

46th Spokane Hamfest & ARRL WA State Convention

The 46th Spokane Hamfest & ARRL WA State Convention has come & gone. Hosted by six clubs at Horizon Middle School in the Spokane Valley, it was attended by some 454, had 80 swap/commercial/info tables, 10 seminars, license testing, door prizes, food, & most importantly camaraderie. Many thanks go to the Spokane Hamfest committee, to the many volunteers, and to Horizon Middle School & ARRL for helping make this event happen.









Technical Update

By Jim N7WRR

The KBARA system is working fairly well at this time but work remains to be done. The 147.38 still has a long tail caused by traffic coming in from the hub at Stensgar and the West Twin repeater is currently down.

The BEARS repeater 145.33 on Tiger Mountain that covers the Puget Sound area is up and going and linked into the KBARA system full time via AllStar. So we once again have cross state coverage. Thanks to Don W7VXS, Dan AA7JP and the other members of BEARS for all the work on the Tiger Mountain repeater and linking us in!

Lookout Pass, MT 147.02 repeater. Is still working fine after I replaced the Kenwood TKR-750 repeater with the Icom FR-5000 repeater. The link interference is almost non-existent now and preforming well.

Pikes Peak, OR 147.28 repeater. The Pikes Peak 147.28 repeater has been working fine since the work Betsy N7WRQ and I did last December.

Mica Peak 147.38 repeater. Mica Peak repeater and link was working well after Keira KI7GUB and I installed the ice shield above the link antenna in December. However the link to the hub went down in March. Mike KJ7ZXF and I went to Mica site March 17th and found another tenant's debris had fallen on the feed line to the link antenna. putting a sharp bend in the coax and stressing the antenna which was pointing downward. We found a 3:1 SWR from the damaged feed line and antenna. We loosened the feed line as much as we could and pointed the antenna back, and I increased power on the link radio from 5 to 15 watts to keep the link working until I could return with new feed line. Jim W7JJR and I returned to site on May 5th and installed 75' of new feed line. We found the N socket on the antenna was damaged some, but were able to get it to work. With the new feed line the SWR is now back down to 1:1 from 3:1. The link radio wasn't transmitting so replaced it and set it at 5 watts and installed a new shielded controller cable. All seemed to be working when we left site, however it turned out that 147.38 was getting out through IRLP,



but 147.38 and 147.36 were not talking with each other. I returned to site on May 7th and found a programing error with the link radio. All is working well now. A big thanks to Mike KJ7ZXF and Jim W7JJR for the help at Mica Peak. Photo is of repaired link antenna and ice shield on pole above Jim W7JJR.

Stensgar 147.36 repeater. The repeater still drops out or stops transmitting on occasion when someone is transmitting directly into it. It is not a time-out; the repeater just stops transmitting, but it is still receiving and passing audio through the hub. Once the transmitting station unkeys for 2 or 3 seconds, the repeater resets and will transmit again. I have a different isolator I will try to install this summer and see if that will fix it.



Technical Update continued...

By Jim N7WRR

West Twin 147.32 repeater. The repeater has been down for much of the Spring. Snow is now clearing from the site and we are getting equipment together for a trip to West Twin. Scott KA7FVV is in contact with the site owners and making arrangements for a trip to site. I have a replacement repeater for him and Glen K1RR has made up a new Raspberry Pi based IRLP interface. Hopefully this will be enough to fix the issues at site and get it back on the air again.

Remember to check into the weekly KBARA Wednesday evening nets at 7pm for more information on the status of the system and with any questions you may have regarding the system or questions in general regarding amateur radio. We will try to get you answers.

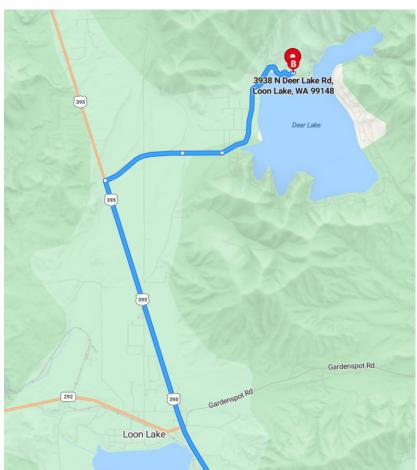
KBARA's 47th Annual Membership Meeting

Meeting will be held Sunday, August 17, 2025 at 1:00 PM, followed by a potluck lunch. The location is Deer Lake, WA this year at 3938 N. Deer Lake Rd, 3 miles north of Loon Lake.

