least until I came booming in on them because we were working the same band.

Dave Brett, KD8NZF, had some trouble. It seems that slightly high SWR kept



affecting his radio. After what seemed like hours of working on his antenna setup, he had a SWR of slightly over 2:1 and the radio he was using was rolling back the power on him. It was not his antenna because after he and Nancy went home I ran a coax all the way from one corner of the barn to the other corner and the antenna performed great with my auto-tuner.

With this year's duties light on the food preparations, Dean, W8YSU, did his usual great job feeding us all. I even saw Dean working a radio for several hours with Joe Vasco, N8SEJ, on both Saturday and Sunday. It was good to see Dean on the radio. I think he really had a lot of fun.

John Morris had an excellent time on 20 meters even made a contact in Russia.

Rich Slutz has sent out the points to us and without any of the folks that operated at home that are submitting their scores under club scoring we had a score of 3,194.

(continued pg. 9)

**Next Meeting:  
August 12**

**Corn roast, 6:30 PM,  
Hofmaster Pavilion,  
Boardman Park.**

### 2019 Officers

President: Scott Wilton, KE4UHC  
Vice President: Mike McCleery,  
K8PRR  
Secretary: Ray Bishop, W8CSM  
Treasurer: Dean DeMain, W8YSU  
Trustees: Joe Vasko, 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 Nancy,  
[kd8gny@zoominternet.net](mailto:kd8gny@zoominternet.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.

## Corn Roast



The MVARA annual Corn Roast will be **Thursday August 12<sup>th</sup>**  
in Boardman Twp. Park, It will take place at the Hofmaster  
Pavilion. This is located right in the middle of the park near the  
Kids Town Play area.

All members, non-members and their families are encouraged to  
attend! We will eat dinner at about 6:30 pm, but you can arrive  
anytime after 5:30 pm to help shuck the corn.

As in the past the club will provide the hamburgers, hotdogs,  
corn, beverages, and table settings. Those attending are asked to  
bring a **covered dish or dessert** to share (DON'T FORGET TO  
BRING A SERVING SPOON OR FORK FOR YOUR DISH!!).

If you have any questions please contact Dean DeMain (W8YSU)  
@ 330-507-9295 or E-mail [w8ysu@arrl.net](mailto:w8ysu@arrl.net)

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

Hope to see you all there,  
Dean DeMain, W8YSU

### License Refresher Answers:

E3A01 (D)  
E3A02 (B)  
G6B01 (C)  
G6B02 (B)

## Current Activities

**August 1:** Car Show Special Event Station, Boardman Park. See article for details.

**August 12:** Monthly meeting/corn roast, 6:30 PM, Boardman Park. See article for details.

### Contact Us:

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

**09/12/2021 - Findlay Hamfest** - Location: Findlay, OH - Sponsor: Findlay Radio Club - Website: <http://www.findlayradioclub.org/hamfest> - Learn More <http://www.arrl.org/hamfests/findlay-hamfest-8>

**09/18/2021 – CMARC Hamfest** – Location: Okemos, MI, Okemos Conference Center, 2187 University Park Drive, 48864, from 9:00 a.m. to 2:00 p.m. – Sponsor: Central Michigan Amateur Radio Club. Website: <https://www.centralmiarc.com/hamfest.php> To register, or for any HAMFEST questions, please send an email to: [hamfest@centralmiarc.com](mailto:hamfest@centralmiarc.com).

**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](mailto: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](mailto:frankarmstrong@insightbb.com)

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





# 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)
- 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](mailto:cct66000@gmail.com)**

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Two {2} sections of Rohn 25 tower. Needs paint

Cuschcraft R-5 Vertical, and manual. {has not been used in 2 years}

\$100.00 \***FIRM.**\*

**Contact: Jon Kovacs, K8LY, 330-883-7285 cell and text**

I'm doing an informal survey. If you've read to at least this point in the newsletter, please email me, [mh@zoominternet.net](mailto:mh@zoominternet.net), with "Newsletter" in the subject line.

