



September 10 Edition

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National News and Other Items

(from arrl bulletins)

Digital Mobile Radio Hotspots May Be Interfering with Satellite Uplinks, AMSAT Reports



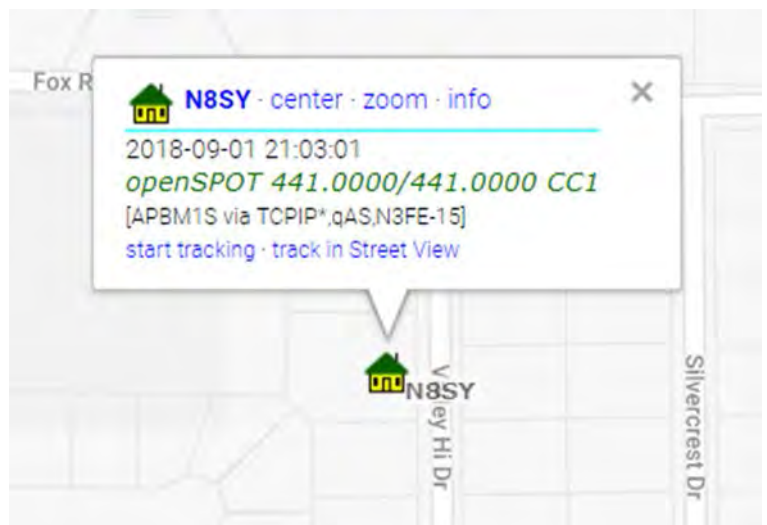
This week, AMSAT News Service (ANS) cited an August 27 report from AMSAT Vice President-Operations Drew Glasbrenner, KO4MA, saying that a digital mobile radio (DMR) signal has been interfering with the AO-92 (Fox-1D) satellite's 435.35 MHz uplink frequency. Glasbrenner said hotspots, repeaters, terrestrial simplex, and "anything not satellite" should never transmit in the segments 145.8 – 146.0 MHz or 435 – 438 MHz by international band plan. Well-known satellite enthusiast Patrick Stoddard, WD9EWK/VA7EWK, told ARRL that one DMR hotspot operating on the AO-92 uplink frequency in the St. Louis area has shifted to another frequency. But, he added, "I think there are still issues, since not all

hotspots will report their frequencies and positions to websites such as [BrandMeister](#) or via APRS, where they appear on other sites such as <http://aprs.fi>."

"There are others surely operating near satellite uplinks," Stoddard added. "For many, the 435 – 438 MHz satellite subband is a big piece of quiet real estate in a busy part of the 70-centimeter band for weak-signal work, repeater links, amateur TV, and other possible uses."

Stoddard points out that FCC Part 97 addresses Amateur Radio operation in these segments, although regulations in many other countries may not be as detailed. §97.3(a)(7) defines Auxiliary Stations as, "an amateur station, other than in a message forwarding system, that is transmitting communications point-to-point within a system of cooperating amateur stations."

Stoddard said this would include remote bases, EchoLink and IRLP nodes, and hotspots used for digital voice modes, as well as stations using these hotspots and nodes. Auxiliary stations may not transmit in the 145.8 – 146.0 and 435 – 438 MHz satellite subbands (among others in the 2-meter and 70-centimeter amateur bands), per §97.201(b).



- §97.3(a)(40) defines a repeater as, "an amateur station that simultaneously retransmits the transmission of another amateur station on a different channel or channels." Stoddard said that because most hotspots operate on a discrete frequency, they would not qualify as repeaters, even if they operate like a repeater, per §97.205(b).
- §97.101(a) stipulates, "In all respects not specifically covered by FCC Rules, each amateur station must be operated in accordance with good engineering and good amateur practice." Stoddard remarked, "Whether the hotspot is interfering with a satellite downlink in a particular area, or it is interfering with the satellite uplink affecting a much larger area, this would not be good amateur practice."

- In addition to subbands where hotspots are not permitted, Stoddard said, §97.101(b) is also relevant. It states, “Each station licensee and each control operator must cooperate in selecting transmitting channels and in making the most effective use of the Amateur Service frequencies. No frequency will be assigned for the exclusive use of any station.”

Stoddard noted that frequencies used by satellites are usually incapable of being changed and are coordinated in advance of launch, while hotspots typically are frequency agile, and the frequencies used by those systems can be changed to avoid potential interference to satellites and other stations. — *Thanks to AMSAT News Service, Patrick Stoddard, WD9EWK/VA7EWK*

Ed Note.. Hey gang, I ran with this story before it became national news last week, so if you didn't get the hint that you need to make sure that your OpenSpot, ChinaSpot, DVMM or similar device is operating where it shouldn't be, you need to make sure that you get the frequency changed very soon. Now that it has been highlighted nationally, you can bet that the FCC will be looking at [APRS.FI](#) website as well. At this time there seems to be around 61 of the visible 162 units that are not in compliance here in Ohio alone. That's really something that we shouldn't be proud of for sure!

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Ohio Emergency Management Agency Issues Tips for Disaster Preparedness

In recognition of National Preparedness Month in September, the Ohio Emergency Management Agency (OEMA) issued tips that Ohioans can use to be ready in case a disaster strikes.



