



October 2021
Our 101th Year
Volume 59, Issue 10

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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

It's that time of year again--it starts to get dark earlier and the ol' mercury starts to dip a little lower and then some. I'm positive that we are going to get another warm spell maybe a few days or maybe a week. It will warm up before it gets down there for the fall and winter. Not one of my favorite seasons at all. I can handle fall, but that other nasty word that follows is not a friend of mine.

With the dog days of summer waning down to a whimper, this is the time of year to throw on a hoodie or sweatshirt and check out your outdoor antenna connections and cables.

Now don't go climbing any towers or ladders to the second floor or higher if you're not capable of doing so. I don't want anyone getting hurt just because ol' Scott said to do it. Instead call me and we will get someone over there to help you.

You and I can stand on the ground where it is nice and safe sipping hot chocolate, while we tell someone else:

"Don't worry you're going to be ok!"

"Looking good up there!"

Don't worry we will save some hot chocolate for you."

Stay safe out there folks.

73,
Scott



Elections

It's that time of year again--time for elections. We are in need of nominations for president, secretary, and two trustee.

If you know of someone who would be a good candidate, please let us know either through the website at mvara.org or email us at mvara.w8qly@gmail.com and we will take it from there.

Next Meeting:

Thursday Oct. 14:
Monthly Meeting 7pm,
GOP HQ, 8381 Market
St., Boardman, OH 44512

A BIG THANK-YOU!!

2021 Officers

President: Scott Wilton, KE4UHC
Vice President: Mike McCleery,
K8PRR
Secretary: Ray Bishop, W8CSM
Treasurer: Dean DeMain, W8YSU
Trustees:
Andy Brinco, WA8ZLK
John DeGutis, N8LVA
Mark Haverstock, K8MSH
Joe Vasko, N8SEJ

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,
kd8qny@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

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.

On behalf of the Poland Fire Dept. I would like to thank the following Hams who came out and helped with the Celebrate Poland Parade on September 25th. W8YSU, KD8DEL, WB8YHD, N8DMC, KC8SOY, K8PRR, KE8HHH, KE4UHC, KE8ISI, KC8SYF, KE8SKL, KE8OKO, & N8LVA. The Poland Fire Department also would like to thank all of us for helping with this event every year!!

Thanks, Dean DeMain, W8YSU (pictures pg. 14)

Riding the Gain!

DX Engineering created a blog for Amateur Radio articles and hosts it on their website at:

<https://www.onallbands.com/>

In the blog you can find a variety of articles of interest to Hams, such as “Operating on the Low Bands –160 & 80 M”, “Portable Hamming”, “How to Choose a Watt Meter,”, and “Using the Icom IC-705 in the Field.” Funny thing about all these articles and more is that they were all done by MVARA member, Mark Haverstock, K8MSH.

Recently Mark posted an article titled “Noise Blanker, and Other Transceiver Features to Improve Copy.” Mark starts out saying “You probably have heard the old ham saying, “You can’t work ‘em if you can’t hear ‘em. When we can’t hear signals well, it’s easy to miss a lot of potential contacts—or even some rare DX. So how can you improve your odds?”

Just about all brands of HF radios have features that will help reduce noise and improve your ability to hear signals. The rest of the article describes the use of front panel controls found on modern radios that improve the readability of received signals. For our October meeting, Mark has volunteered to present take us through the use of the controls and demonstrate their effect on the received signals. Mark will be out of state on the date of our meeting but will join us via Zoom to present.

Mark your calendars for our meeting October 14th , 7:00pm, to talk with Mark about getting the best received signal from your radio.

Refresher answers: E3C01 (B) E3C02 (A) G7B01 (B) G7B02 (D)



Current Activities

Oct. 14: Monthly Meeting 7pm, GOP HQ and online.

Oct 6-Nov. 10 (Wednesdays): Tentative date for General Class license instruction, 7pm. Details to follow.

Contact Us:

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

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

Hamfest Calendar (Note that all are 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>

09/26/2021 - 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

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 <http://www.arrl.org/hamfests/massillon-ohio-hamfest>

Swap and Shop

I have a brand new, used twice, **TYT MD-9600 Dual Band Digital** DMR mobile unit. 50/25watt. I bought it from radio oddity on Amazon for \$269. I'm asking \$250 or best offer, local pick up. Contact by email, dragonspecpc@gmail.com or my cell call/text 234 575-3094. Comes with programming cable, but no software. Shaun Richey, KE8MOX.

