



**October 2018
Volume 56, Issue 10**

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***The Voice Coil
Award-Winning Newsletter
of the Mahoning Valley
Amateur Radio
Association***

The Voice Coil

Prez Sez

Here is important information on the upcoming elections for those of you that have not read the code of regulations recently.

There will be nominations from the floor, starting at the October meeting on the 11th. In order to be nominated for treasurer or one of the two trustees, you must have been a member for 12 months prior to being nominated. You must be present to accept or decline the nomination, and you cannot have held elected office for 12 months.

To be nominated for vice president, 2 years of continuous membership is required.

If you're interested in running for office, come to October and November meetings. Election will be at the November meeting after final call for nominations.

Have you been working any DX? It's out there, but you have to work hard to get it—especially when there's a big pile up.

How are your projects going? Well, I hope you can find time to do those outdoor ones before the snow flies. Be safe working on them.

73, Jim, WB8UJS



Next Meeting:

Thur. Oct. 11, 7 PM
GOP Headquarters
meeting room. 8381
Market St., Boardman,
OH
(in Adamas Plaza)

Come early for dinner at
Bruno Bros. (in the Plaza),
for pizza, drinks, and
social time.

W8QLY QSL CARDS

2018 Officers

President: Jim Stiffler, WB8UJS

Vice President: Andy Brincko,
WA8ZLK

Secretary: Becky Albrecht,
KD8SCF

Treasurer: Nancy Brett, KD8QNY

Trustees: Dean DeMain, W8YSU

Doug Sage, KB8TPG

Gene A. Boccia, WQ8H

Jerry Goddard, KC8EFO

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

For License Classes and VE testing,
Contact Wes Boyd, W8IZC,
W8IZC@yahoo.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.

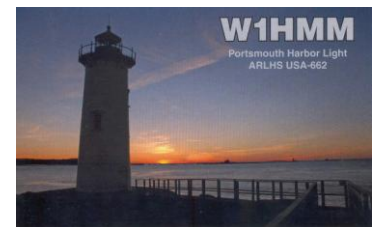
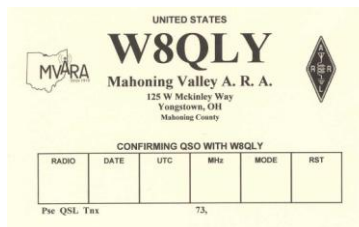
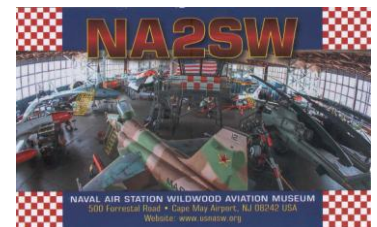
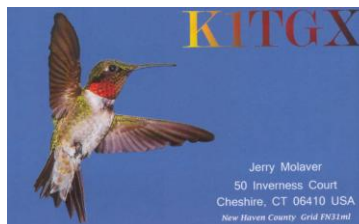
ARES NET- First and third Mondays
of each month at 8:30 PM on 146.745
MHz; prior to the Monday Night Net.

Several weeks after Field Day Nancy, KD8QNY sent me a few QSL cards the club had received and asked me to handle them. I have no interest in photo editing or computer graphics so I searched the web and found a site, <http://www.radioqth.net/qslcards>, that helped me quickly create a card without any technical expertise or expensive software.

I went to Michael's and bought 50 sheets of 65 lb cream colored card stock for \$3.65 which was used to print up some cards (3 cards will fit on 1 sheet) and the W8QLY QSL cards were in the mail within a week of Nancy's letter. The next club meeting I am able to attend I will bring them for everyone to see.

If anyone in the club enjoys photo editing and graphics they may want to create a different card for the club to use. There is talk about some special event stations for the MVARA Centennial and a custom card tailored to the event would be cool. If no one comes up with something different, the cards I printed can be used and they are certainly cost effective.

Rich KB8GAE



License Refresher (pg. 11)

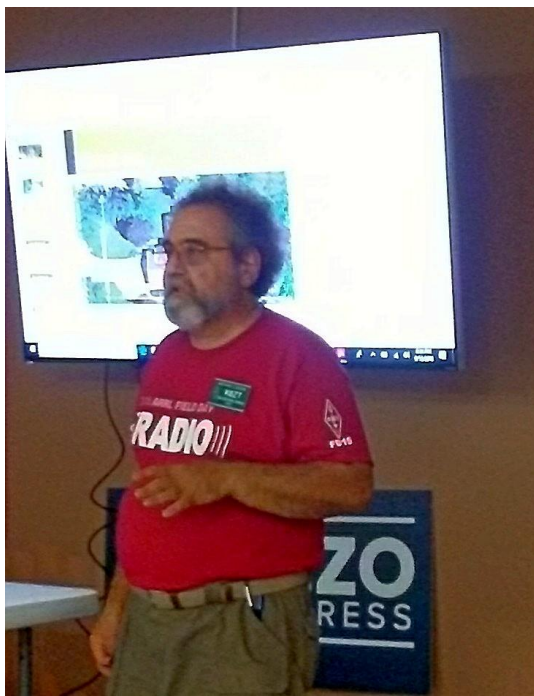
Answers:

E2D01 (B)

E2D02 (D)

G2E01 (D)

G2E02 (B)



September meeting guest speaker:
Anthony Luscre, K8ZT.

