



April 30th Edition

*April Showers bring May Flowers
Now, what do May Flowers bring?
Dayton Hamvention!!*

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What A Clever Idea

(from Ed Liddle, KE8ANU - ed.liddle@gmail.com)

Here is really neat idea for those of you running a JumboSpot on a PiZeroW board. It's a really inexpensive way to get your board mounted and protected, and the parts are easily found at your local Home Depot or other electrical supply houses around.



Here's a picture of the finished product

I was surprised to be able to see the JumboSpot LEDs shine through the white wall plate when its powered on.

I used some standoffs to mount the boards to the electrical work box. I already had the standoffs so it not only allowed me to securely mount the boards to the box, but it also gave me some feet on the bottom of the box as well





I used the hole in the side of the box that you would normally use to run your electrical wires through. This allows me the ability to run my cabling neatly



Because I'm using a standard plastic electrical work box, I can also use a standard wall plate.

I've drilled a small hole in the plate so that my SMS connector goes through.



Here's the finished product. You can clearly see the green "on" light through the wall plate.

This is just something that I thought you might want to try yourselves.

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The Handbook Give Away

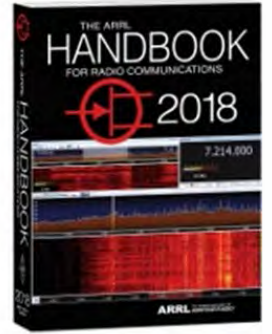
Hey Gang,

Have you registered for the “Handbook Giveaway” drawing for this month yet? If you haven’t, go to: <http://arrl-ohio.org/handbook.html> and get registered, **today** is the last day for this month’s drawing.

What’s the catch? I want to get everyone checking in to the Ohio Section website as often as possible, and in order to register each month, you have to visit the website often! There’s nothing else to it.

I pay all expenses, and from time to time, I Give Away more than just a Handbook. And, you’ll never know just what months will be those special times that I will have more than just a Handbook to Give Away!!

Many of you ask me just how do I know when the drawing is on? Well, that’s easy all you need to do is check in on the Ohio Section Website on a regular basis and watch for the big **RED** Arrow that will appear on the left side of the page. This is the sign that the drawing is on and you need to get registered. So, keep a sharp eye out on the website and check in often!
<http://arrl-ohio.org>



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OHIO RECEIVES FEDERAL DISASTER DECLARATION

COLUMBUS – Local governments, state agencies and certain private non-profit organizations in 18 Ohio counties affected by February flooding are now eligible for federal funds to help pay for damage repair and extra costs they incurred as a result of the severe storms and flooding that affected southern Ohio. The federal funds have been made available as a result of the President granting Gov. John R. Kasich’s request for a federal disaster declaration.



The funds will be provided through FEMA’s Public Assistance Program, which repays local governments for eligible storm-related response and recovery efforts including debris removal, emergency protective measures and the repair, replacement or restoration of damaged infrastructure.

Kasich issued an emergency proclamation Feb. 24. A joint preliminary damage assessment, conducted by local, state and federal emergency management officials in mid-March, documented damages to county, village and township roads, bridges and public buildings totaling \$44 million.

The Ohio Emergency Management Agency (Ohio EMA) will disburse the federal funds upon receipt and will process all required documentation. This declaration authorization also makes statewide funding available through the Hazard Mitigation Grant Program. Representatives from Ohio EMA will meet with local officials to further explain the application process.

Counties covered in this declaration include; Adams, Athens, Belmont, Brown, Columbiana, Gallia, Hamilton, Jackson, Lawrence, Meigs, Monroe, Muskingum, Noble, Perry, Pike, Scioto, Vinton and Washington counties.

Teaser

(from Eldon, W5UHQ - w5uhq@softpro.cc)

Most hams understand the relationship between wavelength and frequency. Most of us remember that 10 meters is exactly 30 MHz in free space at least. We use this relationship often to convert from meters to MHz.

So, at what frequency does the frequency in MHz equal the wavelength in meters?

Hint: It is close to the 17 Meter band. Answer on page 17. [Here's a quick-link](#)

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One Question Questionnaire

Hey Gang...

There's another NEW – one question – questionnaire on the Ohio Section Website! <http://arrlohoio.org> I noticed that that around 63% of you said that you use a hard copy log book for logging your contacts. Wow.. That's way more than I would have thought!