# Ham Humor: MAN CAN'T FIND JOHNSON

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## A Ham Hijinks staff report

**CHOUJIAN, China** — Taking a cue from a popular Coca-Cola trend, Pofung has announced a new branding effort. But, it's left at least one ham disappointed.

New handheld radios will feature first names printed on the front of the device, along with the phrase "Share A Pofung With." More than 1,000 names will be available, according to the company.

"Our radios cost about the same as a soft drink, so we thought we would try it," Pofung executives said in a news release.

The company says they hope that ham radio operators will consider buying the inexpensive radios in bulk, too. New advertisements will encourage customers to "share a six-pack with your club."

Some ham radio operators aren't impressed, though. "I can't find my name on one," said Johnson Longfellow, W7XXO.

Look for the personalized Pofungs at ham radio stores in the U.S. and U.K. next month.

### HamHijinks.com

# We're Going to the Car Show!

One of our favorite events is reopening for 2021, The Mahoning Valley Old Car Club show at Boardman Park. 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's 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 antenna, usually a 40M inverted V dipole. We ask everyone attending to bring something for lunch to share.

The show is August 1<sup>st</sup>, c'mon down and get on the air with us.

[www.mvocc.com](http://www.mvocc.com)



## Most 2021 Field Day Participants Entered in Class D

In the second year in which rule waivers were in place for ARRL Field Day, some 4,815 entries were received at ARRL Headquarters by July 13 — the majority in Class D (Home Stations). Last year saw more than 10,213 entries and 18,886 participants. Before the pandemic, in 2019, 3,113 entries were submitted, with 36,420 total participants.

“It appears that larger groups were more the norm in pre-pandemic times, as expected,” ARRL Contest Program Manager Paul Bourque, N1SFE, observed. “From the discussions I’ve been having with participants, even though some groups gathered in larger numbers this year, many participants chose either to gather in smaller groups or to operate solo from home as Class D or Class E stations. Although I don’t think we’ll see the number of entries that we did last year, we’re close in terms of the number of participants.”

With about 2 weeks to go until the entry submission deadline, the tally of participants reported is 16,166. They made just north of 1 million total contacts.

Andy Goss, AA5JF, took part in the first-ever Field Day for the Augusta University Amateur Radio Club (WA4AUG), which set up in the Georgia school’s Critical Event Preparedness and Response (CEPaR) Center.

“FD was already a success on Saturday, with the stations working smoothly, and lots of local visitors dropping by. An hour after sunrise on Sunday, we were counting our points, when Darby, KK4PEQ, announced he had just worked a station on 6-meter phone — just playing around on 50 MHz .

*(Continued next page)*

using the 20/15/10 tribander,” Goss said. “He stayed on 6 for five QSOs, but we quickly [moved] to 10 and 15, finding those bands were open to just about everywhere, and we doubled our score in just 3 hours. What a rush!

There’s still time to submit your 2021 Field Day entry. Most of this year’s Field Day entries have been **submitted online** (worth 50 bonus points!), although some 50 paper logs have been mailed in. Participants can check the **Entries Received** page to make sure their entries were received and complete. If the entry status indicates “Pending documents,” either the required dupe sheet (or in lieu of that, a Cabrillo log file) or supporting documentation of claimed bonus points is missing. Bourque said some 250 entries fall into that category right now. Participants can add documentation or edit their entries by following the link provided in the confirmation email sent to the email address provided upon entry, up until the entry submission deadline. Field Day entries must be submitted online or postmarked no later than 2059 UTC on July 27, 2021.

The breakdown of Field Day entries by class, as of July 13, showed 4,815 total entries, with 613 in Class A, 582 in Class B, 57 in Class C (Mobile), 2,619 in Class D, 858 in Class E, and 86 in Class F.

--ARRL

## Events Moving to the Hope Hotel

Attention Contesters and DXers! Contest-related activities that have previously taken place at the Crowne Plaza Hotel during the Dayton Hamvention® are moving to the Hope Hotel beginning in 2022. In May 2022, official Contesting activities will be at the Hope Hotel, including four nights of the Contest Super Suite, Contest University, The Top Band Dinner, The Contest Dinner and the KC DX Club CW copying competition. There may be additional related events as well.