“There is no better time than now to be prepared,” said OEMA Executive Director Sima Merick. “Emergencies and disasters can happen at any time, often without any warning. Knowing what hazards or severe weather events could impact your area; practicing your emergency plans; updating your disaster supply kits – these are just some things everyone can do to be self-sufficient and to enhance community resilience.”

The tips issued by OEMA included:

- Organize disaster supply kits for your home and vehicles. A supply kit is a collection of basic household items needed in the event of an emergency. After a disaster happens, you may need to survive on your own for several days. Your disaster kits should have enough food, water, and other essential items to sustain everyone in your home (including pets) for at least three days.
- Take time to learn life-saving skills – actions you can take to prepare for and protect against disasters and severe weather events. Install smoke, carbon monoxide and natural gas detectors and test them monthly. Know how to turn off utilities, like water and gas. Talk to your landlord or building manager about evacuation routes and fire safety. Know two ways out of your home in case of a fire and practice evacuation plans.
- Check your insurance policies and coverage for the hazards that might impact your home or community, such as flooding, tornadoes or home fires.

- Consider the costs associated with disasters. Consider saving money in an emergency savings account that could be used in any crisis. Keep a small amount of cash at home in a safe place. Have small bills on hand because ATMs and credit cards may not work after a disaster when you may need to purchase necessary supplies, fuel or food.

In addition, the Federal Emergency Management Agency (FEMA) coordinated with OEMA and ReadyOhio to encourage households, local emergency management agencies, businesses, schools and places of worship to participate in National Preparedness Month weekly themes for 2018:

Sept. 9-15: Learn Life-Saving Skills
Sept. 16-22: Check Your Insurance Coverage
Sept. 23-29: Save for an Emergency

More information on National Preparedness Month weekly themes is available at the ReadyOhio website: <http://www.ready.ohio.gov/index.stm>

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Scouting's Jamboree-On-The-Air (JOTA) coming in October

Jamboree-on-the-Air

Jamboree-on-the-Air, or JOTA, is the largest Scouting event in the world. It is held annually the third full weekend in October. JOTA uses amateur radio to link Scouts and hams around the world, around the nation, and in your own community. This jamboree requires no travel, other than to a nearby amateur radio operator's ham shack. Many times you can find the hams will come to you by setting up a station at your Scout camporee, at the park down the block, or perhaps at a ham shack already set up at your council's camp.



Tell Me More

Scouts of any age can participate, from Cub Scouts to Boy Scouts and Venturers, including girls. Once at the ham radio station, the communication typically involves talking on a microphone and listening on the station speakers. However, many forms of specialized communication may also be taking place, such as video communication, digital communication (much like sending a message on your smartphone but transmitted by radio), or communication through a satellite relay or an earth-based relay (called a repeater). The exchanges include such information as name, location (called QTH in ham speak), Scout rank, age, and hobbies. The stations you'll be communicating with can be across town, across the country, or even around the world! The World Scout Bureau reported that the 2017 JOTA-JOTI had over 1.5 million Scout participants from more than 160 countries.



When Is It?

Jamboree-on-the-Air is held the third weekend in October. This year that is: **October 20 – 21 to be exact.** There are no official hours, so you have the whole weekend to make JOTA contacts. The event officially starts Friday evening during the JOTA Jump Start and runs through Sunday evening.

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How Can I Participate as a Scout?

Contact your local Scout council and see what may already be planned in your area. You can also contact a local ham radio operator or a local amateur radio club. You can find a searchable database of clubs at www.arrl.org/find-a-club. This website is operated by the American Radio Relay League, the national association for amateur radio, which is cooperating closely with the BSA on JOTA and many other activities. Your local club may be able to direct you to its planned JOTA activities. These can include ham stations set up at camporees or other events. Or, if there are no planned activities, you can either work with them to get something set up or arrange to visit a local radio operator's ham shack at a scheduled time to participate in JOTA.

How Can I Participate as an Amateur Radio Operator?

Contact your local Scout council and see what may already be planned in your area and how you can help. You can find your council using [the Council locator](#).

One Question Questionnaire



Hey Gang

Wow... I'm really surprised that only about 11% of you tuned in to the Hurricane Net while we had an active storm going on. I would have expected the percentage to be way higher than that.

OK... Here's the next question for you to answer, and it comes from Ron, WD8SBB

“Do you have a HF antenna that is currently operational??”

You'll find the “One Question” questionnaire on the Ohio Section Website! <http://arrloho.org> It's all in fun and it's not a scientific survey in any way, but we are learning some things that we didn't know from these questions. I hope that you are enjoying answering these “ONE QUESTION” questionnaires.

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Club Corner

This is YOUR corner of the newsletter. Send me what your club is doing and I'll make sure that it gets in. Got a special event or club project that you want everyone to know about? Send it to me!. Need help with a project? Send it to me.

Let me know what you club is up to. Are you going to have a special guest at your meeting or are you having a special anniversary? Just sent it to: n8sy@n8sy.com



Help Wanted

Summit County ARES is looking for volunteers to assist with the Akron Marathon **September 29th**. This is one of our largest events spanning 26 miles through the city and surrounding neighborhoods in the Akron area.

A minimum of at least 15 volunteers would be helpful to man watering stations, medical stations along the route, SAG, Med transport and milepost locations...