Current Activities

October Meeting: Nominations for Treasurer, 2 trustees. Election to be held at November meeting.

Contact Us:

Email: mvara.w8qly@gmail.com

Snail-mail: MVARA, P.O. Box 1414,
Poland, OH 44514

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

Hamfest Calendar



10/28/2018 Massillon Hamfest. **Location:** Massillon Boys & Girls Club, 730 Duncan Street SW Massillon, OH 44646. **Website:** <http://www.w8np.org> **Sponsor:** Massillon Amateur Radio Club
Talk-In: 147.18 (PL 110.9) **Public Contact:** Terry Russ , N8ATZ, 3420 Briardale Drive NW, Massillon, OH 44646 Phone: 330-837-3091 **Email:** truss@sssnet.com

11/04/2018 WACOM 2018 Hamfest. **Location:** Printscape Arena. 114 Southpointe Boulevard Canonsburg, PA 15317. **Website:** <http://www.wacomarc.org/hamfest.html> **Sponsor:** Washington Amateur Communications. **Talk-In:** 147.39 (N), 147.315 (S), 146.79 (E), 145.25 (W) - All PL 131.8
Public Contact: Bud Plants , N3TIR, 236 Chambers Ridge Road West Alexander, PA 15376
Phone: 724-350-6745 **Email:** bud@n3tir.com

01/27/2019 Tusco ARC Hamfest. **Location:** Wallick Auctions, 965 North Wooster Avenue Strasburg, OH 44680. **Website:** <http://www.tuscoarc.org> **Talk-In:** 146.730- (no PL tone)
Public Contact: Janice Green , KB8YDK, 32210 Norris Road Tippecanoe, OH 44699
Phone: 740-922-4454 **Email:** k8wfn@tusco.net

Know of any regional events that should be included in the Voice Coil? Send the information to: MVARAVoiceCoil@gmail.com

3D printed parts for ham radio

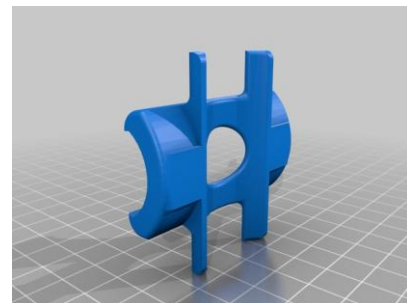
By Dan Romanchik, KB6NU

One of the things that I keep telling myself that I need to learn how to do is 3D printing. This morning, I ran across a couple more 3D printing projects for ham radio that I thought I'd pass along.

The first I found on reddit: 3D Printed Parts for Portable Tape Measure Yagi Designs (https://www.reddit.com/r/amateurradio/comments/963br3/3d_printed_parts_for_portable_tape_measure_yagi/). The summary on Thingiverse (<https://www.thingiverse.com/thing:3042505>), which is a website where “makers” share their designs, says:

These parts are made for use with 1-in. PVC pipe and 1-in. Harbor Freight tape measure steel. You can use electrical tape to attach the element holders to the side of the pipe, and use the driven element bridge to give structural rigidity across the driven dipole element. I have used this with up to 5 elements on 2m with good success. When not using the antenna, just pinch the elements to remove them from the holders, and store them INSIDE the tube! You can add some end caps to make this ultra portable. Use these parts with any of the multitude of tape measure YAGI design guides online.

Here's a look at an antenna made with these parts:



Close-up of element holder

The element holders are attached to the boom with electrical tape in the photo above. While I haven't tried it, I'd suggest that the antenna might be a bit more robust if you could screw or perhaps glue the holders to the boom.

There are lots of other cool amateur radio 3D printing projects available on Thingiverse (<https://www.thingiverse.com/search?q=ham+radio&dwh=415b6d8da129c3c>). Browsing through the list quickly, here are just two that look like they might be useful to me:

- Soldering Fingers (<https://www.thingiverse.com/thing:1725308>). This project looks simple and quick.
- µBitx Case (<https://www.thingiverse.com/thing:2925336>). I still gotta do something with the µBitx I bought. This looks like it might get me started.

Finally getting in gear

Last week, I attended a 3D printing class at our local maker space, All Hands Active (allhandsactive.org), and now I feel like I can finally attempt a 3D printing project. I'm thinking about starting out with the simple Soldering Fingers project. If that goes well, I'll try a Raspberry Pi case and finally start using that in the shack. And, while these projects all seem pretty cool, I feel like I'm only scratching the surface.

Have any of you 3D printed anything cool for your ham radio projects? Is there another source of designs for ham radio 3D printed stuff besides Thingiverse?