ICOM 5100A Dual-Band 2m/70cm/D-Star Mobile Transceiver with Diamond MagMount antenna. Very good condition. \$295.00. Contact Joe, W0JO, (330) 219-1423.

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.

Continued pg. 9

LOCAL HAM TOLD TO “TURN UP THE MIC GAIN”



By [WBØRUR](#), on the scene

BILLINGSFIELD, Fla. — Local ham radio operator Stephen Blakely is confused and concerned over the purchase of a new microphone.

“I’ve not been able to make any contacts on the local repeater since I bought my mobile headset,” says Blakely.

The headset – which looks great, fits comfortably and has a frequency response from 30 Hz to 19,000 Hz – was purchased from a well-known national retailer of ham radio gear.

Although the high-tech black and chrome unit came with a detailed set of instructions, Blakely failed to read them and discarded the pamphlet with the unit’s packaging.

Now, he’s at a loss about what to do when fellow hams say “Turn up your mic gain!”

The newly licensed ham says the topic of “mic gain” was not covered in his entry-level ham radio class. And due to the headset failure he can’t respond and ask anyone what they are talking about.

Blakely says he’ll continue to listen to the local VHF repeater for now, but may get out of the hobby since it “seems to be very technical.”

[hamhijinks.com](#)

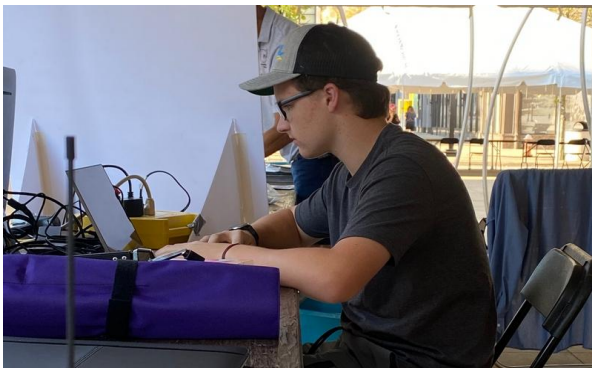
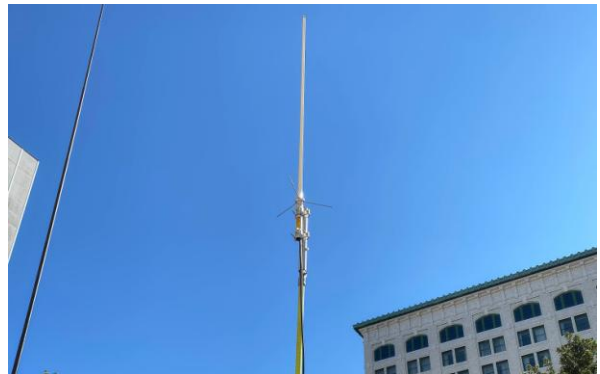
OH WOW!

On Sunday, September 19, a group of MVARA members spent the day at the Oh Wow children's museum Silly Science Sunday in downtown Youngstown. This event is to promote things related to science, technology, engineering and math. So, the MVARA fit right in explaining to visitors of all ages many aspects of amateur radio.

We had a HF radio set up and a 2-meter radio station so kids could talk on the repeater. A Morse code exhibit let the kids could tap out their name in CW. We even had a table so kids could have a bracelet made with their name in CW.

We had a lot of people stop by for a visit so we passed out numerous brochures. Thank you to the following people who volunteered their time: John, N8LVA – Ed, KE8NSW – Frank, WB8HYD – Rob, KE8OKO – Dottie, KC8SYF – Mike, KE8ISI – Aiden, W0TIS – Andy, WA8ZLK – Mike, K8PRR and Scott, KE4UHC, who was at home and gave the kids downtown somebody to talk to on the repeater. Thanks to John, N8LVA, for sharing his pictures from the event.