It's all in fun and we are learning some things that we didn't know from these questions. I hope that you are enjoying answering these "ONE QUESTION" questionnaires.

Now, here's the next question... **"Do you use a hand mic, headset mic, desk mic or do you have your mic mounted on a boom for your HF Rig?"**

The survey will only take 2 seconds for you to answer it, and you can see how your answer stacks up with others instantly. If you haven't done it yet, please do. I really want to hear from you. Hey... If you've got a question that you'd like to see on our questionnaire, please send it to me!

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Club Corner

Hey Gang, here's a new segment for the newsletter, it's called "Club Corner." This is where your stories will go.

What? Stories from you? Absolutely! Have you found something interesting that you want to share with others? Send it to me, that's how the story from Ed Little came about (see his article above). He showed me what he had done to make a really neat box for his JumboSpot, and it took off from there. I know that many of you are doing similar things, and it would be great to be able to share that with everyone. Have you built a kit lately? If so, why not share how it went together. Was it easy to assemble, solder? Those are the interesting ideas that we all need to share with each other.

Most everyone has a camera on their phones now days. You know the old saying, a picture is worth a thousand words. A couple of pictures and you will have written a novel! It's really not that hard. We do have to respect copywrite material however, so please be careful when choosing something to send for me to put in the newsletter, especially if it is coming from a magazine or newspaper. When it's copywrite material, we do have to respect the authors and get permission to use it before I can print it.



Here's another idea... How's about your club meetings? Are you going to have a guest speaker coming in that you want others to know about? Is one of your own members going to give a presentation? Send it to me. Having a webinar, or Skype program? Just think, that could grow beyond your wildest expectations if more than just your local area knows about it!

Have you got a special event that you're going to do? Send it to me. I will depend on all of you for the stories that go into this section of the newsletter.

Clubs with newsletters, are you sending those newsletters to me? I get a lot of information from them, including your pictures! And YES, I really do read every newsletter that comes in to me.

Are you posting your clubs activities only on Facebook? Let me know when you've posted something that you would like shared. Again, no muss, no fuss, just send me a copy!



Does it matter where you are in the state? Absolutely NOT... I want stories from everywhere in the state! I know that we have some bordering areas where we cross-over with other states, and that's ok too, send it.

Need Help!



The Flying Pig Marathon is **May 6th**, just a few days out, and we are TEN operators short. (There were about 55 jobs outside of net control last year, we have about 45 covered this year.) My contact information is at the bottom of this thread.

Please spread the word to your friends and clubs and ARES groups. We need to handle this event with the same effectiveness and class that have described the previous 19 events. Expected weekend participation, in the aggregate, will be a record. The Marathon is sold-out and the half is close.

Signup details:

The link is: <https://volunteer.getmeregistered.com/events/register.php?id=359&group=3111>

The group password is "ham" (what else would it be, really?)

Please sign-up in the marathon's volunteer registration system so you're included in the PR count, the T-shirt count, and so I don't have to keep spreadsheets!

If you have an assignment preference (even if you've expressed it previously) please drop me a line with that information.

If you are concerned about privacy, you may use any birthday you want, the issue is just one of verifying that volunteers meet certain age requirements or are escorted (where/as appropriate). If you are "older than 18", you're good.

If you are signing up for the Saturday events (instead of Sunday, or in addition to it), please drop me a line directly after registering with the Pig. Thank you for your interest, and your partnership.

Routes:

Full: <http://www.mapmyrun.com/routes/view/1939222109>

Half: <http://www.mapmyrun.com/routes/view/1973192732>

-73- de N8TFD/Steve (513) 985-9844 "home" (513) 552-5388 "work" (859) 393-6563 cell

Need Help

The Muskingum County ARES and Ohio Amateur Radio Assoc. will be hosting a programming day on **May 6th** at the Muskingum County EMA office (2215 Adamsville Rd, Zanesville, OH 43701) from 4p-6p (maybe later depending on the attendance). This is mainly for new hams but anyone is welcome. Just need a person for to do DMR then talk about DMR at our regular OARA meeting at 6p.

Contact Matt Murphy at 740.704.8836 | KC8BEW or at matt.kc8bew@gmail.com

From Lawrence County

The Lawrence County Ohio Local Emergency Planning Committee partnered with the Norfolk Southern Railroad for their training presentation "Railroad Emergency Response" on April 25, 2018.