Anyone interested can sign up at www.summitares.org

First Aid, CPR and AED Classes Forming

There will be a First Aid, CPR, and AED class on **Saturday, October 27th from 9:00 am till about 3:00 pm**. If you want a card or certificate the cost will be \$25.00. The class will be instructed by Lawrence County EMS personnel and is certified by the American Heart Association. We have checked around and this is the best price we can find for a complete class. **Please register on ARES Connect under Lawrence County Events.**

WebEOC Training

When—September 14th from 10 to Noon

Where—County Services Building at 940 London Avenue, Marysville OH

What—WebEOC is a web-based information management system that provides a single access point for the collection and dissemination of emergency or event-related information. It can be used from your desk, command post or home.

Who—Who would likely be in the Emergency Operations Center or would benefit from the ability to monitor a major event.

Please bring your own laptop to the training, if you don't have one please **contact Rob Jostes at 937-707-7154**. Instruction will be delivered by the Ohio EMA and local staff.

Programming Classes to be given at Silvercreek Amateur Radio Association

(from Jason, N8JDM)

SARA is holding a programming clinic for any licensed amateur on **Saturday, October 20th**. The clinic will be held 10 am to 12 noon at the Wadsworth Public Library, 132 Broad St. in Wadsworth Ohio. Experienced hams will lead a presentation and discussion on the following topics:

- Basic FM radio operations
- Basic antenna information including fixed, mobile, and H/T considerations
- Basic repeater operations covering how repeaters work, offsets/splits, CTCSS/PL, Digital Coded Squelch (DCS), Allstar, and Echolink

- Basic concepts in radio programming
- How to program radios from the keypad
- How to program radios using the Chirp software

Following the presentation, experienced hams will be on hand to program radios with a stock list of area repeaters or to help people program their radios with their own equipment. SARA's website has more information at <https://w8wky.org/clinic>.

If you know anyone who would like a flyer to pass out, we have a downloadable one at <https://w8wky.org/wp-content/uploads/2018/07/Programming-Clinic-Flyer.pdf>

AID OH TWP VFD BEFORE AND AFTER THE EVENT

(From Michael Love, WB8YKS - SOARA / ARES – PIO)



AID Township VFD Fire Chief, Louis Pauley and Fireman, Matt Jenkins requested that the Southern Ohio Amateur Radio Association and Lawrence County, Ohio Amateur Radio Emergency Service to participate in the Aid Township VFD “Fun Days” special event on Saturday, September 8, 2018 at the Symes Valley ball field on State Route 141. >P> Jim Rowe N8TVO, Eddie Jenkins N8URU, Keith Brooks N8DKB, Tim Nicely AC8VQ, Annabelle Jenkins KB8TGI and Mike Love WB8YKS set up and operated the SOARA / ARES Special Event Station from 9:00 until 2:00.

HF and Two Meter radios were used for demonstration purposes with several contacts throughout Europe including Germany, Ireland, and Sweden.

It is interesting to note that Aid Township is located in a very rural part of Lawrence County and does not have cell phone coverage, cable TV or the Internet, however the community had the opportunity to talk with amateurs around the world from our basic special event station. Additionally, the 146.610 repeater was utilized which is only located about 3 miles from the event. This repeater has excellent coverage for the geographic area and is a primary source of emergency communications/back up for emergency served agencies such as the Aid Township Volunteer Fire Department, EMA, Sheriff, EMS, Red Cross and 911.

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Although, there was light rain most of the day it did not dampen the spirits of the adults or the youth who thoroughly enjoyed the event. It was like a small country county fair with all the expected activities including Clydesdale horses, pony rides, inflatables, special live music, vendors, informational booths, and the most sought after, grilled hotdogs and other concessions. Additionally, the Aid Township Volunteer Fire Department demonstrated an extrication of a vehicle.

Several adults and youth visited with the ham radio operators and learned about Ham Radio. They also took brochures with them about the many facets of ham radio provided by SOARA, ARES, the American

Radio Relay League (ARRL), emergency preparedness, as well as other information from the EMA, Fire Services, Forestry, LEPC, National Weather Service and other agencies. This was very fitting inasmuch as September is National Preparedness Month.

At the close of the event the Aid VFD Fire Chief and his Assistant Chief, Ron Justice thanked each amateur and the Chief had these words to say, "it's important for our community to meet the amateur radio operators and learn about their unique capabilities along with the emergency services they provide to our area." It was truly a "Fun Day".

Additional pictures can be found on Facebook: Lawrence Ohio ARES and at the website www.W8SOE.ORG.



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!



Technician Classes forming

The TMRA Education Committee has released the schedule for the Fall Technicians Class. The class schedule will follow our traditional style. Two classes held two weeks apart and a V.E. Testing Session after the final class. The Class is FREE, you will have to provide your own book, or one can be purchased from the TMRA (\$25.00). The testing session will cost \$15.00 which is the standard fee set by the ARRL.

Class one will be held on **Saturday October 27th** from 08:00 TILL 17:00. Class two will be held on **Saturday November 10th** from 08:00 TILL 17:00 (This includes the V.E.Session) Both classes will be held at Lucas County EMS Training Center - 2127 Jefferson Avenue, Toledo

To Enroll in the Class, or for more Information please contact Steve Stalker, KC8TVW at 419-467-3734 or kc8tvw@arrl.net

Possible AUXCOM Course Becoming Available

Would you be interested in attending an AUXCOM course at the Franklin County EMA sometime in the future.

