

SPOKANE HAMFEST

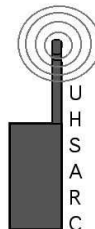


ARRL Washington State Convention

September 24, 2011

University High School

12420 E 32nd Ave, Spokane Valley, WA 99216



Sponsored by 8 Amateur Radio Clubs

Please note: you must be present at the Spokane Hamfest to win a door prize. No proxies, please.

Schedule of Events & Seminars

SEPTEMBER 23, 2011, FRIDAY

7:00PM-9:00PM

Vendor & display setup

SEPTEMBER 24, 2011, SATURDAY

8:00AM

Vendor & display setup

9:00AM

Doors open to public

SEMINAR ROOM LOCATIONS

All seminar rooms designated with "E" are located on the 2nd floor above the Commons area. Stairs are located in the NE & NW corners of the Commons area. The license testing classroom, C114, is on the east side of the school, with the entrance to that area facing the east parking lot. An elevator is available for use; please ask at the Announcers' Table for location.

9:30AM

Room E203

"Introducing a New Compact Wideband Directional Receiving Antenna for HF"

Mark Bauman, KB7GF

Interference, both local & distant, continue to be a challenge on the HF bands. In this seminar, I will introduce the "Shared Apex Loop", a new type of compact receiving antenna. The antenna is a true-time-delay array that utilizes a pair of symmetrical right-triangle-shaped loops that are separated by only a few inches. The antenna provides good front-to-side & front-to-back rejection & wideband operation without adjustment. I'll describe the theory & construction of the antenna, & will show this summer's testing results using a 10 foot tall x 10 foot radius array on frequencies ranging from 500 KHz to 22 MHz. See "widebandloop.com" for more information.

10:00AM

Room E205

ARRL Forum

Grant Hopper, KB7WSD, Vice Director, ARRL
Northwestern Division

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10:30AM

Room E203

“Zimbabwe Dx’ing”

Bob Meenach, Z2/AC7GP

11:00AM

Room C114

ARRL Volunteer Examiner License Testing Session

Please bring a photo ID, radio license, if any, plus a photocopy, & any outstanding Certificates of Completion, plus a photocopy, & TIN or FRN number. The cost is \$15. For more information, please contact Mary Qualtieri, AA7RT, at the Hamfest. It is not necessary to attend the Spokane Hamfest in order to attend the license testing session.

11:30AM

Room E205

“How to Escape from the Two Meter Trap”

Wilse Morgan, WX7P

12:30PM

Room E203

“Morse Code”

John Dempster, W7OE

History, how the brain processes Morse Code, ship to shore, techniques for learning, demonstration plus prize

1:00PM

Room E205

“Many Facets of Ham Radio in Washington”

Jim Pace, K7CEX, ARRL WA State RACES Officer, ARRL Western Washington Section Manager

2:00PM

Room E203

“BelchFire, a Six Meter Loop Fed Array Yagi”

Lynn Miner, N2HS, Wayne Millican, WA1PMA, Jay Townsend, WS7I

3:00PM

Announcers’ Table, Commons Area

Open Cry “Junque” Auction

Wilse Morgan, WX7P, Gimmie Morgan, AL7LB, Steve Krause, KG5AO, Mark Van Winkle, K7HPT. All sellers & buyers welcome; commission 20% of final sales price; donated gear gladly accepted to be auctioned for benefit of the

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Spokane Hamfest; please visit the Announcers' Table for more information prior to the auction.

4:20PM

Announcers' Table, Commons Area Volunteer Prize Drawings

Spokane Hamfest volunteers who spend at least two hours of their time toward helping the event are eligible for special prize drawings, & must be present to win.

4:30PM

Announcer's Table, Commons Area Raffle Prize Drawings

RAFFLE & DOOR PRIZE DRAWINGS

Name & phone number, or call sign must be on the front of each ticket to be valid. Any tickets drawn without this information may be discarded at the discretion of the Spokane Hamfest Committee.

Grand Prize Raffle: the tickets are \$1 each. The first prize is an ICOM IC-7000 HF/VHF/UHF transceiver; 2nd Prize: Kenwood TM-V71A dual band 144/430 FM transceiver; 3rd Prize: Yaesu FT1900R mobile 2 meter FM transceiver. You need not be present to win. The winner is responsible for all delivery charges.

Door Prize Raffle: the admission tickets are drawn intermittently during the event to award various prizes. The main door prizes are a Yaesu FT-270R 5 WT 2 meter handheld transceiver, a Pulse Larsen gift certificate for complete mobile antenna of choice, & a SignalLink USB TNC. You must be present to win; proxies are not accepted. 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.