-Mike, K8PRR



Apply for a grant from the ARRL or ARDC

By Dan Romanchik, KB6NU

In our division director's September missive to the membership yesterday was this nugget:

ARRL IS CURRENTLY OFFERING GRANTS to fund amateur radio projects. This program, sponsored by the ARRL Foundation, is specifically for organizations and aimed primarily for education, licensing and support of ham activities. A special focus is on youth-related plans. We are now entering the last phase of this year's grant cycle, so the opportunity exists for your club or organization to submit a grant request. You can find the full details on the grant page of the ARRL web pages, check: <http://www.arrl.org/amateur-radio-grants>.



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The ARRL accepts grant requests three times a year:

- February 1 – February 28
- June 1 – June 30
- October 1 – October 31

Since this is September 1, you have two months to get your request in. As I've written before, our club was awarded \$1,500 to help us put up a tower for a club station at the Ann Arbor Hands-On Museum. The money is available. Go get it!

Get money from ARDC, too!

You can also get a grant for amateur radio projects from Amateur Radio Digital Communications (ARDC), the outfit I'm currently working for. ARDC grants money for projects that fall into one of the following three categories:

- Support and growth of amateur radio,
- Education, and
- Technical innovation.

Dan Romanchik, KB6NU, is the author of the KB6NU amateur radio blog (KB6NU.Com), the "No Nonsense" amateur radio license study guides (<https://KB6NU.Com/study-guides/>), and often appears on

the ICQPodcast (<https://icqpodcast.com>). He recently joined ARDC as their Content Manager. Among his responsibilities is spreading the word about all the cool things ARDC is doing for amateur radio.

ARDC has, for example, awarded grants to:

- An amateur radio club in Wisconsin (<https://www.ampr.org/grants-old/grant-chippewa-valley-arc-emergency-trailer-and-equipment/>) for upgrading their repeater systems and building an emergency communications trailer that they will also use to promote amateur radio in their area.
- A California high school (<https://www.ampr.org/grant-incorporating-constructivism-and-the-maker-mentality-at-california-high-school/>) whose computer science teacher will use the funds to purchase microcontrollers and transform his classroom into a maker space. With this equipment and facility, students will learn computer science by building their own projects.
- The M17 Project (<https://www.ampr.org/grant-m17-open-protocol/>), whose goal is to develop a new, open-source digital radio protocol by hams, for hams, and that is easy to understand and build on.

To be eligible for an ARDC grant, an organization must be a 501(c)(3) public charity or be sponsored by a 501(c)(3) public charity. Other eligible organizations include government entities, schools or universities, and international charities or nonprofits.

For more information on ARDC and how to apply for an ARDC grant, go to <https://www.ampr.org/apply>.

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One Minute Review--Yaesu FTDX10

Get an FTDX101 for half price? Not exactly, but it's the next best thing. Currently with an instant rebate, it's about \$1500+ at most ham retailers



The FTDX10 utilizes Yaesu's Hybrid SDR Technology and the receiver is virtually the same as the '101, minus the preselector. Hybrid? It uses superheterodyne technology, followed by analog to digital conversion in a conventional SDR configuration. Roofing filters? Got 'em. BTW, for Sherwood Labs followers, it's currently #3 on the list, with its FTDX101 sibling sitting at #1.

It features SSB, AM, FM, RTTY, CW, and PSK31 capabilities. The latter 3 include receive decoding on the main display.

Speaking of the display, it's 5 in. diagonal--larger than the FT-991A and the IC-7300. It also includes the 3D display capabilities found in the '101. To fit this in, they had to assign some buttons and knobs for multitasking. Even if you suffer from FOM (fear of menus), the learning curve isn't overly difficult.

Conclusion: Like the '101, its superpower is digging out signals---definitely worth a look.

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

E3C01

What does the radio communication term “ray tracing” describe?

- A. The process in which an electronic display presents a pattern
- B. Modeling a radio wave's path through the ionosphere
- C. Determining the radiation pattern from an array of antennas
- D. Evaluating high voltage sources for x-rays

E3C02

What is indicated by a rising A or K index?

- A. Increasing disruption of the geomagnetic field
- B. Decreasing disruption of the geomagnetic field
- C. Higher levels of solar UV radiation
- D. An increase in the critical frequency

General Pool

G7B01

What is the reason for neutralizing the final amplifier stage of a transmitter?

- A. To limit the modulation index
- B. To eliminate self-oscillations
- C. To cut off the final amplifier during standby periods
- D. To keep the carrier on frequency

G7B02

Which of these classes of amplifiers has the highest efficiency?