Please bring your favorite beverage & potluck goodie to go with smoked ribs, hosted by Jim & Betsy N7WRR & N7WRQ.

Too, any KBARA member willing to offer their time in serving as a club officer, please contact the current officers.





KBARA REPEATER FUND CONTRIBUTIONS 2025

We wish to thank the following contributors for their very generous donations to this year's Repeater Fund. For the year 2025 to date, \$845 has been donated.

Platinum Contribution Contributions \$100 and over

Allan, KE7SH Jack Hills in memory of Cyril, WA7LOV

Gold Contribution Contributions from \$50-\$99

Jim, KK7VXV Shane, KK7SJM Jim, K7PDZ Joe, WH6FZY Jim, K7LFN Maureen, N7ZCC

Richard, KJ7LVD Brenda, KJ7LVA

Silver Contribution Contributions from \$21-\$49

Jared, KK7CUR Murray, KG7OWY Valaire, KG7OWX Gary, KE7IAT

Bronze Contribution Contributions from \$1-\$20

Keira, KE7GUB Thea, KF7FRZ Patrick, KK6PM Michael, KK7SSW Reilly, KF7PQK Cameron, KK7DTA Paul, KK7NNP Ron, N7AWD

KBARA Members for 2025

Call	Name	Call	Name	Call	Name
	Jack Hills	N7PTX	Jim Oleson		
D7AAT	John P. Myers Jr.	KD7QLT	Wilber H. Earl		
B7AUK	Art Gemmrig	AG7QP	Frank E Hutchison		
7AWD	Ronald K Hess	KK7RGC	Terrili Martz		
A7BMX	Charles George	KJ7RHU	Bruce Hogan		
A7CBX	Bernie Frazier	K1RR	Glen Ahlbom		
F7CN	Kevin Imel	AI7RS	Kristen Snyder		
7CRD	Kaleb Allen	NZ2S	Jeffrey Banke		
K7CUR	Jared Stolz	KK7SAB	Edward Parry		
K7DTA	Cameron Wadsworth	KG7SD	Richard Thorton		
7DUG	Douglas Smith	KE7SH	Allan A Bonney		
X7DX	Karl M. Miller	KK7SJM	Shane Moscatelli		
K7EW	James Gladden	KK7SSW	Michael Stussy		
9FOX	Barbara J. Moore	KC7TTM	Cleo C. Miller		
F7FRZ	Thea Earhart	KK7VXV	James E Jr Reedy		
A7FVV	Scott P. Harvey	WOWBT	BIII Townsend		
H6FZY	Joseph Halasey	N7WRQ	Elizabeth Ashleman		
2GEP	Gregory Preuss	N7WRR	James Ashleman		
B7GJY	Allen Gemmfg	W7WTO	Royal Moore		
E7GUB	Kelra Earhart	AD7XH	Richard L Schultz		
м7Н	Jim Johnson	KK7YFH	Geoffrey Carson		
K9HAM	Albin Ennsthaler	KB7YGR	Teresa (Terry) George		
7HDZ	Michael Duniap	KK7YWW	Joshua Elllott		
7HEA	W Cameron Duniap	N7ZCC	Maureen Palmer		
E7IAT	Gary Roth				
7JJR	James Rowe				
7JRP	Jay Punches				
A7JTZ	Jean Agte				
5JXN	George H. Timm				
KF KJ7	Michael Klungland				
7LFN	Jim Palmer				
7LKR	Patrick Brandt				
J7LVA	Brenda Davis				
J7LVD	Richard Harmon				
L7M	David Cloyd				
7MM	Dan Ransom				
7MN	William Jeremie Duniap				
1NG	Michael Maxson				
K7NNP	Paul Morgan				
K2O	Karl Shoemaker				
70E	John P. Dempster				
G7OWX	Valaire Poler				
G7OWY	Murray Poler				
A7P	Richard J. Hebel				
7PDZ	James Long				
7PHM	Richard M Flynn				
КБРМ	Patrick Mullan				
F7PQK	Rellly Earhart				





June 28-29, 2025

QST QST QST

Field Day is coming!