5:00PM

Doors close

All are invited to a no-host dinner following the Hamfest at Timber Creek Grill Buffet, 9211 E Montgomery Dr., Spokane Valley.

THE FOLLOWING ARE AVAILABLE ALL DAY SATURDAY IN THE COMMONS AREA

American Radio Relay League

Grant Hopper, KB7WSD, Vice Director, ARRL Northwestern Division; Mark Tharp, KB7HDX, Eastern Washington Section Manager; Jim Pace, K7CEX, ARRL WA State RACES Officer, ARRL Western Washington Section Manager; Gordon Grove, WA7LNC, Eastern WA ARES SEC

ARRL Card Checking

Jay Townsend, WS7I, will be located at the Spokane DX Association table for card drop-off & pickup. He will be conducting card checking. This will be for DXCC, WAS, VUCC, WAC & IARU Region 2 Awards, & for CQ Magazine the WAZ award. For ARRL he cannot check deleted countries nor 160 meter contacts. See www.arrl.org/dxcc-awards-fees

Forms at: www.arrl.org/dxcc-forms

Details at: www.ewarg.org

Note: VUCC has had many changes. See the PDF on the ARRL web site for rules & fee changes: www.arrl.org/vucc. Payment by credit card is the best method as fees vary greatly. There may well be convention card checking fees collected. If you have LOTW cards & have used your CC then you only need to indicate that a CC is on file. You will not need envelopes with postage for ARRL cards. For CQ, an envelope is required.

Spokane National Weather Service

RTTY Demo

Spokane DX Association Table

An operating HF station will be set up to demonstrate high frequency radio teletype operation. Also, the weekend of the Hamfest is the CQ WW RTTY contest & there will be stations all over the world working this contest. The plan is to actually be in the contest. Along with RTTY, the HF station is also setup to show CW & SSB setup for contesting, along with SSTV for fun, if time permits.

PSK Demo

Lilac City ARC Table

Satellite Display

Kamiak Butte Amateur Repeater Assn. Table

Test Bench & Answer Table

Jack Tiley, AD7FO, ARRL Technical Specialist/Coordinator; equipment is available to test HF & VHF radios, & anything being considered for purchase; also technical questions can be answered.

WinLink Demo

Inland Empire VHF Radio Amateurs Table

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Kamiak Butte Amateur Repeater Association

Lilac City Amateur Radio Club & Lilac City 10-10 International

NW Tri-States ARO

Palouse Hills Amateur Radio Club

Rescue Tape NW

Spokane County ARES/RACES

Spokane DX Association

Food & Refreshments

Confectioneries & refreshments are available during the day, & lunch may be purchased from Pizza Rita outside the Hamfest main entrance.

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

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

Gerald Harnois, WB7NUE
Pulse Larsen, A Technitrol Company
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N3FJP's Amateur Radio Software
Heart Arrow Veterinary Service, LLC

The American Radio Relay League
Frankie Doodle's
Denny's Restaurant
Starbucks Coffee
Inland Empire VHF Radio Amateurs

Thanks to the Spokane Hamfest Committee who help make this event possible every year.

Don, WA7BAA
Dave, K7DWB
Michael, KD7GHZ
Bob, AC7GP
Mark, K7HPT

John, W7OE
Ann, WA7ROS
Jim, WA7RVV
Betsy, N7WRQ
Jay, WA0WWW

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SPOKANE HAMFEST 2011 IS HOSTED BY THE FOLLOWING CLUBS:

American Radio Relay League 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 Radiocommunication 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.

Kamiak Butte Amateur Repeater Association, KB7ARA, is a support group for several privately owned linked Amateur Radio repeaters. It covers an area from NE Washington to NE Oregon, & from western Montana to central Washington. The KBARA system is also part of the Evergreen Intertie, an interconnected group of repeaters located in western Washington, Oregon, & Northern California. The repeaters' frequencies & locations are as follows: 147.380 Mhz on Mica Peak near Spokane, WA; 147.360 MHz & 223.90 MHz on Stensgar Mt. near Chewelah, WA; 147.280 MHz on Pikes Peak in the Blue Mountains near Walla Walla, WA; 147.020 MHz on Lookout Pass on the Idaho-Montana border; 146.740 MHz & 53.750 MHz on Kamiak Butte near Pullman, WA; & Internet Radio Linking Project (IRLP) Node #3957 in Spokane, WA. Please visit these websites for more info: www.kbara.org &

<http://groups.yahoo.com/group/evergreenintertie>. To support KBARA, please send your contributions to KBARA, P.O. Box 30801, Spokane, WA 99223-3013.