- A. Class A
- B. Class B
- C. Class AB
- D. Class C

Answers pg. 2

Swap and Shop (Continued)

Rick Tenan Estate Items for sale. Contact Ken Starcher at 330-475-2630 if you would like to purchase any of the following items. Leave a message if not available. All proceeds go to Pam Tenan.

1. Complete Drake "B-Line" station in museum quality condition:

R4B Receiver

T4XB Transmitter with custom cover

MS-4 Speaker and Cabinet with custom cover

MN-2000 Tuner with custom cover

AC-4 Power Supply and connecting cables

Drake W4 wattmeter

Shure 444 Microphone

Items were serviced and brought up to top operating condition by Jeff Covelli.

\$1200 for the complete set. Separate items are not for sale. Most manuals included.

2. Yaesu FT-990 HF Transceiver in excellent condition. MD-1 mic and manual included. \$750
3. Kenwood TS-820 HF Transceiver in excellent condition with manual. VFO-820, SP-820 and MC-50 mic and connecting cables included. \$ 650
4. Heathkit SB-1400 HF transceiver and SBA-1400 speaker/ps in mint condition. \$300
5. Heathkit HX-30 6 meter transmitter and HA-20 Amplifier in average condition. Includes Comair LM-6N2C 6 and 2 meter manual tuner in fair condition. \$450.
6. Heathkit HO-10 Monitor Scope in good condition. \$ 50.
7. Astron RS-50M DC power supply in excellent condition. \$250.
8. Radio Shack 22-510 25 amp switching power supply. \$75.
9. Allied-Radio Shack AX-190 HF ham band receiver in very good condition. \$150
10. Siltronics (SWAN) FS-301 SWR meter with 1000w and 20w scales in good condition. \$50
11. Radio Shack Pro-2044 Scanner. \$35
12. Royce 2-100 Field Strength & SWR meter. \$15
13. Midland 23-135B Field Strength meter. \$10
14. Lafayette Telsat SSB-75 SSB and AM transceiver. \$50
15. Radio Shack HTA20 2 meter mobile transmit amp. \$60.
16. DSI-5500 50hz-512mhz frequency counter. \$60
17. MFJ-260C dummy load. \$45
18. MFJ-1702 2 position coax switch. \$35
19. MFJ-945D Mobile tuner. \$90
20. MFJ-945E Mobile tuner. \$125
21. MFJ-949E Deluxe Versatuner II. \$125
22. MFJ4225MV 25A power supply. \$50
23. Large backlit "On the Air" sign. \$50
24. RCI-5054 6m SSB transceiver. \$190
25. J-38 style straight key mounted to heavy base. \$45

Antenna items:

1. CSH-A4S Beam with optional A-744 driven element for 40 meters. It may need some adjustments. \$75.
2. Diamond X200 vertical for 2M and 70CM. \$100
3. Ham IV rotator and controller. \$450.

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>.