The training took place at the Ohio University Southern Campus Ironton. All emergency responders were invited.

Several of the Lawrence County, Ohio Amateur Radio Emergency Service group received the training. Keith Brooks N8DKB, James Miller KK4PPJ, Eddie Jenkins N8URU, Annabell Jenkins KB8TGI and Mike Love WB8YKS. Mike Boster, EMA Director and Jim Rowe, N8TVO, Southern Ohio Amateur Radio Association President and Assistant ARES, EC were also attendance. This specialized training is critical in keeping responders safe.

Mike Love, WB8YKS, Jim Rowe, N8TVO and Eddie Jenkins, N8URU representing the members of Lawrence County, Ohio Southern Ohio Amateur Radio Association and Amateur Radio Emergency Service presented an antique fire alarm box to Mike Boster, Lawrence County Ohio, EMA Director.



The presentation took place at the LEPC training on “Railroad Emergency Response” April 24, 2018 by Norfolk Southern Railroad. Mike Boster was recognized for his outstanding emergency service to Lawrence County including recognition and support of the Southern Ohio Amateur Radio Association and Amateur Radio Emergency Service. Thank you Mike Boster for your contributions. Mike Love, WB8YKS - PIO

Miamisburg Celebrating 200 years



The City of Miamisburg is celebrating its 200th year this year and the Mound Amateur Radio Association (MARA) is going to be instrumental in lending support for several of the planned activities.

There is a scheduled event every month; however, the big celebration will be the week of **16 to 23 June** with parades on the two Saturdays. MARA will be providing parade support and the club has been granted a special call, W8M, for use during the two weeks surrounding the parade.

MARA normally has the club call of W8DYY and a webpage at www.w8dyy.org. MARA has three repeaters and a Monday night net at 1900. The first and fourth Monday's are on 147.195+, the second and fifth Mondays are on 443.000+ pl 88.5 and the third Monday is on 145.330-. The nets on 147.195 and 145.330 can also generally be reached through Echolink, w8dyy-r.

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Need Help!

Tunderbunny 50K is happening on Saturday, **May 12** and gets underway at 8 am and is expected to be over in the 4-5 pm time frame. We need additional communications assistance for that day. The event is at the Strouds Run State Park. Anyone that can donate some time is asked to contact Jeff Slattery, N8SUZ@yahoo.com

Need Help!

I need volunteers for the Cleveland Marathon! Thanks in part to Hamvention we find ourselves short of volunteers. The Cleveland Marathon is **Sunday May 20** and I could really use about 10 more people.



If you are available please register here:
<https://goo.gl/forms/mv5LvEyvflZY9rOo2>

We are there from about 6 AM to 2 PM. Shorter assignments are available if needed. Please pass the word around.

Mathew Nickoson KC8NZJ [Cuyahoga County Amateur Radio Emergency Service](#)

DMR Repeater Updated in Southern Ohio

The KD8SPV Network has been updated. The following talk groups are available on the Chillicothe, Gallipolis, Minford and Ray repeaters.

Time Slot 1:	313953 - KD8SPV Local	
31393 - Southeast Ohio		
Time Slot 2:	310 - TAC 310	311 - TAC 311
2 - Local 2		
312 - TAC 312	3100 - USA	3118 - Indiana Statewide
3121 - Kentucky Statewide	3126 - Michigan Statewide	3139 - Ohio Statewide
3142 - Pennsylvania Statewide	3147 - Tennessee Statewide	3148 - Texas Statewide
3154 - West Virginia Statewide	8951 - TAC 1	8952 - TAC 2
8953 - TAC 3	9998 - ECHO (Testing)	31098 - Area 8
31390 - Ohio TAC	31391 - Northeast Ohio	31399 - Ohio-Link-YSF
31623 - Public Safety Chat	31665 - TGIF	31801 - The Gathering Spot
313938 - N8OJ Talk		

The N8OJ 443.250 Wellston, Ohio repeater is now on the KD8SPV Network. John, W8JL has graciously allowed us to use one of his DMR repeaters to connect to the KD8SPV Network to allow us to test different styles of connectivity. Depending on the outcome, this repeater may move back to the BrandMesiter Network.

To access the any of the above talk groups (with the exception of 313938) on the Wellston UHF repeater, please use Time Slot 1. Talk group 313938 N8OJ Talk is dedicated to Time Slot 2.