When he's not 3D printing enclosures for his ham radio projects, Dan blogs about amateur radio, writes exam study guides (www.kb6nu.com/study-guides), and operates CW on the HF bands. Look for him on 30m, 40m, and 80m. You can email him about your experiences with 3D printing at cwgeek@kb6nu.com.

New Beta Version WSJT-X 2.0 Boasts Major Changes

As [promised](#), the WSJT-X Development Group has announced a new “candidate release,” *WSJT-X 2.0 rc1*. This beta version of the popular digital mode suite incorporates many new FT8 and MSK144 features that will be of particular interest to the Amateur Radio contesting community. It incorporates all FT8 DXpedition Mode changes already developed in *WSJT-X 1.9.1*.

“Enhancements to the FT8 decoder ensure that in most situations decoding sensitivity is slightly better than for the old protocol. Symbol rates and occupied bandwidths are the same as before, and false-decode rates are significantly lower,” the user notes explain. “The decoding threshold for MSK144 is a fraction of a dB higher than before, owing to the slightly larger message payload and higher code rate.” *WSJT-X 2.0* introduces no significant changes to the JT4, JT9, JT65, QRA64, ISCAT, Echo, or FreqCal protocols.

The new features are [summarized](#) on the *WSJT-X* website and in [the Quick-Start Guide to WSJT-X 2.0](#). Contest-related changes include:

- Support for standard ARRL Field Day exchanges, such as 6A SNJ.
- Better support for North American VHF contests with improved handling of grids and /r rover call sign designators.
- Six-character locators and call sign suffix support for portable operators, focused on EU VHF contesting
- Support for standard contest exchanges in the ARRL RTTY Roundup, such as 579 MA or 559 0071.
- Support for call signs of up to 11 alphanumeric characters, to accommodate non-standard and compound call signs.

Support for new exchanges should expand the ability of contesters to use FT8 and other *WSJT-X* protocols during contests that allow digital contacts and where the exchanges is a traditional signal report and state/province/country. According to the release notes, *WSJT-S 2.0* also offers “significantly better sensitivity” (about 1 dB) for the *WSPR* decoder. In addition, color highlighting of decoded messages provides worked-before status for call signs, grid locators, and DXCC entities on a by-band basis. Color highlighting can also identify stations that have — or have not — uploaded their logs to “Logbook of The World” (LoTW) within the past year.

For the convenience of beta-testers, the –rc1 and –rc2 releases will offer receive and transmit capability for both the new FT8 protocol and the older one. Starting with –rc3 and the full release of *WSJT-X 2.0*, only the new protocol will be supported. In contrast, the new MSK144 protocol replaces the old one from the outset, with no backward compatibility.

Those participating in *WSJT-X* beta tests are expected to [report](#) their experiences to the developers and upgrade to the general availability release when it becomes available. [Visit](#) the *WSJT-X* web page for more information.

Paranormal Radio



It's October, and time for all those spooky Halloween stories. Believe it or not, radio has been used for contacting the spirit world, going back to the early days of its existence. (Very appropriate with the "dead" bands lately.)

Many inventors had the idea to create a device which could bridge the gap between the living and the dead. Thomas Edison. Edison believed strongly that such a device was possible, and held many secret sessions with fellow scientists, in an attempt to perfect his machine. In a statement in 1930, he announced that the device he would create *"would not function by any occult, mystifying, mysterious, or weird means, employed by so-called "mediums", but by scientific methods"*. He went on to say *"I am engaged in the construction of one such apparatus now, and I hope to be able to finish it before very many months"*.



Ironically Edison died before perfecting his Instrumental-transcommunication device, but his idea became known as "spirit phone" and became a media sensation.

(<https://www.hdparanormal.com/single-post/2017/03/05/The-Spirit-Radio-baffling-scientists>)

Marcello Bacci claims to have discovered a way to communicate with the other side through the use of an old radio. Bacci's sessions in Grosseto, Italy, were attended by thousands through the years wanting to communicate with their deceased loved ones—and testimonials support that claim.

In every session, Bacci used the white noise on the short-wave radio frequency (SW) in a frequency ranging from 7 to 9 MHz. After 10 to 20 minutes into the session, the white noise would stop and would be replaced by a wind sound that would be repeated a few times. After a few moments of silence, communication would start. The voice of a usually unidentified spirit acting as a moderator would establish a conversation with Bacci and those with him.



During the final part of the sessions personal contacts would be made between the deceased and their loved ones attending the session who claimed that they could clearly hear the voice of their loved one. The deceased would usually reassure them they are well on the other side. Bacci claims that sometimes the spirits cause the materialization of objects.

Until now, no logical explanation has been found. Bacci removed the tubes from the radio's circuit but the voices could still communicate through the radio. Also, the phenomenon persisted intermittently for two minutes and twenty seconds after Bacci switched off the radio.