Inland Empire VHF Radio Amateurs, WR7VHF, promotes VHF Amateur Radio communications in the 21st century. It provides local repeaters on Chewelah Peak, Krell Hill, in downtown Spokane, & Spokane Valley. Activities for club members are held throughout the year, including a picnic & Christmas party. A weekly net is conducted Wednesday evenings at 7:30 p.m., on the 146.880 repeater, PL 123.0 Hz. Monthly club meetings are held the 2nd Thursday of the month, 6:30PM, except July & August, at Spokane Community College, building 1 (Old Main). Meeting rooms vary in location, so look for the "VHF Club" signs. Starting in October, the VHF Club will meet at The Lair at SCC. This will make parking easier for all & better facilities. For more information write to Inland Empire Radio Amateurs, P.O. Box 2552, Spokane, WA 99220, or kd7ghz@arrl.net or visit <http://www.vhfclub.org>

Northwest Tri-State ARO was started in 1972 with the goal of linking the Palouse Empire with the Inland Empire using a VHF repeater. Present members who were at those first organizational meetings are Phil, W7HTL, Ken, W7NGI, Ann, WA7ROS & Jim, WA7RVV. The club currently owns & maintains two repeaters, 146.22/82 on Moscow Mountain near Moscow, ID & 147.84/24 on Mica Peak near Spokane, WA. All Amateurs are encouraged to participate in the 8 PM check-in each Wednesday evening. The club address is POB 13133, Spokane Valley, WA 99213-3133.

Spokane DX Association, K7SDX, was formed in early 2002. Today, the club is 49 members strong, & has monthly meetings which include presentations on all aspects of DXing, contesting & HF operation by our local experts &

guest visitors via CD, DVD & PowerPoint presentations. Recent subjects have included topics such as DXpeditions, HF contesting, creating better antenna systems, 160 meters, HF & VHF/UHF DXing techniques, ham software, tower installation. Visitors are always welcome. Contact information can be obtained on our web page: <http://www.sdxa.org> or by sending requests to our K7SDX address found at Spokane DX Association, PO Box 28882, Spokane WA 99228. The Spokane DX Association will be hosting the 2013 Pacific NW DX convention. This convention is in rotation with the Orca DX Club, British Columbia DX Club, Western Washington DX club & the Willamette Valley DX Club.

Lilac City ARC, N7LC, is an HF/VHF/UHF organization that dabbles in SSB, PSK31, RTTY, & some contestinga very informal club with easy-going members who promote Amateur Radio in our local community. The club supports & participates in three major amateur radio functions each year: the ARRL June Field Day, the Spokane Hamfest in September & the Boy Scouts Jamboree on the Air (JOTA) in October. Meetings are held the fourth Thursday of every month at 7 pm in the Spokane County Library located at Argonne & Upriver Drive. THERE ARE NO ANNUAL MEMBERSHIP DUES. The club is also the home of the Lilac City Chapter of 10-10 International. Everyone is invited to come join in our activities. Contact Bob at 509-327-3188 (h) or 509-953-8933 (c) or AC7GP@hotmail.com for more info.

Palouse Hills Amateur Radio Club

includes members from the Pullman , WA & Moscow , ID areas. The group meets at 7:00 pm. on the fourth Wednesday of the month at the American Legion Cabin in Moscow. "Hams for Lunch" meets informally at noon of the second Monday of the month at the Smokey Mountain Pizza in the Palouse Mall Moscow, ID. And there's a 2m simplex net at 8:00 pm. on Thursday evenings on 146.55 MHz. License testing is held the third Saturday of Month. New members & visitors are always welcome. For more info, please visit <http://www.palousehills-arc.org>

Panoramaland Amateur Radio Club

Specialties: General Interest, Contest, DX, Repeater, Digital Modes, Public Service/Emergency Comms, VHF/UHF
Call sign: K7JAR

Services: Help for newcomers, Entry-level classes, Higher-level classes

Address: PARC, P.O.Box 7, Colville, WA 99114-0007

Contact: Randy A. Jones, N7CKJ Phone: (509) 684-7474 (D) (509) 684-3361 (N)

Web: <http://www.qsl.net/k7jar>, E-mail: rjones@theofficenet.com

University High School ARC has been in existence for 20 years & supports students who want to become involved with Amateur Radio by helping them get their license, upgrade, build radio projects, & generally enjoy the hobby. The club has station W7UHS at the school & can operate on 440 MHz, 2, 6, 10, 15, 20, 40 & 80 meters.

**Congratulations
Spokane Hamfest 2011!**

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