Lastly, the beaconing feature has been enabled on the repeaters. If you have a Motorola radio, you can program your radio to roam between sites automatically. More information about this feature will come in the future. If anyone has any questions, please feel free to contact us.

Thanks again to all who have supported the DMR project over the past year!

Justin - W8JDA
Craig - KC8VJK

Network Status: <http://status.kd8spv.net/>=

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Germantown Amateur Radio Society – Analog repeater back on-line!

It is with great pleasure that I announce that the **GARS Wide Area Repeater System 443.1875** is back in service. The repeater went back “on line” and I am looking for signal reports from base stations, mobile rigs, and HT’s.



This project was completed with help from the following club members: AL, KE8JDX; Gary, KE8FSB & Ken, KC8OIX. Without their help, this project would never have been finished.

Phil, W8RMJ

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The Ohio Weekly DMR Net Report

April 18 DMR Net

District 1 – 7	District 5 – 10	District 9 – 5	QNI: 107
District 2 – 3	District 6 – 17	District 10 – 7	
District 3 – 8	District 7 – 13		Time: 49 minutes
District 4 – 21	District 8 – 8	Outside of Ohio – 8	NCS: K8MDA



The reason for conducting this net every week is to make sure that all of our connections to the now ever-growing list of repeaters throughout the state are working as we want them to be.

Interested in being a net control for this net? Contact Duane, K8MDA at: k8mda@arrl.net It’s really easy to do and if you’re checking in to the net on a regular basis anyway, you’re already there! Please, we need volunteers from all over Ohio to do this net. It is important, and I will guarantee this, it’s really FUN!!

The reason for conducting this net every week and having you actually check “IN” is to make sure that all of our connections to the now ever-growing and changing list of repeaters throughout the state are working as we want them to.

Sometimes things don’t always work as we expect them to, and testing this system, and ourselves, each week gives us the ability to better understand what can happen during any emergency situation. Come join in on the fun every Wednesday evening at 8:30pm local on the DMR - 3139 talk group!

Has your club taken the challenge? I have challenged all the clubs in Ohio to get your members to “check-in” to the DMR Net at 8:30pm every Wednesday night. Let’s get everyone on DMR to check in!

Now, I know that it’s gonna’ take some time to get everyone to buy into this idea, but I know that it will be worth it for sure! Just think of it, around 2,000 folks all checked in on a controlled net, it will be amazing for sure and maybe one that will break a record! We’ve peaked thus far at 107 check-ins. How’s about it, let’s try to 125 this next week!

Don’t know which ARES District you’re in? Click on this link: http://arrl-ohio.org/SEC/district_map.htm and find your county. You will then see which District you reside in.

You can also find a ton of information about DMR and the most popular DMR Nets on the website: <http://arrl-ohio.org/digital/digital.html>

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Fun Things To Do, Classes & Hamfests Too *(from various newsletters and sources)*

Class Instructors - Don’t forget to register your classes with the ARRL. It’s easy to do. Make sure that you send me that information too! Just think of all of the extra publicity that you’ll get for your classes!



[>> Classes starting near you <<](#)

Relaxed Learning Session: I'm new to Amateur Radio! Now what?! *(from the toledo mobile radio association (TMRA) weekly announcements)*

May 5th from 9am - 1pm

Maumee Fire Station #2 (rear entrance of building next to blue water tower)



Join Toledo Mobile Radio Association Members at Maumee Fire Station #2 for a learning and Q&A session that should work to help newer Amateur Radio operators get started with some of the practical items that we all wish we knew when starting off in Ham Radio.

This is going to be a very relaxed learning session which is a great place to get to know TMRA members and for newer amateur radio operators to ask questions related to items they are concerned about.