October 2021

+ NCCC RTTY Sprint	0145Z-0215Z, Oct 1
+ NCCC Sprint	0230Z-0300Z, Oct 1
+ K1USN Slow Speed Test	2000Z-2100Z, Oct 1
+ TRC DX Contest	0600Z, Oct 2 to 1800Z, Oct 3
+ Oceania DX Contest, Phone	0600Z, Oct 2 to 0600Z, Oct 3
+ German Telegraphy Contest	0700Z-1000Z, Oct 2
+ Russian WW Digital Contest	1200Z, Oct 2 to 1159Z, Oct 3
+ Two-Meter Classic Sprint	1300Z-1330Z, Oct 2
+ IARU Region 1 UHF/Microwaves Contest	1400Z, Oct 2 to 1400Z, Oct 3
+ International HELL-Contest	1600Z-1800Z, Oct 2 (80m) and 0900Z-1100Z, Oct 3 (40m)
+ California QSO Party	1600Z, Oct 2 to 2200Z, Oct 3
+ SKCC QSO Party	1800Z, Oct 2 to 1800Z, Oct 3
+ RSGB DX Contest	0500Z-2300Z, Oct 3
+ UBA ON Contest, SSB	0600Z-0900Z, Oct 3
+ Peanut Power QRP Sprint	2200Z-2359Z, Oct 3
+ K1USN Slow Speed Test	0000Z-0100Z, Oct 4
+ RSGB 80m Autumn Series, CW	1900Z-2030Z, Oct 4
+ Worldwide Sideband Activity Contest	0100Z-0159Z, Oct 5
+ ARS Spartan Sprint	0100Z-0300Z, Oct 5
+ RTTYOPS Weeksprint	1700Z-1900Z, Oct 5
+ Phone Weekly Test - Fray	0230Z-0300Z, Oct 6
+ CWops Mini-CWT Test	1300Z-1400Z, Oct 6
+ VHF-UHF FT8 Activity Contest	1700Z-2000Z, Oct 6
+ 432 MHz Fall Sprint	1900 local - 2300 local, Oct 6
+ CWops Mini-CWT Test	1900Z-2000Z, Oct 6
+ UKEICC 80m Contest	2000Z-2100Z, Oct 6
+ Walk for the Bacon QRP Contest	0000Z-0100Z, Oct 7 and 0200Z-0300Z, Oct 8
+ CWops Mini-CWT Test	0300Z-0400Z, Oct 7
+ CWops Mini-CWT Test	0700Z-0800Z, Oct 7
+ RTTYOPS Weeksprint	1700Z-1900Z, Oct 7
+ NRAU 10m Activity Contest	1700Z-1800Z, Oct 7 (CW) and 1800Z-1900Z, Oct 7 (SSB) and 1900Z-2000Z, Oct 7 (FM) and 2000Z-2100Z, Oct 7 (Dig)
+ SARL 80m QSO Party	1700Z-2000Z, Oct 7
+ EACW Meeting	1900Z-2000Z, Oct 7
+ SKCC Sprint Europe	1900Z-2100Z, Oct 7
+ NCCC RTTY Sprint	0145Z-0215Z, Oct 8
+ NCCC Sprint	0230Z-0300Z, Oct 8

+ YLRL DX/NA YL Anniversary Contest	1400Z, Oct 8 to 0200Z, Oct 9
+ K1USN Slow Speed Test	2000Z-2100Z, Oct 8
+ QRP ARCI Fall QSO Party	0000Z-2359Z, Oct 9
+ Makrothen RTTY Contest	0000Z-0800Z, Oct 9 and 1600Z-2400Z, Oct 9 and 0800Z-1600Z, Oct 10
+ Nevada QSO Party	0300Z, Oct 9 to 2100Z, Oct 10
+ Oceania DX Contest, CW	0600Z, Oct 9 to 0600Z, Oct 10
+ Microwave Fall Sprint	0800 local - 1400 local, Oct 9
+ Scandinavian Activity Contest, SSB	1200Z, Oct 9 to 1200Z, Oct 10
+ SKCC Weekend Sprintathon	1200Z, Oct 9 to 2400Z, Oct 10
+ Arizona QSO Party	1500Z, Oct 9 to 0500Z, Oct 10
+ Cosack's Honor VHF/UHF Contest	1600Z, Oct 9 to 0400Z, Oct 10
+ Pennsylvania QSO Party	1600Z, Oct 9 to 0500Z, Oct 10 and 1300Z-2200Z, Oct 10
+ South Dakota QSO Party	1800Z, Oct 9 to 1800Z, Oct 10
+ PODXS 070 Club 160m Great Pumpkin Sprint	2000Z, Oct 9 to 2000Z, Oct 10
+ 10-10 Int. 10-10 Day Sprint	0001Z-2359Z, Oct 10
+ UBA ON Contest, CW	0600Z-0900Z, Oct 10
+ K1USN Slow Speed Test	0000Z-0100Z, Oct 11
+ 4 States QRP Group Second Sunday Sprint	0000Z-0200Z, Oct 11
+ Worldwide Sideband Activity Contest	0100Z-0159Z, Oct 12
+ RTTYOPS Weeksprint	1700Z-1900Z, Oct 12
+ NAQCC CW Sprint	0030Z-0230Z, Oct 13
+ Phone Weekly Test - Fray	0230Z-0300Z, Oct 13
+ CWops Mini-CWT Test	1300Z-1400Z, Oct 13
+ VHF-UHF FT8 Activity Contest	1700Z-2000Z, Oct 13
+ CWops Mini-CWT Test	1900Z-2000Z, Oct 13
+ RSGB 80m Autumn Series, Data	1900Z-2030Z, Oct 13
+ CWops Mini-CWT Test	0300Z-0400Z, Oct 14
+ CWops Mini-CWT Test	0700Z-0800Z, Oct 14
+ RTTYOPS Weeksprint	1700Z-1900Z, Oct 14
+ EACW Meeting	1900Z-2000Z, Oct 14
+ NCCC RTTY Sprint	0145Z-0215Z, Oct 15
+ NCCC Sprint	0230Z-0300Z, Oct 15
+ K1USN Slow Speed Test	2000Z-2100Z, Oct 15
+ JARTS WW RTTY Contest	0000Z, Oct 16 to 2400Z, Oct 17
+ 10-10 Int. Fall Contest, CW	0001Z, Oct 16 to 2359Z, Oct 17
+ New York QSO Party	1400Z, Oct 16 to 0200Z, Oct 17
+ Worked All Germany Contest	1500Z, Oct 16 to 1459Z, Oct 17
+ Feld Hell Sprint	2000Z-2359Z, Oct 16
+ Argentina National 7 MHz Contest	2130Z-2230Z, Oct 16
+ Asia-Pacific Fall Sprint, CW	0000Z-0200Z, Oct 17
+ UBA ON Contest, 2m	0700Z-1000Z, Oct 17
+ Illinois QSO Party	1700Z, Oct 17 to 0100Z, Oct 18
+ RSGB RoLo CW	1900Z-2030Z, Oct 17
+ Run for the Bacon QRP Contest	2300Z, Oct 17 to 0100Z, Oct 18
+ K1USN Slow Speed Test	0000Z-0100Z, Oct 18
+ ARRL School Club Roundup	1300Z, Oct 18 to 2359Z, Oct 22