Franklin County EC, John Montgomery-N8PVC, in conjunction with the local Franklin County EMA is working to host the AUXCOM course. The critical resource is qualified instructors and finding a place on their schedule.

It is important to understand the demand for this course so that information can be passed to those approving the course. That makes responding to this posting very important. No course delivery dates have been established beyond a target date range that goes through **December 1st**. There is a minimum number of students required to enroll before a course is delivered, generally fifteen.

So please let me know who is interested. Email me at: kb8ymn@sbcglobal.net

Amateur Radio Technician course

The Portage County Amateur Radio Service, Inc. (PCARS) is sponsoring an Amateur Radio Technician course that will enable you to obtain your FCC Technician license.

When: **Wednesday evenings 7:00 p.m. – 9:00 p.m.** Starting: **September 19, 2018 through November 7, 2018** - 8 weeks. Official Amateur Radio License testing will be held at the end of the course (Nov 7th).

Where: At the PCARS Club Site Radio Room located in the Dietrich Building 705 Oakwood St. in Ravenna

Registration: First night of class Cost: **\$25.00** Registration fee. (No Registration Fee for PCARS Members) \$30 Text – “Ham Radio License Manual” (text may be purchased first night of class)

For more information: Contact Jim Wilson, AC8NT at: jawilson@j3solutions.com or phone: 330-342-8149

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Incident Command System (ICS) Training Schedule

All current trainings are listed on the Ohio EMA training calendar located at:

<https://webeoctraining.dps.ohio.gov/TrainingAndExercise/courselist.aspx>

Name	Session	Location	Enroll
L967 Logistics Section Chief	September 10 – 14, 2018	Franklin County Emergency Management and Homeland Security Agency 5300 Strawberry Farms Blvd., Columbus, OH 43230	Enroll
G775 EOC Management and Operations	September 12 - 13, 2018	Newark Police Department 39 S. 4th Street Newark, Ohio 43055	Enroll
ICS-400 Advanced ICS	September 15 - 16, 2018	Hocking College, School of Public Safety 3301 Hocking Parkway Nelsonville, Ohio 45764	Enroll
G-402 ICS Overview for Executives and Senior Leaders	September 18, 2018	Marietta College - Planetarium, 214 4th Street, Marietta, Ohio 45750	Enroll
ICS-300 Intermediate ICS	September 18 - 20, 2018	Franklin County Emergency Management & Homeland Security 5300 Strawberry Farms Blvd. Columbus, OH 43230	Enroll
OH-276 Benefit Cost Analysis (BCA) Workshop	September 20, 2018	Ohio Emergency Management Agency 2855 West Dublin Granville Road Columbus, Ohio 43263	Enroll
ICS-400 Advanced ICS	September 20-21, 2018	Franklin County Emergency Management & Homeland Security 5300 Strawberry Farms Blvd. Columbus, OH 43230	Enroll
L984 Task Force/Strike Team Leader	September 24 - 26, 2018	Independence Civic Center 6363 Selig Blvd. Independence, Ohio 44131	Enroll
OH-101 Developing and Maintaining Emergency Operations Plans (EOP)	September 26, 2018	Geauga County Dept. of Emergency Services 12518 Merritt Rd Chardon, OH 44024	Enroll
OH-101 Developing and Maintaining Emergency Operations Plans (EOP)	October 2, 2018	Butler County EOC 1810 Hamilton Princeton Road Hamilton, OH 45011	Enroll
ICS-300 Intermediate for Expanding Incidents	October 2 - 4, 2018	Franklin County Emergency Management & Homeland Security 5300 Strawberry Farms Blvd. Columbus, OH 43230	Enroll
MGT-347 Incident Command Systems Forms Review	October 2, 2018	Franklin County Emergency Management & Homeland Security 5300 Strawberry Farms Blvd. Columbus, OH 43230	Enroll

ICS-300 Intermediate ICS	October 5 - 7, 2018	Robert E. Byer Emergency Operations Center 41859 Pomeroy Pike, Pomeroy, Ohio 45769	Enroll
ICS-300 Intermediate ICS	October 9 - 11, 2018	Kinder Morgan-Pinney Dock Terminal 1149 East 5th Street Ashtabula, Ohio 44004	Enroll
G386 Mass Fatalities Incident Response	October 10-11, 2018	Jackson Fire Department Annex 166 Pearl Street Jackson, Ohio 45640	Enroll
OH-101 Developing and Maintaining Emergency Operations Plans (EOP)	October 10, 2018	Fulton County Emergency Management Agency 8488 State Route 108 Wauseon, OH 43567	Enroll
OH-607 PA Cost Documentation/Damage Assessment Course	October 15, 2018	Delaware County EMA/EOC 10 Court Street Delaware, Ohio 43015	Enroll
OH-200 Fall Conference	October 18, 2018	The Ohio Union (Performance Hall), The Ohio State University 1739 N. High Street, Columbus, OH 43210	Enroll
ICS-400 Advanced ICS	October 20 - 21, 2018	Robert E. Byer Emergency Operations Center 41859 Pomeroy Pike, Pomeroy, Ohio 45769	Enroll
ICS-300 Intermediate ICS	October 22 - 24, 2018	Defiance County EMA 22491 Mill Street Defiance, Ohio 43512	Enroll
OH-139 Exercise Design Course	October 23 - 25, 2018	Franklin County Emergency Management and Homeland Security 5300 Strawberry Farms Blvd. Columbus, Ohio 43230	Enroll
EMA-ICS300SummitCoOct2018	October 23 - 25, 2018	Summit County Public Health Command Room, **Enter at Entrance A 1867 W. Market Street, Akron, OH 44313	Enroll
G290 & G291 Basic Public Information Officer Series	October 24 - 26, 2018	Cleveland Office of Emergency Management / EOC 205 West St. Clair Avenue Cleveland, OH 44113	Enroll
ICS-400 Advanced ICS	October 29 - 30, 2018	Defiance County EMA 22491 Mill Street Defiance, Ohio 43512	Enroll
ICS-400 Advanced ICS	October 31 - November 1, 2018	Summit County Public Health Command Room, **Enter at Entrance A 1867 W. Market Street, Akron, OH 44313	Enroll
G428 CERT Train-the-Trainer Course	November 2 - 4, 2018	Ohio Emergency Management Agency 2855 West Dublin Granville Road Columbus, Ohio 43263	Enroll
G775 EOC Management and Operations	November 5 - 6, 2018	North East Ohio Regional Sewer District 4747 E. 49th St. Cuyahoga Hts, OH 44125	Enroll