When: Saturday June 28 - Sunday 29

Where: Valleyford Community Park, 11418 E Palouse Highway, Valleyford, WA

Field Day is the single most popular on-the-air event held annually in the U.S. and Canada. More than 40,000 hams will be setting up temporary stations.

KBARA Field Day will be a casual, social event rather than being contest oriented. It will be a time to gather with people you may only know from on-air visits. We will operate 3 or 4 stations at any given time and you are encouraged to bring your own equipment if you want to test it out in an off-grid situation. All stations will be battery or generator powered.

On-air operations will start at 11:00 am local time (1800 UTC) and run for 24 hours. We will start setting up stations as early as anyone wants to get there – probably 8 or 9 am.

On Saturday there will be a potluck mid-day meal. Betsy, N7WRQ, will be organizing that. She and Jim will provide German sausages/buns/condiments. Everyone else please bring salads, hot dishes, etc. to round out the meal. The coffee pot will always be on. We do have electricity at the covered pavilion.

If you plan to stay into the night or all night bring whatever other nourishment you may want. Jim, KM7H plans to prepare a breakfast on Sunday for the hardy souls who are there overnight.

Tim, N6JXN, will be point man for radios and antennas. If you plan to bring equipment please let him know. During the event we can change out the equipment at various stations so you have a chance to test out your own setup. Jim, N7WRR, and Jim, KM7H will bring generators/inverters. Others are welcome to bring yours. To be in accord with the rules batteries cannot be recharged on the electrical grid so we can do that via solar or generator.

We will need some tables, chairs, canopies, etc for the operating stations. Contact Jim, KM7H, if you want to help with that.

Jim, W7JJR, is going to do some social media promotion for us but if you know any ham wannabes encourage them to come on out.

Stay tuned in to the nets to hear other details as thing develop.



International Space Station SSTV

By Scott, KA7FVV

ISS has been very busy this last couple months with SSTV Events. After a long pause of no activity due to new computers and interfacing issues they are now doing events about every month.































The Northwest's Largest Ham Convention Host of the ARRL Northwestern Division Conference

"Be Radio-Active"

May 30 — June 1, 2025

Seaside Convention Center 415 First Avenue, Seaside, Oregon

FRIDAY

Our 43rd

Workshops (Pre-register online)

SATURDAY & SUNDAY

Exhibitors

Flea Market Seminars

Prizes

7th Area QSL Bureau Card Checking

Souvenir Pin

SATURDAY ONLY

VE Testing

ARRL Forum

DX & YL Luncheons

World Class SEA-PAC Banquet

Banquet Keynote Speaker Gordon West, WB6NOA

For more information — visit www.seapac.org Registration opens March 1, 2025

Become a part of the SEA-PAC experience. We are looking for volunteers for Friday, Saturday and Sunday.

Email volunteers@seapac.org to help

Phone: 503-882-7388

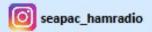
Website: www.seapac.org Email: info@seapac.org

Mail: SEA-PAC Ham Convention

PO Box 5471

Beaverton, OR 97006-0471







INLAND EMPIRE VHF RADIO

THE PARTY OF THE P

AMATEURS

SECOND ANNUAL SWAP MEET SATURDAY, JUNE 14th, 2025

STARTS AT 7 AM

THERE IS A \$5 FEE TO SELLERS.

BUYERS ARE FREE.