(<http://www.historydisclosure.com/marcello-bacci-communication-dead-old-radio/>)

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 2018

+ IQRP Quarterly Marathon	0800Z, Oct 1 to 2000Z, Oct 7
+ ARS Spartan Sprint	0100Z-0300Z, Oct 2
+ Phone Fray	0230Z-0300Z, Oct 3
+ German Telegraphy Contest	0700Z-1000Z, Oct 3
+ CWops Mini-CWT Test	1300Z-1400Z, Oct 3 and 1900Z-2000Z, Oct 3 and 0300Z-0400Z, Oct 4
+ 432 MHz Fall Sprint	1900 local - 2300 local, Oct 3
+ UKEICC 80m Contest	2000Z-2100Z, Oct 3
+ NRAU 10m Activity Contest	1700Z-1800Z, Oct 4 (CW) and 1800Z-1900Z, Oct 4 (SSB) and 1900Z-2000Z, Oct 4 (FM) and 2000Z-2100Z, Oct 4 (Dig)
+ SARL 80m QSO Party	1700Z-2000Z, Oct 4
+ SKCC Sprint Europe	1900Z-2100Z, Oct 4
+ NCCC RTTY Sprint	0145Z-0215Z, Oct 5
+ NCCC Sprint	0230Z-0300Z, Oct 5
+ YLRL DX/NA YL Anniversary Contest	1400Z, Oct 5 to 0200Z, Oct 7
+ TRC DX Contest	0600Z, Oct 6 to 1800Z, Oct 7
+ Microwave Fall Sprint	0800 local - 1400 local, Oct 6
+ Oceania DX Contest, Phone	0800Z, Oct 6 to 0800Z, Oct 7
+ Russian WW Digital Contest	1200Z, Oct 6 to 1159Z, Oct 7
+ International HELL-Contest	1600Z-1800Z, Oct 6 (80m) and 0900Z-1100Z, Oct 7 (40m)
+ California QSO Party	1600Z, Oct 6 to 2200Z, Oct 7
+ FISTS Fall Slow Speed Sprint	1700Z-2100Z, Oct 6
+ SKCC QSO Party	1800Z, Oct 6 to 1800Z, Oct 7
+ RSGB DX Contest	0500Z-2300Z, Oct 7
+ UBA ON Contest, SSB	0600Z-0900Z, Oct 7
+ Peanut Power QRP Sprint	2200Z-2359Z, Oct 7
+ RSGB 80m Autumn Series, CW	1900Z-2030Z, Oct 8
+ 10-10 Int. 10-10 Day Sprint	0001Z-2359Z, Oct 10
+ NAQCC CW Sprint	0030Z-0230Z, Oct 10
+ Phone Fray	0230Z-0300Z, Oct 10
+ CWops Mini-CWT Test	1300Z-1400Z, Oct 10 and 1900Z-2000Z, Oct 10 and 0300Z-0400Z, Oct 11
+ NCCC RTTY Sprint	0145Z-0215Z, Oct 12
+ NCCC Sprint	0230Z-0300Z, Oct 12
+ Makrothen RTTY Contest	0000Z-0800Z, Oct 13 and 1600Z-2400Z, Oct 13 and 0800Z-1600Z, Oct 14
+ Nevada QSO Party	0300Z, Oct 13 to 2100Z, Oct 14
+ Oceania DX Contest, CW	0800Z, Oct 13 to 0800Z, Oct 14
+ QRP ARCI Fall QSO Party	1200Z, Oct 13 to 2359Z, Oct 14
+ Scandinavian Activity Contest, SSB	1200Z, Oct 13 to 1200Z, Oct 14
+ SKCC Weekend Sprintathon	1200Z, Oct 13 to 2400Z, Oct 14