OH-139 Exercise Design Course	November 5-7, 2018	Ashtabula County Engineer's Office 186 E. Satin Street (2nd Floor) Jefferson, Ohio 44047	Enroll
L950 Incident Commander (IC)	November 5 - 9, 2018	Newton Township Fire Department 1 Firehouse Drive St Louisville, OH 43071 Access the link for directions: https://goo.gl/maps/V8g1FGEmhKo	Enroll
L388 Advanced Public Information Officer (APIO)	November 5 - 9, 2018	Ohio Emergency Management Agency 2855 West Dublin Granville Road Columbus, Ohio 43263	Enroll
ICS-300 Intermediate ICS	November 7 - 9, 2018	Seneca County EMA 126 Hopewell Ave Tiffin, OH 44883	Enroll
L956 Liaison Officer	November 8 – 9, 2018	Franklin County Emergency Management and Homeland Security Agency 5300 Strawberry Farms Blvd., Columbus, OH 43230	Enroll
ICS-400 Advanced ICS	November 13 – 14, 2018	Seneca County EMA 126 Hopewell Ave Tiffin, OH 44883	Enroll
L970 Supply Unit Leader Course	November 13 - 16, 2018	Brecksville Fire Department 9023 Brecksville Road Brecksville, Ohio 44141	Enroll
G-289 Public Information Officer (PIO) Awareness Course	November 14, 2018	Franklin County Emergency Management and Homeland Security 5300 Strawberry Farms Blvd. Columbus, Ohio 43230	Enroll
G108 Community Mass Care and Emergency Assistance	November 14 - 15, 2018	The American Red Cross 2111 Dana Ave Cincinnati, OH 45207	Enroll
G290 Basic Public Information Officer Course	November 14 & 15, 2018	Portage County Emergency Operations Center 8240 Infirmary Road Ravenna, OH 44266	Enroll
OH-101 Developing and Maintaining Emergency Operations Plans (EOP)	November 15, 2018	Jackson Fire Department Annex 166 Pearl Street Jackson, Ohio 45640	Enroll
OH-606 Recovery from Disaster Workshop	***New Date** November 15, 2018	Tuscarawas County Emergency Operations Center 2295 Reiser Rd SE New Philadelphia, Ohio 44663 (308)	Enroll
G288 Local Volunteer and Donation Management	November 15 - 16, 2018	Franklin County Emergency Management and Homeland Security 5300 Strawberry Farms Blvd. Columbus, Ohio 43230	Enroll
OH-131 Exercise Evaluation Course	November 29, 2018	Franklin County EMA&HS 5300 Strawberry Farms Blvd. Columbus, Ohio 43230	Enroll

ICS-300 Intermediate ICS	December 3 - 5, 2018	Putnam County Educational Services Center 124 Putnam Parkway Ottawa, OH 45875	Enroll
OH-202 Debris Management Workshop	December 4, 2018	Ohio Emergency Management Agency 2855 West Dublin Granville Road Columbus, OH 43235	Enroll
ICS-400 Advanced ICS	December 10 - 11, 2018	Putnam County Educational Services Center 124 Putnam Parkway Ottawa, OH 45875	Enroll
ICS-300 Intermediate ICS	December 10 - 12, 2018	St. Luke's Hospital - Auditorium B 5901 Monclova Road Maumee, Ohio 43537	Enroll
ICS-300 Intermediate ICS	December 12 - 14, 2018	Mayfield Heights Fire Department (Training Room) 6154 Mayfield Road Mayfield Heights, Ohio 44124	Enroll
ICS-400 Advanced ICS	December 12 - 13, 2018	St. Luke's Hospital – Auditorium B 5901 Monclova Road Maumee, Ohio 43537	Enroll
ICS-400 Advanced ICS	December 19 - 20, 2018	Mayfield Heights Fire Department (Training Room), 6154 Mayfield Road, Mayfield Heights, Ohio 44124	Enroll

Please pay particular attention to these courses listed above, as that there's a lot of ICS 300 & 400 classes listed that are very useful for all Amateurs to have under their belts. I will also state that G775 is also a very good course to take as well. These 3 courses are multiple day in class courses, so please be prepared to spend some time taking them.