The Hope Hotel is an excellent facility, well suited for Contesters and DXers. There is plenty of parking and it is located closer to the Hamvention than the downtown Dayton hotels. The Hope Hotel is adjacent to the Wright-Patterson Air Force Base. Guests do not go through the security gate. We have spent almost two years working on this project and we believe you will enjoy the change of venue.

Room reservations will be taken by the Hope Hotel starting on Tuesday June 8, 2021 at 9 AM EDT. Do not call them before that time. You can get room reservations by phone only. If you try to book on line you will see that there are no rooms for those dates. Every room in the Hope Hotel has been blocked for Contesters and DXers for Hamvention week.

Starting Tuesday June 8, 2021 at 9 AM EDT, you can call 937-879-2696 and ask for a reservation in the Contest University 2022 room block. There is no minimum night commitment. The room rate is \$143 per night plus tax and that includes a hot buffet breakfast each day of your stay. The room rate is the same for a single queen, two queens or a single king with a pull out.

If you have 2022 reservations at the Crowne Plaza (now the Radisson Hotel Dayton) you can contact the Radisson at (937) 224-0800 to cancel and obtain any refunds. The Radisson is aware of the venue change for our activities. We look forward to seeing you on Wednesday night, May 18, 2022, for the first night of the 2022 Contest Super Suite at the Hope Hotel. <https://www.hopehotel.com/>

—Tim, K3LR



# License Refresher

**It's probably been awhile 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

### E3A01

What is the approximate maximum separation measured along the surface of the Earth between two stations communicating by EME?

- A. 500 miles, if the moon is at perigee
- B. 2000 miles, if the moon is at apogee
- C. 5000 miles, if the moon is at perigee
- D. 12,000 miles, if the moon is visible by both stations

### E3A02

What characterizes libration fading of an EME signal?

- A. A slow change in the pitch of the CW signal
- B. A fluttery irregular fading
- C. A gradual loss of signal as the sun rises
- D. The returning echo is several hertz lower in frequency than the transmitted signal

## General Pool

### G6B01

What determines the performance of a ferrite core at different frequencies?

- A. Its conductivity
- B. Its thickness
- C. The composition, or "mix," of materials used
- D. The ratio of outer diameter to inner diameter

### G6B02

What is meant by the term MMIC?

- A. Multi-Megabyte Integrated Circuit
- B. Monolithic Microwave Integrated Circuit
- C. Military Manufactured Integrated Circuit
- D. Mode Modulated Integrated Circuit

Answers pg.2



## Prez Sez, Continued

We also made the 6 an 11PM WKBN news and were on the front page of the following Monday's Vindicator.

It's never too soon--we are going to start planning for the event now. We are going to create the goal of operating 8A and shoot for that number. We can rank higher in the points system running 8A as there is less competition. Great job everyone--you should be proud!

73,  
Scott, KE8UHC

## Stations to Celebrate Fourth Anniversary of FT8

Many stations will take to the airwaves August 2 – 15, to celebrate the **4th anniversary of FT8**. All stations will use call signs with “FTDMC” or “FTDM” in the suffix. The activity also celebrates the 2nd anniversary of the FT8 Digital Mode Club. Logs will be uploaded to LoTW and eQSL. QSL cards will be available.

Stations planning to participate include: 4J8FTDM, OZ8FTDMC, RO3FTDM, 9K8FTDMC, A60FTDMC, DQ8FTDMC, GB0DMC, HZ8FTDMC, and many others. A certificate will be available with bronze, silver, gold, and platinum levels for working them. — Thanks to *The Daily DX*

