

**Robert AK3Q**

Hamvention will be held May 19, 20 and 21, 2017 at the Greene County Fairgrounds and Expo Center.

Since 1952 Hamvention® has been sponsored by Dayton Amateur Radio Association (DARA). For many years it has been the world's largest amateur radio gathering, attracting hams from throughout the globe.

QRP ARCI Four Days in May the QRP Amateur Radio Club International (QRP ARCI) annual convention held in conjunction with Hamvention. A day of seminars, a Buildathon, a Vendors night, a QRP Club night, homebrew competitions, games, music, raffles, door prizes, QRP Hall of Fame induction, a Grand Banquet.

- **Jack Purdum** W8TEE "Giving Your Rig a Face Lift"
- **Mike Bryce** WB8VGE "Radio repair, tips, technics, and problems"
- **Howard Zehr** K4LXY  
"Here we go loopy loop - practical magnetic loop antennas for the frugal QRPer"
- **Eric Swartz** WA6HHQ Elecraft
- **Dave Cripe** NM0S "Building the Next Generation"
- **Joe Everhart** N2CX  
"A GPS-Disciplined Oscillator for the Modern Ham Station"

Mesh NetworksThe Miami Valley Mesh Alliance (MVMA) has joined with the Amateur Radio Emergency Data Network (AREDN) core technical team to provide a Mesh Network presence at Hamvention.

**Mesh Classes:** The AREDN Core Team will present mini-classes at the booth. Topics include:

- Introduction to Mesh Technology
- Mesh Implementation Techniques
- Network Planning and Link Performance Estimation
- VOIP Applications for Rapid Deployment
- Mesh Network Applications for EmComm
- Network Performance Metrics and Tools
- How to "Un-Brick" a Mesh Node
- WinLink integration with Mesh
- Live streaming video cameras
- Using MeshChat
- How to Setup Node Location Data
- See booth for class schedule details.

**Amateur Satellite Demonstrations: Friday, 9 a.m. – 6 p.m.; Saturday, 9 a.m. – 5 p.m.; Sunday, 9 a.m. – 1 p.m.**

- Amateur Satellite operation demonstrations will be held outside the main Maxim Hall (Building 1 or E1) entrance. AMSAT will be demonstrating actual contacts with the operational amateur satellites every day. We especially want to invite youth to make a contact via an amateur satellite. All are invited to observe, participate and ask questions. Satellite pass times will be posted at the AMSAT booth (1007-1010 & 1107-1110) and in the demo area.

**Technician Class Ham Radio License course** will be held onsite. Get your technician class license in a day with Mitch Stern.

Contest University will be held on Thursday May 18, 2017, from 7:00am to 5:00pm, at the Crowne Plaza Hotel in Dayton, Ohio. This is the day before the Dayton Hamvention officially opens. Don't miss this rare opportunity to gain knowledge that may take you years of practice, trial and error or lost time to learn otherwise.

- It's a Fun Game – Let's Operate The Right Way – W5ZN
- How to Improve your Transmitting Antennas for Low Solar Activity – W3LPL
- Introduction to Introduction to Contesting – NØAX
- CW and RTTY Skimmer and the Reverse Beacon Network – N6TV
- Optimizing 6 Meter Contest Scores Utilizing JT Digital Modes – W5ZN
- Easy to Build Low Band Receiving Antennas for Small and Large Lots – W3LPL
- A Deep Dive Into Stacking Yagis – W8WWV
- Grounding and Bonding for the Little Pistol and Medium Gun – NØAX
- RTTY Contesting, A to Z – WØYK
- How to Adapt your DX Contest Strategies for Low Solar Activity – W3LPL
- Little Pistols, Bigger Scores – K2YWE
- The Advantages of Waterfall Displays for Contesting and DXing – N6TV
- Advanced Topics in RTTY Contesting – WØYK
- Contesting is Amateur Radio's Shining Star – ALL – 10 minutes – K3LR
- The Wonderful World of Space Weather – Dr. Tamitha Skov
- Antennas and Propagation – W3LPL
- Contest Shack Design Ideas – NØAX
- Waterfalls, Recordings and Reverse Beacon Network – N6TV
- Antenna/Tower Reliability – W3YQ
- Small Stations With Big Ideas – K2YWE
- Receiving Antenna Ideas – W3LPL
- RTTY Contesting Discussion – WØYK
- Disruptive Technologies, How they Change our Hobby – NCØB
- **Free** license exams will be given across the street from Hamvention at Memorial United Presbyterian Church, 343 West Ankeney Mill Rd.
- Testing for all license classes will be available on Friday, May 19 and on Saturday, May 20. Hours for testing both days will be 10 a.m. until 3 p.m. There will be no testing on Sunday.

- Free shuttle vans are provided from the Hamvention site to the testing location and back. Shuttles will pick up and drop off at the main Hamvention gate.
- Exams will be given on a first-come, first-served basis. There is no pre-registration.
- Large print exams will be available at all test sessions as will assistance for those who may have special needs. All are encouraged to come and take a test since **there is no fee for these exams.**
- Each applicant must have the following:

1) An FCC Registration number (FRN). An FRN may be obtained by visiting the FCC at <https://apps.fcc.gov/coresWeb/publicHome.do>

From this page click on the REGISTER button and follow the instructions to apply for a FRN. You can also use this page to check and see if you already have a FRN. Be sure to copy down the FRN number you are issued and bring it with you to the testing location.

2) Their current license (original copy, Reference Copy or Official Copy, if applicable)

3) The original and a copy of any CSCE or other paperwork which will be submitted for credit.

4) Identification

- a government-issued photo ID (e.g. driver's license, passport, CAC),
- a non-government issued photo ID (e.g. student ID),
- a non-photo ID (e. g. birth certificate).

Applicants may wish to bring a basic calculator for use during the exam as we have a limited number of basic calculators to loan.

## 2017 Major Prizes

Prize#	Prize	Recipient	Call Sign	City	State
1	Tower TX-438				
2	FTDX 1200 w/FFT-1				
3	IC-7100 02				
4	IC-7200 02				

- 5 FT-450D
- 6 Roll COAX, Tools, Connectors
- 7 Gift Certificates
- 8 TH-D74AK
- 9 TH-D74AK
- 10 TH-D74AK
- 11 TH-D74AK
- 12 TH-D74AK
- 13 FTM-400XDR
- 14 FTM-400XDR
- 15 FTM-400XDR
- 16 DXE-TW-2010P 5 Band Antenna
- 17 ID-5100A DELUXE
- 18 ID-51A BLACK 2
- 19 ID-51A BLUE 2
- 20 ID-51A GRAY 2
- 21 ID-51A GREEN 2
- 22 ID-51A RED 2
- 23 BUTTERNUT HF9V Antenna

**Work the world from Hamvention as W8H & W8D at the Special Event Station !**

The station, located in Building #2 in spaces 2706 and 2707 will be operating during normal Hamvention hours.

Frequencies (+/- QRM) will be: 40M – 20M – 17M – 10M

CW will be tried on the hour as conditions permit. The station will have paddles for CW.

*To operate the station you must have a copy of your license available.*

PDF files for Friday, Sat, Sun Forums:

<http://hamvention.org/event-details/forums/>

Web Page for Vendors : <https://info.pcboard.ca/hamvention/hamvention2017-indoor/>