I would like to remind any of you that are going to take any of the in-class training sessions that you dress appropriately. Please don't go into these classes with attire that doesn't represent you, and Amateur Radio in the best of light. I'm not setting a dress code, but if you wouldn't take your wife out to a nice restaurant in these clothes, you may want to reconsider what you are wearing. Remember, you will be in class with fire / police chiefs, mayors, township trustees and a whole host of other government and civil officials that will remember how you represented Amateur Radio while you were in these classes together.

Most, if not all of these courses are **free**, but please pay close attention when signing up. There will be a statement of fees if there are any at that time.

We do recognize that IS-300/400 requires multiple days of actual classroom training that is not easily obtained. So, if you just can't find the time to fit these class room courses in, we do have an alternative method for getting you to Level 3. Completing the following **“FREE”** and **“ONLINE”** courses will act as substitute for you FEMA Leadership Development Course requirements. You absolutely will need to complete all **7** of these courses to get your ICS 300/400 credit. Here are the courses that you need to take: **IS-120, 230, 240, 241, 242, 244 & 288.**

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V.E. Test Sessions

(from arrl)

09/11/2018 | [Lancaster OH 43130-3014](#)
Sponsor: Lancaster & Fairfield Cnty ARC
Location: American Red Cross
Time: 7:00 PM (Walk-ins allowed)
[Learn More](#)

09/12/2018 | [Cincinnati OH 45242-5614](#)
Sponsor: Greater Cincinnati ARA
Location: Blue Ash Recreation Center
Time: 6:30 PM (Walk-ins allowed)
[Learn More](#)

09/13/2018 | [Milford OH 45150-1427](#)
Sponsor: Milford ARC
Location: Faith Church
Time: 6:00 PM (Walk-ins allowed)
[Learn More](#)

09/15/2018 | [Greenville OH 45331-1038](#)
Sponsor: Treaty City ARA
Location: Beehive One Room School
Time: 10:00 AM (Walk-ins allowed)
[Learn More](#)

09/15/2018 | [Springfield OH 45506-1607](#)
Sponsor: CLARA
Location: Main Branch
Time: 11:30 AM (Walk-ins allowed)
[Learn More](#)

09/16/2018 | [Elyria OH 44035-1343](#)
Sponsor: American Red Cross
Location: American Red Cross
Time: 12:50 PM (Walk-ins allowed)
[Learn More](#)

09/18/2018 | [Sandusky OH 44870-1926](#)
Sponsor: Sandusky, Ohio VE Team
Location: Sandusky Radio Club
Time: 7:00 PM (Walk-ins allowed)
[Learn More](#)

09/19/2018 | [Stow OH 44224-4097](#)
Sponsor:
Location: Stow-Munroe Falls Public Library
Time: 7:00 PM (Walk-ins allowed)
[Learn More](#)

09/23/2018 | [Berea OH 44017](#)
Sponsor: Cleveland Hamfest
Location: Cuyahoga County Fairgrounds, Cleveland
Hamfest Bldg 29
Time: 12:00 PM (Walk-ins allowed)
[Learn More](#)

09/23/2018 | [Cortland OH 44410-1473](#)
Sponsor: NE Ohio ARC
Location: Ohio State Extension Office
Time: 6:30 PM (Walk-ins allowed)
[Learn More](#)

Special Events

- **09/15/2018 | Crash of USS Shenandoah**
Sep 15, 1700Z-2100Z, K8S/N8S/W8S, Ava, OH. Cambridge Amateur Radio Association/Belle Valley Amateur Radio Club of American Legion Post 641. 7.235 7.230 7.225. Certificate. Cambridge Amateur Radio Association, P.O. Box 1804, Cambridge, OH 43725. Commemorating the crash of the airship USS Shenandoah. There were three crash/debris sites. Operations will be from the three crash sites using call signs: K8S, N8S, and W8S. www.w8vp.org
- **09/22/2018 | VOA Anniversary**
Sep 22, 1300Z-2100Z, WC8VOA, West Chester, OH. West Chester Amateur Radio Association. 14.270. QSL. Mike Braun, 8070 Tylersville Rd., West Chester, OH 45069. voamuseum.org

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- **10/19/2018 | Commemorating 79th. Anniversary of the United States Coast Guard Auxiliary**
Oct 19-Oct 21, 1402Z-1402Z, W8E, Loveland, OH. United States Coast Guard Auxiliary District 8ER. 21.336
 7.234. QSL. David Stroup, 6138 Misty Creek Dr., Loveland, OH 45140. cgaux8@yahoo.com

Contest Corner

(from arrl bulletins)

September 10

- [4 States QRP Group Second Sunday Sprint](#)
- [RSGB 80m Autumn Series, SSB](#)

September 13

- [CWops Mini-CWT Test](#)

September 15

- [ARRL 10 GHz and Up Contest](#)
- [SARL VHF/UHF Digital Contest](#)
- [All Africa International DX Contest](#)
- [Scandinavian Activity Contest, CW](#)
- [SRT HF Contest SSB](#)
- [Iowa QSO Party](#)
- [New Hampshire QSO Party](#)
- [Washington State Salmon Run](#)
- [New Jersey QSO Party](#)
- [QRP Afield](#)
- [Feld Hell Sprint](#)

September 17

- [Run for the Bacon QRP Contest](#)
- [144 MHz Fall Sprint](#)