| Band Activity     |  | Rx Frequency |    |         |                         |
|-------------------|--|--------------|----|---------|-------------------------|
| Message           |  | UTC          | dB | DT Freq | Message                 |
| VE6EY W5ZIT RRR   |  | 225630       | 0  | 0.0     | 282 ~ W1CAM NA2U R-11   |
| N7MJ KK4MZR FM05  |  | 225645       | -2 | 0.3     | 282 ~ NA2U W1CAM RRR    |
| W8VVE K9BO R-08   |  | 225700       | -4 | 0.8     | 282 ~ W1CAM NA2U 73     |
| N2IGW KG5LLO 73   |  | 225715       | -4 | 0.3     | 282 ~ NA2U W1CAM 73     |
| PY4KP W4IMD R-19  |  | 225734       | Tx |         | 282 ~ W1CAM VE6EY DO20  |
| NE8Z K4MY R+08    |  | 225745       | -2 | 0.3     | 282 ~ CQ W1CAM EN11     |
| W1KOK JJ2LPV PM85 |  | 225800       | Tx |         | 282 ~ W1CAM VE6EY DO20  |
| NOGTO JA2FSM RRR  |  | 225815       | -3 | 0.3     | 282 ~ VE6EY W1CAM -06   |
| ----- 20m         |  | 225830       | Tx |         | 282 ~ W1CAM VE6EY R-03  |
| VE6EY W5ZIT 73    |  | 225845       | -5 | 0.3     | 282 ~ VE6EY W1CAM -06   |
| AG9S NA4EA +08    |  | 225900       | Tx |         | 282 ~ W1CAM VE6EY R-05  |
| W8VVE K9BO -03    |  | 225915       | -8 | 0.3     | 282 ~ VE6EY W1CAM RRR   |
| CQ KG5LLO EM54    |  | 225930       | Tx |         | 282 ~ W1CAM VE6EY 73    |
| PY4KP W4IMD 73    |  | 225945       | -5 | 0.3     | 282 ~ VE6EY W1CAM 73    |
| TI4DJ KD9TZ R-10  |  | 230000       | 1  | 0.4     | 1688 ~ CQ W5ZIT DM42    |
| NE8Z K4MY R+08    |  | 230019       | Tx |         | 1688 ~ W5ZIT VE6EY DO20 |
| W1KOK JJ2LPV PM85 |  | 230030       | 5  | 0.4     | 1688 ~ VE6EY W5ZIT -06  |
| HC7AE AE4VJ R-06  |  | 230045       | Tx |         | 1688 ~ W5ZIT VE6EY R+05 |
| W0MU PY2WND GG68  |  | 230100       | 5  | 0.3     | 1688 ~ VE6EY W5ZIT RRR  |
| CQ KQ40A EM63     |  | 230115       | Tx |         | 1688 ~ W5ZIT VE6EY 73   |
| NOGTO JA2FSM RRR  |  | 230130       | -3 | 0.4     | 1688 ~ VE6EY W5ZIT 73   |

BY DAN KB6NU



Along those lines, it occurred to me that one way to do that might be to plan a special event station for every week (or maybe every other week) of the summer. You could combine your love of amateur radio with other fun summertime activities.

Another event that's coming soon is [National Lighthouse/Lightship Weekend \(NLLW\)](#), August 7 and 8. NLLW is an annual celebrating the anniversary of the establishment of the United States federal lighthouse service. This is a day to celebrate lighthouses, lightships and the commitment and service of those who tended America's lights for generations. I've operated from [Pointe aux Barques Lighthouse](#) here in Michigan several times on this weekend and plan to do so again this year.

Do you know when your city or town was founded? Find out, and if it's in the summer sometime, set up a portable station in a city park to celebrate the city's anniversary.

Start researching the possibilities and planning the events, so that next summer you're ready to go.

*Dan's mission--aside from making at least three CW contacts per day, is to help people have fun with ham radio. He's the author of the [No Nonsense amateur radio license study guides](#), [21 Things to Do After You Get Your Amateur Radio License](#), and [The CW Geek's Guide to Having Fun with Morse Code](#).*

