

# 46<sup>th</sup> SPOKANE HAMFEST



And

## ARRL

# WASHINGTON STATE CONVENTION

**April 26, 2025**

**Horizon Middle School**

**3915 S Pines Rd, Spokane Valley, WA 99216**

**Admission \$5 (age 18 & under – FREE)**

**East entrance to school building**



Sponsored by 6 Amateur Radio Clubs

Note: This is NOT a Central Valley School District sanctioned or sponsored event. Thanks to CVSD for allowing us to use this facility.

### SCHEDULE OF EVENTS & SEMINARS

April 25, 2025 FRIDAY

6:00 PM-7:30 PM

Vendor & display setup

April 26, 2025 SATURDAY

7:30 AM

Vendor & display setup

ACS: Auxiliary Communication System / AUXCOM

9:00 AM

Doors open to public

### Food & Refreshments

Confectioneries & refreshments are available at the snack bar during the morning; lunch may be purchased from Dave of Random Eat' outside the Hamfest main entrance starting about 11AM.

## 10:00AM

**ARRL Forum: Room #134**

**Mark Tharp KB7HDX, ARRL Director, NW Division**

**Fox Hunt for Kids age 14 & under: Commons area**

**Randy Wilkinson W4LKS**

Prizes for first to find. Bring your direction-finding stuff for 2m FM frequency

## 10:30 AM

**Parks on the Air (POTA) Room #175**

**Joe Halasey WH6FZY & Jim Johnson KM7H**

POTA is a global amateur radio program where operators activate portable stations in parks while other operators, "hunters", contact them. It combines outdoor adventure, portable operations, and conservation awareness. Participants log contacts online to earn awards, using lightweight field gear. This activity connects radio enthusiasts with nature and the ham community." Come join us to find out more, ask questions and or share your experiences.

## 11:00AM

**Community Emergency Communications, LDS ERC: Room #134**

**Dave Carleton K7DSR**



## 11:30AM

**DMR Basics and Use of PNW DMR: Room #175**

**Rod Ekholm KC7AAD**

## 12:00PM

**EWA ARES: Room #134**

**Frank Hutchison AG7QP, EWA SEC**

## 12:30PM

**Upgrading the BEARS Tiger Mountain Repeaters: Room #175**

**Don Sandstrom W7VXS**

Don will describe a major project of the Boeing Employees Amateur Radio Society (BEARS) to renovate, upgrade and expand its facility at West Tiger mountain. The site was degraded by the challenging environment at 2,752 feet elevation, 12 miles SE of Seattle. The project is replacing radios, duplexers, antenna feedlines and most antennas. New capabilities are being added including internet access via microwave links, allowing networking via AllStarLink and Echolink. Work started in 2023 accelerated in early 2024 with the receipt of grant funding. Now partially complete, the project is expected to be finished in 2025.



**Fox Hunt for Overgrown Kids: Commons Area**

**Randy Wilkinson W4LKS**

Prizes for first to find. Bring your direction-finding stuff for 2m FM frequency

## 1:00PM

**ARRL license testing: Community Room**

**Palouse Hills ARC**

**A Fun Way to Learn CW: Room #134**

**Duff Johnson WA7BFN**

With the resurgence of the "Original Digital", more and more hams are taking to the airways with morse code or CW. Join us for a look at one of the more successful programs to learn CW. With over 6000 members, LICW offers programs from rank beginner to advanced operators you'll find something of interest here



Your Presenter; Duff WA7BFN, Spokane Intermediate Instructor for LICW.



## 1:30PM

**Antennas: Room #175**

**Bob Zavrel W7SX**

Bob is a recognized authority who has authored many books and articles on the subject & is author of the ARRL: Antenna Physics, an Introduction. His presentation will be directed toward beginners in the hobby & will have a question & answer time.

**Raspberry Pi & Ham Radio: Room #134**

**Randy Wilkinson W4LKS**

## 2:30PM

**Open Cry “Junque” Auction  
Announcers’ Table, Commons Area**

**Auctioneer Jeff Banke NZ2S**

All sellers & buyers welcome; gear to be auctioned for benefit of the Spokane Hamfest; please visit the Announcers’ Table for more information prior to the auction.



## 3:30 PM

**Volunteer & door prize drawings  
Announcers’ Table, Commons Area**

### **Volunteer Drawing**

Spokane Hamfest volunteers who spend at least two hours of their time toward helping the event are eligible for a special prize drawing at 3:30PM & must be present to win.

### **Door Prize Raffle**

The admission tickets are drawn intermittently during the event to award various prizes. You must be present to win. The winning ticket numbers will be available at the Announcer's Table in the Commons Area for approximately two hours, or as time allows. Drawn tickets prior to the final drawings will be put back into the tumbler just before the final drawing.



## 4:00 PM

**Doors close**

## **4:00 PM – 5:00 PM**

The Hamfest is asking for volunteers to help clean up & remove tables, and assist vendors in moving out.

The Spokane Hamfest & participating clubs are not responsible for lost, damaged or stolen merchandise. All sales are strictly between the buyer & seller.