TALK IN FREQUENCIES: 146.540

IEVHFRA REPEATER 146.880

PLANTE'S FERRY SPORTS COM-PLEX SOUTH PARKING AREA 12320 E UPRIVER DRIVE – SPOKANE, WA BACK PARKING LOT



LOTS OF VENDORS &

SPOKANE ARES - ACS WITH THEIR EMERGENCY COMMUNICATION TRAILER. SPOKANE DX ASSOCIATION PROVIDING INFO ON CONTESTING. S.C.O.P.E. ERC INFORMATION TABLE

IEVHFRA WILL BE DEMONSTRATING POTA/SOTA ACTIVITIES, WE WILL HAVE TWO STATIONS SET UP FOR FOLKS TO SEE WHAT IS INVOLVED. THERE WILL ALSO BE DEMONSTRATIONS OF 3D PRINTING, POWER BOXES AND A RADIO TEST STATION.

FOR MORE INFORMATION CALL THESE MEMBERS

MATT, (KI7NOO), 509-280-0202, JEFF, (NZ2S) 510-501-4502, or Greg (K2GEP), 509-466-4877, or Duane (KE7NUB) 509-435-7718



CVARS

Chehalis Valley Amateur Radio Society



27th ANNUAL

HAM RADIO

TAILGATE SWAP MEET

AND CONSIGNMENT AUCTION

Saturday, July 26, 2025 9:00am to 12:00pm

Southwest Washington Fairgrounds, Chehalis, WA



Radio Gear * Computers * Electronics Door Prizes * Raffle





CONSIGNMENT AUCTION

The consignment Auction starts at 11:30 am

Equipment consignments accepted until 11:00 am CVARS retains 10% of the sales price.



HTTPS://CVARS.ORG

Driving Directions:

- Take I-5 exit 79, NW Chamber of Commerce Way
- Follow the signs to the Fairgrounds.

Lost?

Talk-in on Baw Faw Repeater 147.060 + (PL 110.9) or Simplex 146.520

General Admission:

 \$5.00 per person- park in the lot and follow the signs to the swap meet.

Vendors:

- \$15.00 per car + \$5.00 per helper
- Set up Saturday 8:00 am
- Spaces are under cover, bring your own table
- For more info, contact Grant at (360) 614-SWAP or swapmeet@cvars.org, or check at https://CVARS.org



Kamiak Butte Amateur Repeater Association KB7ARA PO Box 30801 Spokane WA 99223-3013



President Vice President Secretary Treasurer	N7WRR KA7FVV K1RR KM7H KK7SAB N6JXN N7WRQ KB7ARA K1RR KA7FVV	DIRECTORS Jim Ashleman Scott Harvey Glen Ahlborn OFFICERS Jim Johnson Ed Parry George Timm Betsy Ashleman OWNERS KBARA Glen Ahlborn Scott Harvey	509-448-5821 509-939-9393 509-216-0666 509-936-7081 509-954-7623 509-532-8063 509-448-5821 509-216-0666 509-939-9393	jcageo@aol.com ka7fvv@yahoo.com glen@k1rr.com johnsonje@pm.me edparryjr@gmail.com mr.timm@att.net n7wrq@aol.com contact@kbara.org glen@k1rr.com ka7fvv@yahoo.com		
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	N1NG	Mike Maxson		mmaxson@maxsonlab.com		
	APPOINTED OFFICIALS					
Control Operators	N7WRQ WA7VFQ	Betsy Ashleman Jim Fielder	509-448-5821	n7wrq@aol.com jimfielder@comcast.net		
Registered Agent						
State of Washington Call Sign Trustee	N7WRQ N7WRQ	Betsy Ashleman Betsy Ashleman	509-448-5821 509-448-5821	n7wrq@aol.com n7wrq@aol.co		
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KBARA REPEATERS and LINKS

147.380 MHz (tone 100 Hz) N7WRQ on Mica Peak near Spokane, WA, owned by Betsy N7WRQ & Jim N7WRR 147.360 MHz N7WRR on Stensgar (Stranger) Mt. near Chewelah, WA, owned by Jim N7WRR & Betsy N7WRQ 147.32 Mhz (tone 103.5 Hz) KA7FVV on West Twin near Moscow, ID, owned by Scott KA7FVV & KBARA 147.280 MHz KB7ARA on Pikes Peak in the Blue Mountains near Walla Walla, WA, owned by KBARA 147.020 MHz KB7ARA on Lookout Pass on the Idaho-Montana border, owned by KBARA 223.900 MHz KB7ARA hub repeater on Stensgar (Stranger) Mt. near Chewelah, WA, owned by KBARA 444.350 MHZ (tone 192.8 Hz) N1NG repeater on Mica Peak near Spokane WA, owned by Mike N1NG IRLP Node #3638 K1RR in Spokane WA owned by Glen, K1RR EchoLink KB7ARA-R 947272; AllStar 89075