We'll discuss and help newer hams resolve some of the typical early ham radio challenges including (but not limited to) the following types of discussion items (no specific order);

1. Answer any early questions and discuss list of items that we all have soon after becoming a ham. (and worries that we each had)
2. Discuss Hand-held and mobile radio types / drawbacks and benefits. Who can help me program it?
3. What is needed to setup and use a mobile or "base" radio - in car or in home (and benefits and types).
4. Discuss Effective Radiated Power in terms of Antenna benefits - Discuss types of antennas indoor/outdoor options (and why). Horizontal vs. Vertical antennas.
5. Types of feed line and what you will need (and for what) - and where to find it.
6. VHF/UHF vs HF - Who can I talk to and when?
7. Discuss using local Repeaters, internet linked repeaters, PL Tones, (repeater book/radio reference),
- 8 . Discuss Simplex vs Repeater typical etiquette (just so you know) - Examples: Q signals, calling CQ, breaks, etc.
9. First Contacts – what to expect (most important, you won't be judged so don't "sweat it".... really...)
10. Hamfests + Ham Conventions. - Why bother?
11. Where should I buy equipment and what are the risks?
12. Useful websites
13. Foxhunting and Satellites - how/where?
14. Where to find manuals and information?
15. If there is time: Antenna Analyzers and SWR Meters - what are they and when do I need one?
16. If there is time: N vs PL-259, vs SMA, versus BNC connectors
17. Benefits of organizations/clubs
18. Foxhunts - what are they and how does it work? Do I need anything?
19. HF - club events (what can I participate with?) - Operating events.

Dayton Hamvention – Get your License in ONE DAY!

Start/End Dates: 05/19/2018 - 05/19/2018

Times: 8:30am - 4:00pm

of Sessions: 1

Class level: General

Morse code offered: No

Pre-register required: Yes

Fee: \$149

Pre Study required: Yes

Class Type: Weekend/One Day

Exam offered: Yes

Instructor: W1SJ

Contact: Mitch Stern W1SJ

Phone: (802) 879-6589

Email: w1sj@arrl.net



Location: Greene County Fairgrounds

210 Fairground Rd

Xenia, OH 45385

Additional Information: Special General Class Upgrade Course held at Dayton Hamvention, Saturday, May 19, 2018. This course is for Technician class hams who want to upgrade to General. The course has 3 parts: On-line training, 2-hr video class and full day class at Hamvention. Students must do the pre-class training to be successful. Class size is limited, so enroll soon.

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ARRL V.E. Test Sessions

05/03/2018 | [London OH 43140](#)
Sponsor: MCARC
Location: Madison County Engineer's Office
Time: 7:00 PM (Walk-ins allowed)
[Learn More](#)

05/03/2018 | [Youngstown OH 44505-1400](#)
Sponsor: Mahoning ARA
Location: Red Cross
Time: 6:30 PM (Walk-ins allowed)
[Learn More](#)

05/05/2018 | [Bryan OH 43506-8410](#)
Sponsor: Williams County ARC
Location: Williams County 911/EMA
Time: 10:00 AM (Walk-ins allowed)
[Learn More](#)

05/05/2018 | [Cincinnati OH 45216-1427](#)
Sponsor: Cincinnati Repeater Assoc Inc
Location: Hartwell Presbyterian Church
Time: 8:30 AM (Walk-ins allowed)
[Learn More](#)

05/06/2018 | [Marion OH 43302-1523](#)
Sponsor: Marion ARC
Location: TV 39
Time: 2:30 PM (Walk-ins allowed)
[Learn More](#)

05/08/2018 | [Lancaster OH 43130-3014](#)
Sponsor: Lancaster & Fairfield Cnty ARC
Location: American Red Cross
Time: 7:00 PM (Walk-ins allowed)
[Learn More](#)

05/09/2018 | [Middletown OH 45042-3458](#)
Sponsor: Dial Radio Club
Location: Miami University (Middletown)-Verity Lodge
Time: 6:00 PM (Walk-ins allowed)
[Learn More](#)

05/10/2018 | [Milford OH 45150-1427](#)
Sponsor: Milford ARC
Location: Faith Church
Time: 6:00 PM (Walk-ins allowed)
[Learn More](#)

Here's also links to other great V.E. testing sites:

[Laurel V.E. Test Locations](#) & [W5YI V.E. Test Locations](#)

Contests – Just for the FUN of it!!

May 1
• [AGCW QRP/QRP Party](#)

May 2
• [Phone Fray](#)
• [CWops Mini-CWT Test](#)

See the [ARRL Contest Calendar](#) for more information. For in-depth reporting on Amateur Radio contesting

Special Events

06/02/2018 | Museum Ships Weekend
Jun 2-Jun 3, 1100Z-2100Z, K8E, Toledo, OH.
Toledo Mobile Radio Association. 14.260 14.039
7.260 7.039.