+ Arizona QSO Party	1600Z, Oct 13 to 0600Z, Oct 14 and 1400Z to 2400Z, Oct 14
+ Pennsylvania QSO Party	1600Z, Oct 13 to 0500Z, Oct 14 and 1300Z-2200Z, Oct 14
+ FISTS Fall Unlimited Sprint	1700Z-2100Z, Oct 13
+ South Dakota QSO Party	1800Z, Oct 13 to 1800Z, Oct 14
+ PODXS 070 Club 160m Great Pumpkin Sprint	2000Z, Oct 13 to 2000Z, Oct 14
+ UBA ON Contest, CW	0530Z-0800Z, Oct 14
+ UBA ON Contest, 6m	0800Z-1000Z, Oct 14
+ 4 States QRP Group Second Sunday Sprint	0000Z-0200Z, Oct 15
+ ARRL School Club Roundup	1300Z, Oct 15 to 2359Z, Oct 19
+ Telephone Pioneers QSO Party	1800Z, Oct 15 to 0300Z, Oct 16
+ Phone Fray	0230Z-0300Z, Oct 17
+ CWops Mini-CWT Test	1300Z-1400Z, Oct 17 and 1900Z-2000Z, Oct 17 and 0300Z-0400Z, Oct 18
+ RSGB 80m Autumn Series, Data	1900Z-2030Z, Oct 17
+ NCCC RTTY Sprint	0145Z-0215Z, Oct 19
+ NCCC Sprint	0230Z-0300Z, Oct 19
+ Araucaria World Wide VHF Contest	0000Z, Oct 20 to 1600Z, Oct 21
+ JARTS WW RTTY Contest	0000Z, Oct 20 to 2400Z, Oct 21
+ 10-10 Int. Fall Contest, CW	0001Z, Oct 20 to 2359Z, Oct 21
+ New York QSO Party	1400Z, Oct 20 to 0200Z, Oct 21
+ Stew Perry Topband Challenge	1500Z, Oct 20 to 1500Z, Oct 21
+ Worked All Germany Contest	1500Z, Oct 20 to 1459Z, Oct 21
+ Feld Hell Sprint	2000Z-2359Z, Oct 20
+ Asia-Pacific Fall Sprint, CW	0000Z-0200Z, Oct 21
+ UBA ON Contest, 2m	0700Z-1000Z, Oct 21
+ Illinois QSO Party	1700Z, Oct 21 to 0100Z, Oct 22
+ RSGB RoLo CW	1900Z-2030Z, Oct 21
+ Run for the Bacon QRP Contest	0100Z-0300Z, Oct 22
+ SKCC Sprint	0000Z-0200Z, Oct 24
+ Phone Fray	0230Z-0300Z, Oct 24
+ CWops Mini-CWT Test	1300Z-1400Z, Oct 24 and 1900Z-2000Z, Oct 24 and 0300Z-0400Z, Oct 25
+ RSGB 80m Autumn Series, SSB	1900Z-2030Z, Oct 25
+ NCCC RTTY Sprint	0145Z-0215Z, Oct 26
+ NCCC Sprint	0230Z-0300Z, Oct 26
+ CQ Worldwide DX Contest, SSB	0000Z, Oct 27 to 2400Z, Oct 28
+ ARRL EME Contest	0000Z, Oct 27 to 2359Z, Oct 28
+ Phone Fray	0230Z-0300Z, Oct 31
+ CWops Mini-CWT Test	1300Z-1400Z, Oct 31 and 1900Z-2000Z, Oct 31 and 0300Z-0400Z, Nov 1
+ UKEICC 80m Contest	2000Z-2100Z, 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						
2018 Oct01	2018 Oct12	Albania	ZA5V	S59A	TDDX 20180702	By S59A + OE6V club members fm Lake Shkodra Resort (JN92rd); 80-2m; CW SSB JT65 FT8 MSK144 JT65B for EME; 1.5kw; call sign requested (else ZA5A)
2018 Oct02	2018 Oct29	American Samoa	KH8	DL2AH	DL2AH 20180107	By DL2AH as WH8/DL2AH fm Ofu I (IOTA OC-077); 80-10m; SSB FT8 RTTY; QRV for CQWW DX SSB; holiday style operation
2018 Oct03	2018 Oct27	Vietnam	XV9WJR NEW	LotW	WA7WJR 20180921	By WA7WJR fm Vung Tau, Con Son I (IOTA AS-128); 40 20 15m; mainly CW, some PSK31 and SSB; QSL also OK via WA7WJR and eQSL
2018 Oct04	2018 Oct09	Palau	T88	See Info	TDDX 20180904	By JH7IPR as T88UW, JA6KYU as T88HS, JA6FQI as T88WM; 160-6m; CW FT8 FSK SSB; yagis, wires; for QSL see qrz.com page
2018 Oct06	2018 Oct16	Niue	E6Y	LotW	ZL4TT 20180413	By ZL3PAH ZL3GA ZL3AB ZL4TT fm IOTA OC-040 (AH50bx); 160-10m, perhaps 60m; 500w; Hexbeams, verticals, wires; Oceania DX contest SSB and CW; QSL also OK via Club Log; ZL3PAH (Buro or direct) also OK, but LotW/CL preferred
2018 Oct09	2018 Oct14	Norfolk I	VK9		DXW.Net 20180713	By JO7GVC as VK9/JO7GVC and JK7LXU as VK9/JK7LXU; 40-10m; CW PSK FT8; holiday style operation
2018 Oct09	2018 Oct19	Norfolk I	VK9N	TBA	TDDX 20180910	By N7BF as VK9BF, ZL2HM as VK9PM, N7QR as VK9QR and W6ABM as VK9EV; 40-6m; SSB FT8; 100w
2018 Oct09	2018 Oct21	Chad	TT8KO	LotW	DXW.Net 20180822	By LA7GIA fm N'Djamena; 160-10m; CW, perhaps SSB; QSL also OK via LA7GIA direct
2018 Oct09	2018 Oct27	Reunion	FR	DJ7RJ	TDDX 20180910	By DJ7RJ as FR/DJ7RJ; 160-10m; CW SSB; 600w; QSL OK via DARC Buro or direct
2018 Oct10	2018 Oct15	Svalbard	JW	LotW	LA7XK 20180327	By LA7XK LA9DL LA6VM as JW7XK JW9DL JW6VM (JW5X during SAC Phone) fm IOTA EU-026; CW SSB + digital; QSL also OK via LA7XK
2018 Oct10	2018 Oct16	Vietnam	XV9RH NEW	OE1ZKC	TDDX 20180919	By JH4RHF; HF; mainly CW; spare time operation
2018 Oct10	2018 Oct24	Guantanamo	KG4	Home Call	TDDX 20180914	By W4WV as KG4WV and W6HGF as KG4HF; focus on 160 80m; SSB FT8 PSK RTTY, some CW; QSL also OK via Club Log