KBARA NETS (Pacific Time)

Every day 7:00AM 7AM NW Regional International Net Wednesday 7:00PM KBARA Wednesday Evening Club Net



Kamiak Butte Amateur Repeater Association KB7ARA PO Box 30801 Spokane WA 99223-3013



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 KBARA system is also part of the Evergreen Intertie, an interconnected group of repeaters located in western Washington and Oregon. 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. The repeaters' frequencies, call signs and locations are as follows:

147.380 MHz N7WRQ on Mica Peak near Spokane, WA, owned by Betsy N7WRQ & Jim N7WRR 147.360 MHz N7WRR on Stensgar (Stranger) Mt. near Chewelah, WA, owned by Jim N7WRR & Betsy N7WRQ 147.320 MHz (103.5 Hz tone) KA7FVV on West Twin near Moscow ID, owned by Scott KA7FVV & KBARA 147.280 MHz KB7ARA on Pikes Peak in the Blue Mountains near Walla Walla, WA, owned by KBARA 147.020 MHz KB7ARA on Lookout Pass on the Idaho-Montana border, owned by KBARA 223.900 MHz KB7ARA hub repeater on Stensgar (Stranger) Mt. near Chewelah, WA, owned by KBARA 444.350 MHz N1NG (192.8 tone) on Mica Peak near Spokane, WA, owned by Mike N1NG IRLP Node #3638 in Spokane WA owned by Glen, K1RR

All licensed Amateur Radio operators are welcome to use this open repeater system.

To support KBARA, please send your contributions to: KBARA, P.O. Box 30801, Spokane, WA 99223-3013				
Name	Call Sign			
Address				
City/State	Zip			
Telephone	Amount Paid			
Email Address	ARRL Member?			

Dues are \$15.00 per year for individuals and \$20.00 for a family (all must be living at the same address), but any amount will be greatly appreciated. Dues are due January of each year. If they are paid between September 1 - December 31, they will be applied through the entire following year. Also, any contribution to the Repeater Fund will be gladly accepted. For more info, please visit our website at **www.kbara.org**. See us on Facebook.



Upcoming Hamfests and Events

Courtesy of N7CFO.com

May 30, 31 and June 1. SEA-PAC Hamfest and ARRL Northwestern Division Convention. Seaside Convention Center, Seaside, Oregon. This is an ARRL Sanctioned Event. info@seapac.org . www.seapac.org/. November edition of SeaPac Waves. February edition of SeaPac Waves. March edition of SeaPac Waves. April edition of SeaPac Waves.

June 6, 7, & 8. Wenatchee Apple City ARC Hamfest, Dryden, WA. *This is an ARRL Sanctioned Event.* https://www.applecityarc.com/ Flyer in PDF. Driving instructions and map.

June 7. Southern Oregon Amateur Radio Club Summer Swap Meet. Fruitdale Grange, 1440 Fruitdale Dr, Grants Pass, OR 97527. The event runs from 9:00 AM to 3:00 PM. There is no admission charge and no vendor fee (bring your own tables). https://www.soarc.org/.

June 14. Port Ludlow ARC Tail Gate Swapmeet. This is an ARRL Sanctioned Event. https://www.n7pl.org/

June 14. Inland Empire VHF Radio Amateurs Second Annual Swapmeet, Spokane, WA. *This is an ARRL Sanctioned Event.* Flyer in PDF.