QSL. K8E Col. James M. Schoonmaker Team, P.O.
Box 9673, Toledo, OH
43697. www.tmrahamradio.org

06/14/2018 | Miamisburg Ohio 200th celebration
Jun 14-Jun 19, 0000Z-0000Z, W8M, Miamisburg,
OH. Mound Amateur Radio Association. 147.195
145.330; 443.000 pl 88.5.

QSL. W8DYY c/o Bill Pell, 1143 Charter Place,
Dayton, OH 45458. www.w8dyy.org

This year's theme for the Dayton Hamvention is **"AMATEUR RADIO.... SERVING THE COMMUNITY"**



Continuing the tradition and in harmony with this year theme, Dayton Hamvention will once again have a setup and display of emergency communications vehicles, an "ECOMM TRUCK RALLEY". The purpose of the display is to promote emergency communications and for groups who build and operate mobile communications facilities to display their equipment and demonstrate their capabilities it's also a chance for the groups to talk about how to develop emergency communications in the field and to exchange ideas with Hamvention visitors.

This is a great opportunity to share your concepts, designs, ideas, layout and equipment for mobile emergency communication in the field and to give others ideas on designing their own unit or updating their existing unit!

We have had displays as simple as a pop up tent to RV style operations. We have had displays from local groups, out of state hospital support teams, Salvation Army, Civil Air Patrol, MARS, DHS and many others.

There will be a meet and greet and "review of the troops" during the event with emergency communications leaders and managers from the ARRL, ARES, MARS and others. This would be a great time to explain your display and your emergency communications program.

It is recommended that your organization have information such as handout or flyers. Also take lots of pictures for possible publication.

There are a few basic rules:

- Setup will be on Thursday May 17, 2018 anytime during the day. Before/ afterhours arrivals by appointment.
- Display area will be in the parking lot of 2017 Hamvention tents.
- Vehicles will not be allowed to leave the display area during active Hamvention hours, but may be driven out after hours.
- Electricity hookups may not be available or some distance away. Bring long extension cords.
- No noisy generators such as construction site type above 65db noise level
- Selling/flee market out of displays prohibited.

- No holes or damage to the blacktop. If you have to use jacks or stabilizers they should have a large footprint or use a 2" thick wooden pad sufficient to distribute the weight of the vehicle.

Hamvention has offered up to four (4) gate passes that allows you entry into the entire Hamvention which are also eligible for the door prizes and one (1) parking pass to the display unit.

We do need the following Contact Name/call:

Agency/Affiliation:

Phone: Email Address:

Size of the unit:

Picture of unit:

A short description of your unit:

Send request to:

Gary Hollenbaugh, NJ8BB

Ecomm Display Coordinator

ecomm.display@yahoo.com

<http://hamvention.org/emcomm/>

937-503-7070

Please review QST March 2018 advertisement on page 122 and ARRL news letter dated March 15 2018.

Website <http://hamvention.org/emcomm/>

05/18-20/2018 | Great Lakes Division Convention (Dayton Hamvention)

Location: Xenia, OH

Sponsor: Dayton Amateur Radio Association

Website: <http://hamvention.org/>



06/02/2018 | FCARC Summer Fest

Location: Wauseon, OH

Sponsor: Fulton County Amateur Radio Club

Website: <http://k8bxq.org/hamfest>

06/16/2018 | Milford Hamfest

Location: Owensville, OH

Sponsor: Milford Amateur Radio Club

Website: <http://www.w8mrc.com>

Find all the Ohio Hamfests in one location? Go to: <http://arrl-ohio.org/hamfests.html>

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Murphy's Law



- Under the most rigorously controlled conditions of pressure, temperature, volume, humidity, and other variables the organism will do as it damn well pleases.
- If you can't understand it, it is intuitively obvious.
- The more cordial the buyer's secretary, the greater the odds that the competition already has the order.

- In designing any type of construction, no overall dimension can be totaled correctly after 4:30 p.m. on Friday. The correct total will become self-evident at 8:15 a.m. on Monday.

Final.. Final..



Hey Gang...

Things were busy once again for me this past week. I'm still going to classes to get some extra NIMS training, and going to meetings. I also took in the Jackson and Athens Hamfests as well this past weekend!