+ RSGB FT4 Contest Series	1900Z-2030Z, Oct 18
+ Worldwide Sideband Activity Contest	0100Z-0159Z, Oct 19
+ RTTYOPS Weeksprint	1700Z-1900Z, Oct 19
+ Phone Weekly Test - Fray	0230Z-0300Z, Oct 20
+ CWops Mini-CWT Test	1300Z-1400Z, Oct 20
+ CWops Mini-CWT Test	1900Z-2000Z, Oct 20
+ AGCW Semi-Automatic Key Evening	1900Z-2030Z, Oct 20
+ Walk for the Bacon QRP Contest	0000Z-0100Z, Oct 21 and 0200Z-0300Z, Oct 22
+ CWops Mini-CWT Test	0300Z-0400Z, Oct 21
+ CWops Mini-CWT Test	0700Z-0800Z, Oct 21
+ RTTYOPS Weeksprint	1700Z-1900Z, Oct 21
+ EACW Meeting	1900Z-2000Z, Oct 21
+ NCCC RTTY Sprint	0145Z-0215Z, Oct 22
+ NCCC Sprint	0230Z-0300Z, Oct 22
+ K1USN Slow Speed Test	2000Z-2100Z, Oct 22
+ Araucaria World Wide VHF Contest	0000Z, Oct 23 to 1600Z, Oct 24
+ ARRL EME Contest	0000Z, Oct 23 to 2359Z, Oct 24
+ UK/EI DX Contest, SSB	1200Z, Oct 23 to 1200Z, Oct 24
+ Stew Perry Topband Challenge	1500Z, Oct 23 to 1500Z, Oct 24
+ North American SSB Sprint Contest	0000Z-0400Z, Oct 24
+ Classic Exchange, CW	1400Z, Oct 24 to 0800Z, Oct 25 and 1400Z, Oct 26 to 0800Z, Oct 27
+ Telephone Pioneers QSO Party	1800Z, Oct 24 to 0300Z, Oct 25 and 1800Z, Oct 25 to 0300Z, Oct 26
+ K1USN Slow Speed Test	0000Z-0100Z, Oct 25
+ QCX Challenge	1300Z-1400Z, Oct 25
+ QCX Challenge	1900Z-2000Z, Oct 25
+ Worldwide Sideband Activity Contest	0100Z-0159Z, Oct 26
+ QCX Challenge	0300Z-0400Z, Oct 26
+ RTTYOPS Weeksprint	1700Z-1900Z, Oct 26
+ SKCC Sprint	0000Z-0200Z, Oct 27
+ Phone Weekly Test - Fray	0230Z-0300Z, Oct 27
+ CWops Mini-CWT Test	1300Z-1400Z, Oct 27
+ CWops Mini-CWT Test	1900Z-2000Z, Oct 27
+ UKEICC 80m Contest	2000Z-2100Z, Oct 27
+ CWops Mini-CWT Test	0300Z-0400Z, Oct 28
+ CWops Mini-CWT Test	0700Z-0800Z, Oct 28
+ RTTYOPS Weeksprint	1700Z-1900Z, Oct 28
+ EACW Meeting	1900Z-2000Z, Oct 28
+ RSGB 80m Autumn Series, SSB	2000Z-2130Z, Oct 28
+ NCCC RTTY Sprint	0145Z-0215Z, Oct 29
+ NCCC Sprint	0230Z-0300Z, Oct 29
+ Zombie Shuffle	1600-2400 local, Oct 29
+ K1USN Slow Speed Test	2000Z-2100Z, Oct 29
+ CQ Worldwide DX Contest, SSB	0000Z, Oct 30 to 2359Z, Oct 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>