## **THE SPOKANE HAMFEST WISHES TO THANK THE FOLLOWING CONTRIBUTORS FOR THEIR GENEROUS SUPPORT**

**The American Radio Relay League  
N3FJP Amateur Radio Software  
RT Systems  
Washington Digital Radio Enthusiasts  
DX Engineering  
Jack Tiley AD7FO  
Easy Way Amateur Radio  
GigaParts  
BaoFeng  
2nd Look Books, LLC**

**A big thanks go to the Spokane Hamfest Committee & all the volunteers who help make this event possible.**



## THE SPOKANE HAMFEST 2025 IS HOSTED BY THE FOLLOWING ORGANIZATIONS

**The American Radio Relay League, W1AW** was founded in 1914. It is the national association for Amateur Radio in the USA. Today, with more than 156,000 members, ARRL is the largest organization of Radio Amateurs in the United States. The ARRL Board of Directors has adopted the following statement of the core purpose of the ARRL: to promote & advance the art, science & enjoyment of Amateur Radio. ARRL not only reflects the commitment & enthusiasm of American Hams, but also provides leadership as the voice of Amateur Radio in the USA, whether in dealings with the Federal Communications Commission, the World Radio Communication Conference, the International Amateur Radio Union, or with the general public. The ARRL is the primary source of information about what is going on in the Ham Radio world. It provides books, news, support & information for individuals & clubs, special operating events, all sorts of continuing education classes & other benefits for its members. Being a member of the ARRL is important for Hams! The ARRL is devoted entirely to Amateur Radio. For more information, please visit [www.arrl.org](http://www.arrl.org).

**Inland Empire VHF Radio Amateurs, WR7VHF** promotes HF, VHF & UHF Amateur Radio communications in the 21st century. It provides local repeaters on Krell Hill, in downtown Spokane, in the Spokane Valley & on Mt. Spokane with a Yaesu Digital/Analog Repeater. Activities for club members & visitors are held throughout the year. A weekly net is conducted Wednesday evenings at 7:30 p.m., on the 146.880 MHz repeater, PL 123.0 Hz. Informative monthly club meetings are held the 2nd Thursday of the month, at 6:30PM these are on Zoom and on occasions in person. For more information write to Inland Empire VHF Radio Amateurs, 11616 N. Market, P.O. Box 1741, Mead WA 99223, or contact [president@vhfclub.org](mailto:president@vhfclub.org) or visit their web site at <http://www.vhfclub.org>

### **Kamiak Butte Amateur Repeater Association, KB7ARA**

KBARA is a support group for several club and privately owned linked Amateur Radio repeaters. The system covers an area from NE Washington to NE Oregon, and from western Montana to central Washington. The primary purpose of the KBARA repeaters is to provide a means for emergency communications within the above areas, and secondarily for routine radio traffic. It makes possible a single system of mobile communications coverage, extending the limited range provided by any single repeater operation. The KBARA FM repeaters operate in the VHF bands and are linked by UHF radios, IRLP, EchoLink KB7ARA-R, and AllStar node 53587. For more information, please visit [www.kbara.org](http://www.kbara.org)

**Northwest Tri-State ARO, WA7HWD** was started in 1972 with the goal of linking the Palouse Empire with the Inland Empire using a VHF repeater. For more information please contact Tom Storer KI6DER at [ki6der@prodigy.net](mailto:ki6der@prodigy.net)

**Palouse Hills Amateur Radio Club** includes members from the Pullman, WA & Moscow, ID areas. New members & visitors are always welcome. For more information, please visit [qsl.net/kd7ph](http://qsl.net/kd7ph) & visit us on Facebook.

**Spokane DX Association, SDXA/K7SDX**, was formed in early 2002. Today, the club is 76 members strong, & has monthly meetings which include presentations on all aspects of DXing, contesting & HF operation by regional experts & guest visitors via live, zoom, DVD & PowerPoint presentations. Recent subjects have included topics such as DXing techniques, DXpeditions, HF contesting, logging, creating better antenna systems, 160 meters, HF operations, mobile HF, Ham software, tower installation, POTA, and much more. Visitors are always welcome. Contact information can be obtained on their web page: [www.sdxa.org](http://www.sdxa.org) or by sending requests to their K7SDX address found on their website. The Spokane DX Association has hosted very successful 2009, 2013, 2017 and 2022 Pacific NW DX conventions. This convention is in a rotation with the Orca DXC Club (BC), Western Washington DX club & Willamette Valley DX Club.

### **Washington Digital Radio Enthusiasts, WA7DRE**

The Washington Digital Radio Enthusiasts is a Spokane based amateur radio club based in Spokane that loves digital voice comms, especially using D-STAR. They operate multiple Internet connected digital radio repeaters in and around Spokane. They also operate APRS digipeaters and i-gates to provide infrastructure for APRS users in the Spokane area. They conduct a daily net at 0700 every day of the week on D-STAR reflector REF035C. Come join them, everyone is invited. For more information please visit <http://www.wa7dre.org>.