July 18-20. Glacier Waterton Hamfest. East Glacier, Montana. This is an ARRL Sanctioned Event. https://www.gwhamfest.org/

July 19 Kenai Peninsula Hamfest, Kenai, Alaska. This is an ARRL Sanctioned Event. https://al7le.org/

July 19. Richmond Amateur Radio Club Swap Meet & Emergency Communications Display, Richmond, BC. https://hambone.ca/rac/events/detail.php?event_ID=2417 http://www.richmondarc.ca/swapmeet2025.html

July 26. Chehalis Valley ARC Swapmeet. *This is an ARRL Sanctioned Event.* Lewis County Fairgrounds 1909 S. Gold Street, Centralia, WA Flyer in PDF.

August 9. 2025, 0800 - 1300 hrs. ARRL Idaho State Convention sponsored by the Kootenai Amateur Radio Society. *This is an ARRL Sanctioned Event.* River of Life Friends Church 3263 E. 12th Ave. Post Falls, ID. Contact: Cliff Pratt, K7CVP. (208)620-8589. k7cvp.id@gmail.com

August 15-18. Pacific Northwest DX Convention, Clackamas, OR. *This is an ARRL Sanctioned Event.* https://pnwdxconvention.com/

August 17. Puget Sound Antique Radio Association Annual Swapmeet. http://psararadio.com/

September 6. Star/GMRS Swapmeet. Star Riverwalk Park, 979 S. Main St. Star ID. https://docs.google.com/ forms/d/e/1FAlpQLSfGKLuWh8T9Y6FpXiDPgX6IZHrFlzzH64WuVyVXGXWD6AFgQg/viewform?pli=1

September 8-12 2025 GNU Radio Conference. Everett, WA. https://www.gnuradio.org/.

September 13th Zero Retries Digital Conference. Everett, Washington. Flyer in PDF.

October. Pacific Northwest VHF Society Conference. http://www.pnwvhfs.org/



KBARA Repeaters and Echolink/IRLP Nodes

Frequency	CTCSS Tone	Location	Call sign	RF Link					
Repeaters									
223.90 MHz	None	Stensgar Mtn	KB7ARA	Hub					
147.38 MHz	100.00	Mica Peak	N7WRQ	KB7ARA—223.90					
147.36 MHz	None	Stensgar Mtn	N7WRR	Hard wired Hub					
147.02 MHz	None	Lookout Pass	KB7ARA	N7WRQ—147.38					
147.28 MHz	None	Pikes Peak	KB7ARA	KB7ARA—223.90					
147.32 MHz	103.5	West Twin, Moscow	KA7FVV	IRLP					
444.350 MHz	192.8	Mica Peak	N1NG	Stand Alone					
Links									
Echolink KB7ARA-R	N/A	Spokane, WA	KB7ARA-R	KB7ARA - 223.90					
IRLP Node 3638	None	Spokane, WA	K1RR	KB7ARA—223.90 & Ref 9075					





KBARA Gazette April/Spring 2025

KBARA Membership / Support Information: The KBARA repeater system consists of several club & privately owned linked Amateur Radio repeaters. It covers an area from northeastern Washington to northeastern Oregon, and 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 and Oregon. 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. All licensed Amateur Radio operators are welcome to use this open repeater system. Your support would also be greatly appreciated. Please visit this site for more information:

http://www.kbara.org for more information about the club and repeaters.

KBARA Officials

Directors

Jim Ashleman, N7WRR Scott Harvey, KA7FVV Glen Ahlborn K1RR

Officers

President: Jim Johnson, KM7H Vice President: Ed Parry, KK7SAB

Secretary: Tim, N6JXN

Treasurer: Betsy Ashleman, N7WRQ

Testing is held the 3rd Wednesday of every month. Brought to you by Glen, K1RR. If you have any questions please contact Glen at glen@k1rr.com or 509.216.0666.

Contact Glen for updates on testing.



To support KBARA, please send your contributions to:



KBARA PO Box 30801 Spokane WA 99223-3013 Annual support is \$15 per calendar year for a single membership and \$20 for a family membership. Dues are due in January of each year and if paid between September 1 and December 31, they will be applied through the entire following year. Also, any contribution will be gladly accepted to the Repeater Fund. This can also be done via PayPal on our webpage at www.kbara.org.

KAMIAK BUTTE AMATEUR REPEATER ASSOCIATION PO Box 30801

Spokane WA 99223-3013