September 12

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

September 14

- [NCCC RTTY Sprint](#)
 - [NCCC Sprint Ladder](#)
- [SARL VHF/UHF Analogue Contest](#)

September 16

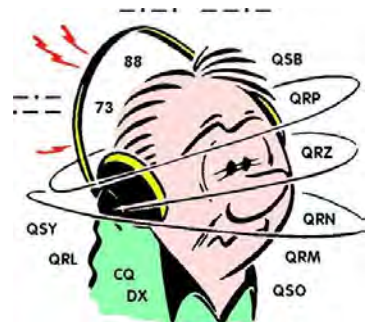
- [New Hampshire QSO Party](#)
- [Washington State Salmon Run](#)
- [New Jersey QSO Party](#)
- [North American Sprint, RTTY](#)
- [BARTG Sprint 75](#)

September 19

- [Phone Fray](#)
- [CWops Mini-CWT Test](#)
- [RSGB 80m Autumn Series, CW](#)

DX This Week

Received a note from my DX Mentor, "Uncle Frank." Uncle Frank, after 25 years of chasing DX, has declared that 30 meters is now THE DX band at the bottom of the current cycle and FT8 is THE mode. What is he basing that on? Well, in the current calendar year, Uncle Frank has worked 86 entities on 30M and 145 entities on FT8. All with less than 100W and a dipole. It CAN be done. Let me know if you are having success!



DX Topic of the Week: Entities – All DX awards are based on an "entity." There are hams who will personally spend \$20,000 or more to be part of a DXpedition trip to a rare entity. Some entities only have ham activities every few years or longer! This really increases the demand for that entity.

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In its' simplest form, an entity is a country recognized by the United Nations. There are other criteria such as separation by another county (i.e. Alaska) or separation by a significant distance of water. (i.e. Hawaii) The criteria for inclusion or exclusion of entities from the list have been refined occasionally during the life of the program. There are currently 340 entities on the official ARRL DXCC list.

One of the awards that I like to pursue is the annual CQ Marathon. (More on that in a few issues) The Marathon uses the CQ entity list, of which the ARRL list is a subset. From the CQ website (<http://dxmarathon.com/countrieslist/countrieslist.htm>) "This list of separate countries (entities) for the CQ World Wide DX Contest and the CQ DX Marathon is based on a combination of the ARRL DXCC list, additional entities on the WAE (Worked All Europe) list, and the Italian islands of Lampedusa (IG9) & Pantelleria (IH9), in CQ Zone 33 off the coast of North Africa. This provides a total of 346 entities, based on 340 DXCC entities, six additional WAE entities (GM/Shetland, IT/Sicily, TA1/European Turkey, 4U1VIC, JW/Bear Is.) plus African Italy."

From "The Weekly DX" (bernie@dailydx.com), we know of the following planned activity:

- VP6D – Ducie Island - There is a new Press Release regarding the VP6D DXPedition at www.vp6d.com
- XX9 – Macao – The team that activated Macao in 2017 is going to do it again in Feb of 2019. They have excellent operators and great equipment.
- A5 – Bhutan – More details on the A5 DXPedition should be almost a week old when you read this. I hope you have them in the log!

More details can be found at www.dailydx.com or www.swodxa.org or www.aj8b.com

Let me know what you are hearing, working and what QSLs you have received! I am also looking for questions, issues, or topics of the week to be featured – aj8b@arrl.net

You've Got Cards – Waiting

Hey Gang, here's a new department for you to keep an eye on. Yes, it's about QSL Cards without owners. Why without owners? The card sorters have the cards waiting, but they don't have a way to get these cards to their owners.

Now, if your call sign is listed here, or you know how to contact any of the folks listed, please let them know that they have QSL cards waiting for them, and that they will need to contact the appropriate card sorter to find out how to get their cards sent to them. Don't send anything to them until you've had a chance to contact them first and find out just what you need to do.

Here's several folks from the letter "J" that have cards waiting...

W8JGU and W8JI

Don't know who to contact for your cards? Here's a link...

http://arrl-greatlakes.org/8th_bureau.htm Remember, it goes by your first letter of your suffix call sign.



The card sorters would also like me to remind everyone that this is the “Incoming” QSL Card Bureau. ALL “Outgoing” cards (cards that you send) go to the main card sorting area at ARRL Headquarters. Here’s a link for the details on how to do that... <http://www.arrl.org/outgoing-qsl-service>

Upcoming Hamfests

09/22/2018 | OH-KY-IN ARS Hamfest

Location: Cincinnati, OH

Sponsor: OH-KY-IN Amateur Radio Society

Website: <http://www.ohkyin.org>



09/23/2018 | Cleveland Hamfest and Computer Show

Location: Berea, OH

Sponsor: Hamfest Association of Cleveland

Website: <http://www.hac.org>

10/11-14/2018 | Microwave Update 2018 Convention

Location: Fairborn, OH

Sponsor: Midwest VHF/UHF Society

Website: <http://www.microwaveupdate.org>

10/13/2018 | Northwest Ohio ARC Hamfest

Location: Lima, OH

Sponsor: Northwest Ohio ARC

Website: <http://nwoarc.com>

10/28/2018 | Massillon Hamfest

Location: Massillon, OH

Sponsor: Massillon Amateur Radio Club

Website: <http://www.w8np.org>

11/03/2018 | GARC HAMFEST

Location: Georgetown, OH

Sponsor: Grant Amateur Radio Club

Website: <http://garcoho.net>

12/01/2018 | FCARC WinterFest

Location: Delta, OH

Sponsor: Fulton County Amateur Radio Club

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

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

Weather Underground and Ham Weather Stations

Have you visited the webpage to see all the Weather Underground stations yet? I’ve just added several more reporting stations to the listing. This is really great we are growing every week.! Here’s a link to it... <http://arrl-ohio.org/wus.html>