How's your training going? Are you continuing your education? Let me know if you have any new course certificates, we'll want them for the statewide database for sure. And, it doesn't always have to be about the NIMS training either. I've been taking some First Aide courses and the newest one that you'll want to consider is "Stop the Bleed..." This one is really good and it's something that you can use no matter where you are. You'll also want to consider taking a course in CPR and basic First Aid as well. These courses are not only

useful for you in the field, but you'd be surprised how they can help you around the house as well. Remember, most accidents happen within 25 miles of you home! You need to be prepared!

Things have slowed down a bit for the Ohio Section website for now, but thanks to Greg, WD9FTZ there is a new updated DMR Net listing once again posted.

Ok, I want to update you on the NIMS count. We now have 692 persons registered in our NIMS database. That's only 8 away from hitting that 700 mark and giving away another ARRL ARES Vest! Let's get the **700th person** registered BEFORE Dayton!!

Have you gotten your courses in yet? How about it, I know that there's still a lot of you out there that have not taken the NIMS classes yet. C'mon, what have you got to lose? Here's a link to get you started on your way: <http://arrl-ohio.org/SEC/training.html>

Hey Gang.. If you haven't looked yet, the videos of the Ohio Section ARES Conference have been posted on the website. There's a number of hours' worth of videos up there, so grab a big cup (mug) of your favorite beverage and snacks, then sit back and enjoy the Conference! <http://arrl-ohio.org/SEC/sec-conf-2018.html>

That's going to do it this time around... I'll catch you on down the log for sure, and stay warm my friends, remember the Dayton Hamvention is just 18 more days away!!!!

Scott, N8SY... -sk-

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Answer to the Teaser Question:

Answer:

Remember the formula $\text{Velocity} = \text{Frequency} * \text{Wavelength}$ for an electromagnetic wave (EQ 1)

The magic constant V_f is 300,000 meters per second or the speed of light.

The trick to solving this problem is be careful with units in (EQ 1)

Velocity in Meters / Sec only if Frequency is in Hz and Wavelength is in Meters.

Let's dust off a little algebra to solve this:

$$V = F * W \quad (\text{EQ 1 again})$$

Since we want F in MHz we must express EQ 1 as:

$300,000 \text{ m/sec} = 3 \times 10^5 = (F / 10^6) \text{ Hz} * L \text{ meters}$ remember F must be in Hz not MHz before we solve

$\text{Hz} = 1 / \text{sec}$ in units

IF $F = L$ (The riddle we are trying to solve)

After a little algebraic magic:

Solving for F and L

$$F^2 = 3.00 * 10^{14}$$

$$F = \text{Sqrt} (3.00 \text{ E}+14) \text{ Hz}$$

$$F = 17.32 \text{ MHz}$$

$$L = F = 17.32 \text{ Meters}$$

Verify these numbers are correct by plugging into Equ 1.

[TOP^](#)

Back Issues of the PostScript and Ohio Section Journal (OSJ)

Hey, did you know that PostScript and Ohio Section Journal (OSJ) are archived on the website? You can go back and look at any edition simply by clicking:

<http://arrrl-ohio.org/news/index.html>



Chit – Chat, and All That!

Do you know someone that's not getting these Newsletters? Please, forward a copy of this Newsletter over to them and have them "[Opt-In](#)" to start receiving them. Heck, just have them send me an email n8sy@n8sy.com and I'll get them added to the Ohio Section Emailing list.



We now have many thousands of readers receiving these newsletters weekly. Quite impressive, I'd say! I urge all of you to make sure that everyone, regardless of whether they are a League member or not, get signed up to receive these weekly Newsletters.



You can always "[Opt-Out](#)" at any time if you feel this is not what you were expecting. It's fun and very informative. All of your favorite past newsletters are now archived too. You can go back at any time and read them. Just go to: <http://arrl-ohio.org/news/>

Got questions, concerns or would just like to sit and chat awhile? Heck, I'll even buy the coffee!! Give me a call at (419) 512-4445 or email me at: n8sy@n8sy.com

The pictures on the front page are from various newsletters, Facebook posts and/or were sent directly to me in recent weeks. Take a good look at them, you just might be in one of the pictures! "SMILE... you're on the Ohio Section News!!"



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SORRY FOLKS



We've reached the end of PostScript!

**We'll be back next week with
another great edition...**

PostScript is produced as a weekly supplement to the Ohio Section Journal (OSJ). I sincerely hope that you have enjoyed this edition of PostScript, and will encourage your friends to join with you in receiving the latest news and information about the Ohio Section, and from around the world!