# Contest and Special Event Operating Information

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

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

## August 2021

|  |  |
|--|--|
| + SARL HF Phone Contest                              | 1400Z-1700Z, Aug 1   |
| + K1USN Slow Speed Test                              | 0000Z-0100Z, Aug 2   |
| + Worldwide Sideband Activity Contest                | 0100Z-0159Z, Aug 3   |
| + ARS Spartan Sprint                                 | 0100Z-0300Z, Aug 3   |
| + RTTYOPS Weeksprint                                 | 1700Z-1900Z, Aug 3   |
| + Phone Weekly Test - Fray                           | 0230Z-0300Z, Aug 4   |
| + CWops Mini-CWT Test                                | 1300Z-1400Z, Aug 4   |
| + VHF-UHF FT8 Activity Contest                       | 1700Z-2000Z, Aug 4   |
| + CWops Mini-CWT Test                                | 1900Z-2000Z, Aug 4   |
| + CWops Mini-CWT Test                                | 0300Z-0400Z, Aug 5   |
| + CWops Mini-CWT Test                                | 0700Z-0800Z, Aug 5   |
| + RTTYOPS Weeksprint                                 | 1700Z-1900Z, Aug 5   |
| + NRAU 10m Activity Contest                          | 1700Z-1800Z, Aug 5 (CW) and<br>1800Z-1900Z, Aug 5 (SSB) and<br>1900Z-2000Z, Aug 5 (FM) and<br>2000Z-2100Z, Aug 5 (Dig) |
| + EACW Meeting                                       | 1900Z-2000Z, Aug 5   |
| + SKCC Sprint Europe                                 | 1900Z-2100Z, Aug 5   |
| + QRP Fox Hunt                                       | 0100Z-0230Z, Aug 6   |
| + NCCC RTTY Sprint                                   | 0145Z-0215Z, Aug 6   |
| + NCCC Sprint  | 0230Z-0300Z, Aug 6   |
| + K1USN Slow Speed Test                              | 2000Z-2100Z, Aug 6   |
| + Batavia FT8 Contest                                | 0000Z, Aug 7 to 2359Z, Aug 8   |
| + 10-10 Int. Summer Contest, SSB                     | 0001Z, Aug 7 to 2359Z, Aug 8   |
| + European HF Championship                           | 1200Z-2359Z, Aug 7   |
| + SKCC Weekend Sprintathon                           | 1200Z, Aug 7 to 2400Z, Aug 8   |
| + Two-Meter Classic Sprint                           | 1300Z-1330Z, Aug 7   |
| + FISTS Saturday Sprint                              | 1600Z-1800Z, Aug 7   |
| + ARRL 222 MHz and Up Distance Contest               | 1800Z, Aug 7 to 1800Z, Aug 8   |
| + North American QSO Party, CW                       | 1800Z, Aug 7 to 0559Z, Aug 8   |
| + K1USN Slow Speed Test                              | 0000Z-0100Z, Aug 9   |
| + 4 States QRP Group Second Sunday Sprint            | 0000Z-0200Z, Aug 9   |
| + Worldwide Sideband Activity Contest                | 0100Z-0159Z, Aug 10  |
| + RTTYOPS Weeksprint                                 | 1700Z-1900Z, Aug 10  |
| + NAQCC CW Sprint                                    | 0030Z-0230Z, Aug 11  |
| + Phone Weekly Test - Fray                           | 0230Z-0300Z, Aug 11  |
| + CWops Mini-CWT Test                                | 1300Z-1400Z, Aug 11  |
| + MMonVHF/DUBUS 144 MHz Meteorscatter Sprint Contest | 1500Z, Aug 11 to 1459Z, Aug 13   |
| + VHF-UHF FT8 Activity Contest                       | 1700Z-2000Z, Aug 11  |
| + CWops Mini-CWT Test                                | 1900Z-2000Z, Aug 11  |
| + CWops Mini-CWT Test                                | 0300Z-0400Z, Aug 12  |
| + CWops Mini-CWT Test                                | 0700Z-0800Z, Aug 12  |
| + RTTYOPS Weeksprint                                 | 1700Z-1900Z, Aug 12  |
| + EACW Meeting                                       | 1900Z-2000Z, Aug 12  |
| + QRP Fox Hunt                                       | 0100Z-0230Z, Aug 13  |