October						
2021 Oct02	2021 Oct16	Sao Tome & Principe	<u>S9OK</u>	LoTW	<u>DXNews</u> 20210616	By OK1BOA OK1CRM OK1FCJ OK1GK OK2ZA OK2ZC OK2ZI OK6DJ fm Sao Tome I (IOTA AF-023); 160-6m; CW SSB + digital; QSL via Club Log OQRS or OK6DJ
2021 Oct12	2021 Oct20	Surinam	PZ5ZS	LoTW	<u>DXW.Net</u> 20210713	By PF9Z @PZ5JW (GJ25io); 80-10m; SSB; 500w; Hexbeam; QSL via PF9Z
2021 Oct12	2021 Nov01	Svalbard	JW6VDA	LoTW	<u>DXNews</u> 20210627	By LA6VDA fm IOTA EU-026 (JQ78tf); HF; SSB; QSL via Club Log OQRS
2021 Oct13	2021 Oct26	Guinea Bissau	J5T	LoTW	I2YSB 20210609	By 7 op I team fm Bubaque I (IOTA-AF-020; also using J5HKT; 160-10m; CW SSB RTTY FT8; 4 stations; QSL via I2YSB direct
2021 Oct15	2021 Oct18	Surinam	PZ5G	LoTW	<u>DXW.Net</u> 20210323	By DJ4EL PF9Z PZ5LW fm Houttyn (Papegaaien I, IOTA SA-092); 80-10m; SSB CW; QSL via DJ4EL
2021 Oct18	2021 Oct23	Sint Maarten	<u>PJ7JA</u>	LoTW	W5JON 20201209	By W5JON; 40-6m SSB FT8; QRV for CQWW DX SSB; QSL also OK via W5JON direct
2021 Oct21	2021 Nov08	eSwatini	<u>3DA0RU</u>	LoTW	<u>DXW.Net</u> 20210620	By R7AL RA1ZZ RK8A RW9JZ OK8AU R5EC SP6EQZ UB9WLJ fm KG53pk; 160-6m; CW SSB FT8 (f/h); QSL details on Web page
2021 Oct24	2021 Nov19	Gambia	C5C		<u>TDDX</u> 20210906	By F5NVF; HF, incl 60m; CW SSB; 100w
2021 Oct24	2021 Nov01	St Eustatius	<u>PJ5</u>	LoTW	W5JON 20201209	By W5JON as PJ5/W5JON; 40-6m SSB FT8; QRV for CQWW DX SSB; QSL also OK via W5JON direct
2021 Oct24	2021 Nov19	Gambia	C5C		<u>DXW.Net</u> 20210827	By F5RAV; 40-10m; CW SSB; COVID permitting
2021 Oct25	2021 Nov06	Bahamas	C6AHB	LoTW	NN2T 20210810	By NN2T + others fm Bimini I (IOTA NA-048, FL05ir); HF; SSB + digital; QRV for CQWW DX SSB; QSL via NN2T, Club Log OQRS
<u>CQ WW DX Contest, SSB</u> (Oct 30-31, 2021) Check here for pericontest activity too						

Poland Parade, September 25th



The Last Word

“Believe you can and you’re halfway there.” Theodore Roosevelt



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MVARAVoiceCoil@gmail.com

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

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