2018 Oct10	2018 Nov06	St Kitts & Nevis	V47JA	LotW	W5JON 20180826	By W5JON fm Calypso Bay, St Kitts; 160-6m, incl 60m; SSB FT8; yagi on 6m, verticals, dipole; QSL also OK via W5JON direct
2018 Oct12	2018 Oct16	Laos	XW1IC NEW	LotW	DXNews 20180919	By E21EIC; 40-6m; QSL also OK via E21EIC
2018 Oct12	2018 Oct22	Laos	XW4XR NEW	LotW	TDDX 20180920	By 3W3B; 40-6m; CW RTTY FT8; QSL also OK via E21EIC
2018 Oct15	2018 Nov04	Vanuatu	YJ0GC	LZ1GC	DXNews 20180416	By LZ1GC OM5ZW OK2WM fm Efate I (OC-035); 160-6m, focus on 160 80m; CW SSB RTTY; QSL also OK via Club Log
2018 Oct15	2018 Oct30	Christmas I	VK9XG	LotW	G3TXF 20180414	By G3SVL G3TXF G3WGN G3WPH G2NF; 160-10m; CW SSB FT8 (in DXpedition mode); 4 stations; QSL also OK via G3TXF and Club Log
2018 Oct16	2018 Oct22	Ceuta & Melilla	EA9	LotW	OPDX 20180820	By JA1XGI as EA9/W1XGI fm Melilla; likely 40-10m; mainly CW FT8; QSL also OK via JA1XGI direct and Club Log
2018 Oct16	2018 Oct22	Chatham I	ZL7X	LotW	DXW.Net 20180822	By JH1GNU JH1HRJ JE1SCJ fm IOTA OC-038; 160-10m; CW SSB FT8; focus on low band CW and FT8 on all bands; QSL also OK via JA0VSH (Buro or direct) and eQSL
2018 Oct17	2018 Oct24	Palau	T88SM	JA6EGL Direct	TDDX 20180905	By JA6EGL fm Koror; 160-6m, focus on 40 30m; mainly CW, some SSB + FM; 1kw; yagis, wires
2018 Oct19	2018 Oct29	Haiti	4V7R	EB7DX	DXW.Net 20180304	By EA7FTR EA1DVY EA1ACP HH2MK HH2JR EB7DX; 160-6m; CW SSB RTTY FT8
2018 Oct20	2018 Oct30	Bonaire	PJ4 NEW	LotW	DXW.Net 20180919	By NE9U as PJ4/NE9U; QSL also OK via NE9U (Buro or direct with SASE)
2018 Oct20	2018 Nov03	Ducie I	VP6D	LotW	K5GS 20171201	By K3EL HA5AO W2LK DJ9RR WA6O ZL3CW N6HC W1SRD N6WM HA0NAR PY2PT N6XG K5GS UT6UD NG2H fm IOTA OC-182; 160-10m; CW SSB + digital (incl FT8); 7 stns; QSL requests via Web OQRS (your card not needed)
2018 Oct22	2018 Oct30	Burkina Faso	XT2SZZ	S59ZZ	S59ZZ 20180702	By S54W S57L S58Y S59ZZ S50A; HF + 6m; QRV for CQWW DX SSB
2018 Oct24	2018 Nov28	Tanzania	5H3MB NEW	LotW	OPDX 20180916	By IK2GZU fm Ilembula; HF; triband Yagi fixed on EU, vertical, dipole; spare time operation; QSL also OK via IK2GZU (Buro or direct) and eQSL
2018 Oct24	2018 Oct29	Ogasawara	JD1BNA NEW	JL1UTS Direct	DXNews 20180918	By JD1BNA fm Hahajima I (IOTA AS-031); mainly 160-40m; QSL: Nick Seki, 4-731-6 Sakuragi, Omiya-Ku, Saitama-C, Saitama, 330-0854, Japan
2018 Oct26	2018 Nov06	Zimbabwe	Z23MD	LotW	MDXC 20180515	By IZ8CCW I2VGW IZ2GNQ F5EOT ON4LO YO8WW YO5OED ON7RB; HF; CW SSB RTTY; QSL also OK via IK2VUC

CQ WW DX Contest, SSB (Oct 27-28, 2018) Check here for pericontest activity too.