We’re starting to get a really good collection of stations all over. I know that there is a lot more than what we have listed. How’s about sharing your weather information with all of us! All that you need to do is send me your Weather Underground ID and your call sign and I’ll take it from there. Sent it to: n8sy@n8sy.com I think this will be a lot of fun for sure!

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I want to let you in on something brand spanking new to the National Weather Service. Here in Northern Ohio the NWS is introducing a “Spring” and “**Fall**” Skywarn training session. As proposed, it’s gonna’ be really useful, and from the information that I’ve gotten on this new fall class, it will also deal with some of our winter time issues in Northern Ohio. You know, Lake Effect snow and some other unusual occurrence that happen only in our area!

Now here is how the classes are proposed to be scheduled, keep in mind, just because it is being introduced in Northern Ohio doesn’t mean you folks from the southern end of the state can’t join in as well. You are invited too, it’s just gonna’ be a lot further drive home for you. I think this idea is great! You’ll now have the advantage to take both if you want.

This year Fall talks will be in the following counties:

- Wood
- Seneca
- Knox
- Cuyahoga
- Ashtabula
- Marion
- Ottawa
- Ashland
- Stark
- Mahoning
- Crawford, OH
- Huron
- Medina
- Geauga
- Erie, PA

The Spring 2019 talks will be held in the following counties:

- Lucas
- Sandusky
- Erie OH
- Lorain
- Portage
- Hancock
- Morrow
- Holmes
- Summit
- Trumbull
- Wyandot
- Richland
- Wayne
- Lake
- Crawford PA

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Christine Riley - Warning Coordination Meteorologist - National Weather Service - Cleveland, Ohio

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Final.. Final..



Hey Gang...

Like most weeks it’s once again been a busy one for me! I’ve had fun visiting with all of you at club meetings and various other functions as well as the Findlay Hamfest this past weekend. Did you get to operate the Ohio State Parks on The Air this past weekend? I’ve heard from quite a few that did. It was wet, but everyone that I talked to said that above all, it was FUN and they are already making plans for next year!

Now, on to some other items... It’s time for you to get registered in the new ARES Connect system, if you haven’t already. I did an audit the other day and found some errors that I would like to let you know about. First and most importantly, we want you to be honest when answering the questions about your training.

Please, don't just hurry through the questions, read them carefully and if you don't understand something, ask! I'm here to answer your questions.

We know that you mean well by answering that you have the needed courses in, but we are checking to make sure that you are in our statewide database when we are completing your registration. If you're not there, you won't get credit for the courses and you'll most likely get an email from your EC wanting to know where they are. You see, he needs them too. Now, this is actually a double-edged sword.

Some of you have taken these courses and just haven't gotten copies of your certificates to us or your EC to enter into our Statewide database. Shame on you! As you can now see, it's going to be extremely important for you to be in our database if you want any of your volunteer time to count! So, how can you find out if you are there? Easy, here's a link to our database, <http://arri-ohio.org/SEC/special/ICS%20Complete%20by%20County%20and%20Name.pdf> it's by county so you'll have to look there first, or you can simply do a "FIND" and use your call sign or name. Either way, if you are there, great, no problems, if you aren't, you need to get to work and get those all-important copies of those certificates to us.

On this same subject, some of you noticed that you can acquire your Level 3 by substituting your ICS 300/400 with the following NIMS courses. Completing the following "FREE" and "ONLINE" courses will act as a substitute for you FEMA Leadership Development Course requirements.

You absolutely will need to complete all 7 of these courses to get your ICS 300/400 credit. Here are the courses that you need to take: **IS-120, 230, 240, 241, 242, 244 & 288.**

Now, don't forget that your ICS certificates aren't the only things we're looking for either, Basic or Advanced First Aid, CPR or AED training and Damage Assessment is also very valuable in the field as well. And, don't forget about the newest training out there, "**Stop the Bleed...**" This one is really good, and it's something that you can use no matter where you are. 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! And YES, my accident last year happened within that 25-mile radius. You need to be prepared! Oh yes, keep those NIMS courses coming... Let's see if we can get to **750** persons with all 4 of their NIMS courses in!

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YL / XYL's - Who Has Been Licensed The Longest?

Hey YL's / XYL's All I've heard this week is CRICKETS from all of you!!! Aren't any of you just the least bit curious as to which one of you has been LICENSED the longest?

Now don't be shy about this ladies, I promise that I won't ask you your age, just how long have you been licensed. Send me the information n8sy@n8sy.com



I do want to give John Levo, W8KIW, from the Monday Morning Memo a great big thanks for coming up with this wonderful idea! Thanks, so much John.

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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 >> [HERE](#) <<

Don't have the latest FREE Adobe Acrobat Reader? Here's a link to Adobe's latest FREE version. → [Adobe Reader](#)



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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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!