|                                       |   |
|---------------------------------------|---|
| + NCCC RTTY Sprint                    | 0145Z-0215Z, Aug 20   |
| + NCCC Sprint                         | 0230Z-0300Z, Aug 20   |
| + K1USN Slow Speed Test               | 2000Z-2100Z, Aug 20   |
| + SARTG WW RTTY Contest               | 0000Z-0800Z, Aug 21 and<br>1600Z-2400Z, Aug 21 and<br>0800Z-1600Z, Aug 22 |
| + ARRL 10 GHz and Up Contest          | 0600 local, Aug 21 to 2400 local, Aug 22                                  |
| + Russian District Award Contest      | 0800Z, Aug 21 to 0800Z, Aug 22  |
| + Keyman's Club of Japan Contest      | 1200Z, Aug 21 to 1200Z, Aug 22  |
| + Feld Hell Sprint                    | 1600Z-1759Z, Aug 21   |
| + North American QSO Party, SSB       | 1800Z, Aug 21 to 0559Z, Aug 22  |
| + CVA DX Contest, CW                  | 2100Z, Aug 21 to 2100Z, Aug 22  |
| + ARRL Rookie Roundup, RTTY           | 1800Z-2359Z, Aug 22   |
| + K1USN Slow Speed Test               | 0000Z-0100Z, Aug 23   |
| + Worldwide Sideband Activity Contest | 0100Z-0159Z, Aug 24   |
| + RTTYOPS Weeksprint                  | 1700Z-1900Z, Aug 24   |
| + SKCC Sprint                         | 0000Z-0200Z, Aug 25   |
| + Phone Weekly Test - Fray            | 0230Z-0300Z, Aug 25   |
| + CWops Mini-CWT Test                 | 1300Z-1400Z, Aug 25   |
| + CWops Mini-CWT Test                 | 1900Z-2000Z, Aug 25   |
| + CWops Mini-CWT Test                 | 0300Z-0400Z, Aug 26   |
| + CWops Mini-CWT Test                 | 0700Z-0800Z, Aug 26   |
| + RTTYOPS Weeksprint                  | 1700Z-1900Z, Aug 26   |
| + EACW Meeting                        | 1900Z-2000Z, Aug 26   |
| + QRP Fox Hunt                        | 0100Z-0230Z, Aug 27   |
| + NCCC RTTY Sprint                    | 0145Z-0215Z, Aug 27   |
| + NCCC Sprint                         | 0230Z-0300Z, Aug 27   |
| + K1USN Slow Speed Test               | 2000Z-2100Z, Aug 27   |
| + RTTYOps WW DX RTTY Contest          | 2200Z, Aug 27 to 1200Z, Aug 28 and  |
| + Hawaii QSO Party                    | 0400Z, Aug 28 to 0400Z, Aug 30  |
| + ALARA Contest                       | 0600Z Aug 28 to 0559Z, Aug 29   |
| + YO DX HF Contest                    | 1200Z, Aug 28 to 1200Z, Aug 29  |
| + World Wide Digi DX Contest          | 1200Z, Aug 28 to 1200Z, Aug 29  |
| + W/VE Islands QSO Party              | 1200Z, Aug 28 to 0300Z, Aug 29  |
| + Kansas QSO Party                    | 1400Z, Aug 28 to 0200Z, Aug 29 and<br>1400Z-2000Z, Aug 29                 |
| + Ohio QSO Party                      | 1600Z, Aug 28 to 0400Z, Aug 29  |
| + CVA DX Contest, SSB                 | 2100Z, Aug 28 to 2100Z, Aug 29  |
| + SARL HF CW Contest                  | 1400Z-1700Z, Aug 29   |
| + K1USN Slow Speed Test               | 0000Z-0100Z, Aug 30   |
| + QCX Challenge                       | 1300Z-1400Z, Aug 30   |
| + QCX Challenge                       | 1900Z-2000Z, Aug 30   |
| + Worldwide Sideband Activity Contest | 0100Z-0159Z, Aug 31   |
| + QCX Challenge                       | 0300Z-0400Z, Aug 31   |
| + RTTYOPS Weeksprint                  | 1700Z-1900Z, Aug 31   |



## *The Last Word*



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[MVARAVoiceCoil@gmail.com](mailto: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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