Samoa	5W	LotW	DXW.Net 20180902	By JF1OCQ JJ1TBB as 5W7X and 5W0TB; 160-10m; CW SSB FT8; side trip to Am Samoa using W1VX/KH8 and KH8C ; QSL also OK via JF1OCQ (Buro or direct) except KH8C which is LotW only
Guadeloupe	FG	LotW	DXNews 20180825	By SM7RYR as FG/SM7RYR fm IOTA NA-102; 20m; CW; 100w; vertical
Mayotte	FH	DJ7RJ	TDDX 20180910	By DJ7RJ as FH/DJ7RJ; 160-10m; CW SSB; 600w; QSL OK via DARC Buro or direct
Bermuda	VP9KF	See Info	G4BKI 20180629	By VP9KF; 160-10m; CW; QSL via W4/VP9KF direc



Ham Humor

FCC ORDERS BAN OF ALL BAOFENGs BECAUSE TOO MANY HAMS ACCIDENTALLY TRANSMIT THAT AWFUL SIREN TONE ON LOCAL REPEATER



WASHINGTON, D.C. — In a decision that most ham radio operators knew would eventually happen, The Federal Communications Commission has ruled that Baofeng radios with the built-in audible siren feature can no longer be sold in the U.S.

Most of the handheld radios made by Baofeng come with a siren that can easily be activated at the touch of a button. Radio operators have been inundated with the annoying sound at hamfests, club meetings and on the air.

The Gold Diggers Amateur Radio Club were the first group to complain to the FCC.

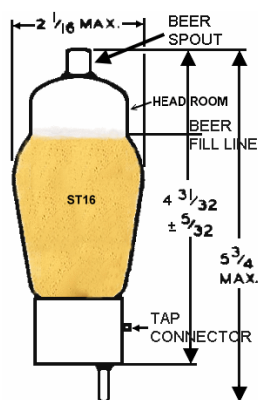
“Our local repeater sounds like Firehouse 5 responding to a 3-alarm fire,” said Gold Diggers President Lou Rodden in a letter submitted during public comment on the issue.

At a recent club meeting, Rodden described the siren. “It goes WEEE WOOO WEEE WOOO, and at the same time a flashing LED rapidly blinks. The ear-piercing noise and the flashing light is enough to send anyone into a seizure,” he said.

The Gold Diggers will celebrate the FCC decision with a “Burn Your Baofeng” event this weekend.

##Hamhijinks

Amateur License Refresher Dave, KD8NZF



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

E2D01

Which of the following digital modes is especially designed for use for meteor scatter signals?

- A. WSPR
- B. FSK441
- C. Hellschreiber
- D. APRS

E2D02

Which of the following is a good technique for making meteor scatter contacts?

- A. 15 second timed transmission sequences with stations alternating based on location
- B. Use of high speed CW or digital modes
- C. Short transmission with rapidly repeated call signs and signal reports
- D. All of these choices are correct

General Pool

G2E01

Which mode is normally used when sending an RTTY signal via AFSK with an SSB transmitter?

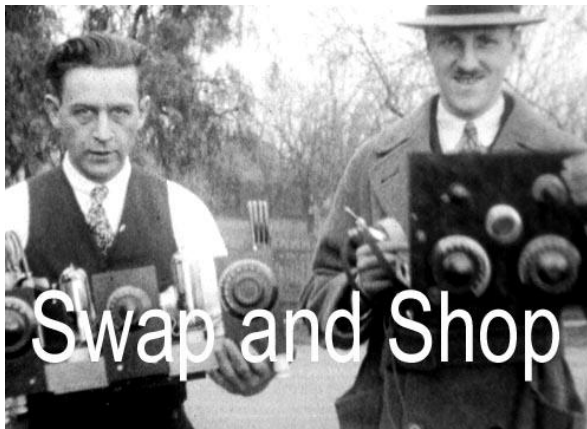
- A. USB
- B. DSB
- C. CW
- D. LSB

G2E02

How can a PACTOR modem or controller be used to determine if the channel is in use by other PACTOR stations?

- A. Unplug the data connector temporarily and see if the channel-busy indication is turned off
- B. Put the modem or controller in a mode which allows monitoring communications without a connection
- C. Transmit UI packets several times and wait to see if there is a response from another PACTOR station
- D. Send the message: "Is this frequency in use?"

(Answers pg. 2)



Antennas and Accessories

---ARROW: J-Pole 2m/440, 57-inch , solid AL, never used=== \$ 30

---DX ENG: RG-8U coax cable w/pl259, 50-ft, never used=== \$ 30

---HY POWER: TRI1020--20, 15 & 10m-full size, never used=== \$ 60

---HY POWER: TRIWARC-only 30 & 17m-full size, never used=== \$ 60

Contact: Ken-KC8Y, cct66000@gmail.com

MFJ 998 Autotuner

Actually works very well—no rattling hardware or cold solder joints--not your typical MFJ! Bought a few months ago as backup—rarely used. Like new condition. \$450. Contact Mark, K8MSH, mh@zoominternet.net (is also posted on QRZ, QTH, etc. so subject to prior sale.)



Swap and Shop Policies

MVARA assumes no responsibility for transactions made or inaccuracies in ads. You are responsible for checking your ad and notifying us of any corrections. Swap and Shop listings are open to licensed Mahoning Valley Hams, based on space available. Please submit your list to mvara.w8qly@gmail.com AND mvaravoiccoil@gmail.com for placement in both *Voice Coil* and website.



Station Loaner Program

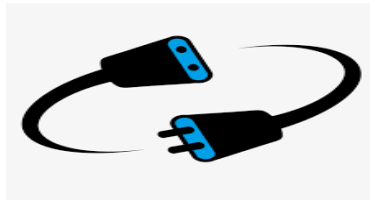
If you're a new ham/newly upgraded and want to get on the HF bands, MVARA has a loaner program for club members. The club has two complete stations with radio, power supply, microphone, CW key, and antenna tuner. All you need to do is supply your own coax, antenna, and keep the equipment in good condition while you have it.

Loan period is up to 6 months. However, you will be responsible for returning the station temporarily for use during Field Day weekend in June.

With the new ARRL proposal, it looks like even Tech class amateurs may soon be able to operate phone on some of the HF bands. Contact Mark, k8msh@arrrl.net or Frank, wb8yhd@arrrl.net.



Get Connected



ARRL is in the process of transitioning to a new registration and event tracking system for the Amateur Radio Emergency Service. Volunteers can now self-register with ARES rather than through the local ARES unit.

The new system is called ARES Connect and is part of a bigger revision to the entire ARES structure. ARRL is adopting a system of three levels for volunteers based on completion of NIMS and ARRL courses. This does not stop volunteers that have not completed the NIMS courses from registering and participating in ARES events. Rather this pre-certifies your credentials in the event we are participating in a national or state event. Of course, we want you to do the free online NIMS training, and completion of the training will allow you more opportunities.

Registration is simple. You start by going to the ARES Connect website and starting the create account process. The website address is <https://arrl.volunteerhub.com> and can also be accessed through links on the Mahoning ARES website and the Ohio Section website.

The registration process takes just a few minutes. After you complete the online part, ARRL reviews it and sends a confirmation to you. There have been some backups on their reviews, so it may take a couple days before you are confirmed.

When registering, make sure you use your call sign as your user ID and that you enter the county as Mahoning. (Assuming you are registering for Mahoning County) The registration will ask you a series of questions such as the level of your license, how long you have been licensed, and so on.

Please register soon as it will help Mahoning County ARES make sure you are in the loop for our local activities. We also will appreciate your check-in during the twice monthly Mahoning County ARES Net. The net occurs on the 1st and 3rd Monday each month on the 146.745 repeater at 8:30pm. Speaking of local activities, our next event is October 2nd, 6:30pm, Canfield Library meeting room. This will be a tabletop exercise for the annual Ohio ARES SET.

Centennial Committee

MVARA's 100th Anniversary dinner is a little more than a year away!

October 5, 2019 – A La Cart Catering, Canfield, Ohio

The Centennial Committee is looking for a chairman and volunteers to compile the club history. The club is also looking for past officers and old pictures to scan for a Power Point. If you are interested – or have any ideas or suggestions, please email mvara.w8qly@gmail.com or call Nancy 330-774-8501

Mahoning Valley Amateur Radio Association - 2019 Membership

Date: _____

Name: _____ Call: _____

Spouse: _____ Call: _____

Mailing Address _____

City: _____ State: _____ Zip: _____

Home Phone # _____ Cell # _____

Email: _____
(The MVARA Voice Coil, the club newsletter, will be emailed to this address)

ARRL member? **Yes** **No**

Do you want the following to be included in the membership list available to all members?

Name and Call *Yes* *No*

Address *Yes* *No*

Phone *Yes* *No*

Email Address *Yes* *No*

Membership

-Single Membership \$20.00	<input type="checkbox"/> Renewal	<input type="checkbox"/> New Member	\$ _____
-Additional Family Members \$10.00 each	<input type="checkbox"/> Renewal	<input type="checkbox"/> New Member	\$ _____

W8QLY Repeater Support

\$12.00	Basic Support Donation	\$ _____
\$50.00	Gold Level Support Donation	\$ _____
\$ _____	Other Support Donation	\$ _____

Total \$ _____
Enclosed

***Make checks payable to: Mahoning Valley Amateur Radio Association.
Please bring this form and your payment to the next meeting or mail to:
MVARA, P.O. Box 14141, 125 West McKinley Way, Youngstown, Ohio 44514***



Follow/Like us at:
<https://www.facebook.com/mahvalradio>



The *VOICE COIL* is the monthly publication of the Mahoning Valley Amateur Radio Association, Inc. (MVARA) and is intended to present news, issues and opinions of interest to MVARA members and the Amateur Radio Community. We encourage contributions of articles, letters to the editor, etc. and welcome newsletter exchanges with other clubs from around the country and around the world. Permission is granted to reprint material contained herein as long as proper credit is given to this newsletter and the author. Ideas for and contributions to the VOICE COIL should be submitted to:

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.

The *VOICE COIL* is published by the MVARA. All material contained herein is considered the opinion of the author and not necessarily that of the MVARA. Announcements of events are for informational purposes and do not necessarily constitute an endorsement by the MVARA. No responsibility for accuracy is assumed by the editor or newsletter staff. Typos are included for the entertainment of those who enjoy looking for them and should be reported immediately to any nearby MVARA member :-)