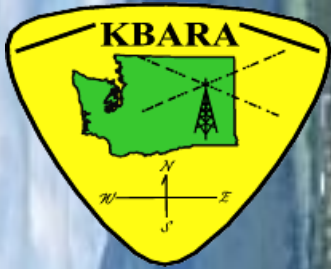


Summer 2025



Quarterly Journal of the Kamiak Butte Amateur Repeater Association

# KBARA Gazette

## 47th KBARA Annual Meeting—2025

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Please see the detailed minutes from our meeting on page 4.

Here are you KBARA officials for the next year:

### Officers:

**President:** Jim, KK7EW

**Vice President:** JJ, W7JJR

**Secretary:** Tim, N6JXN

**Treasurer:** Betsy, N7WRQ

### Directors:

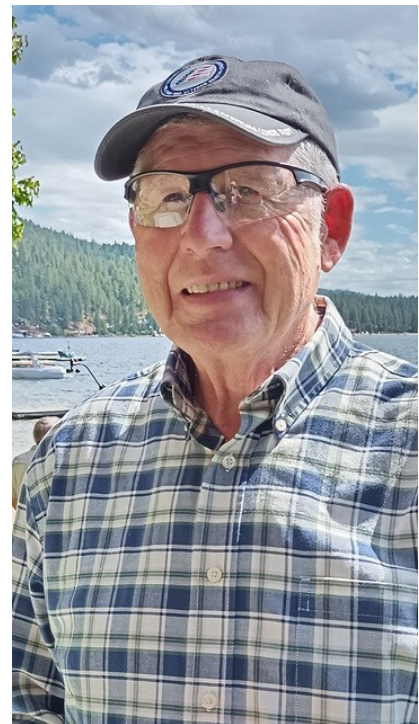
**Jim, N7WRR**

**Glen, K1RR**

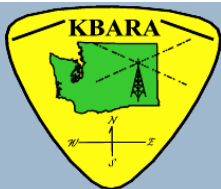
**Scott, KA7FVV**



Eugene, KD7DMR  
Luneta, KD7DMU



Mike, KJ7ZXF



# Technical Update

By Jim N7WRR

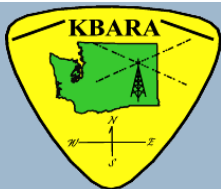
The entire KBARA system is working fairly well at present with all repeaters and links working, and we have a full time link with BEARS on the westside. The BEARS have done a lot of work on their system and the Tiger Mountain repeater has great coverage throughout the Puget Sound region. Thanks to Don W7VXS, Dan AA7JP and the other members of BEARS for all the work on the Tiger Mountain repeater and linking us in! The only site visits this summer were to the 147.32 west Twin Repeater that covers the Palouse.

**West Twin 147.32 repeater.** The repeater was down for much of the Spring. On May 15<sup>th</sup> Scott KA7FVV and I made a trip to site. Upon recycling the power, the repeater was back on line. We installed the Raspberry Pi based IRLP interface that Glen K1RR had made up, but couldn't get it to work. After trying to make up a new cable and trying a different controller without success we decided to try an RF link. We installed a link radio, and put up a yagi antenna. We had great audio in and out of the hub, but on adjusting audio levels on the controller we lost the receive audio from the hub. We ran out of time to try to do more, and left the repeater as stand alone. We were uncertain on why we lost the link return; it may have been on site interference and desense or an issue with the controller.

Glen K1RR got the IRLP going with the old controller and an extra radio I had at his shop. On August 12<sup>th</sup> Jim KK7EW and I returned to site with the equipment Glen had got going and installed the repeater, old controller, and Pi-IRLP and once again established the link via IRLP. We also grounded the rack and equipment and hope this will help reduce future episodes of the repeater going down. We left the link radio on site with the intent of trying to get established both a RF and IRLP link in the future. The current controller is only a 2 port so will need one of the 4 port controllers on our next trip there.

A big thanks to Glen K1RR, Scott KA7FVV and Jim KK7EW for helping getting West Twin linked back in again. We have our friends in the Palouse 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.



# John, W7OE—SK

by Betsy, N7WRQ

It is with a heavy heart that I report that John, W7OE has become a silent key. A post from his daughter, Jennifer, on his FB page indicated he passed away suddenly Thursday, June 19, 2025 of natural causes. Some of us that were regulars at Perkins met Jennifer when she was a waitress there for a short time. Please keep her in your thoughts and prayers.

John was very active in KBARA for years. Between him and Art, WB7AUK they owned most of the repeaters and kept the system running. He was still active with the club at least pre-pandemic. Many posts on Face Book show him shoveling snow to get to the 147.38 repeater in the winter on Mica Peak.

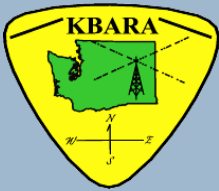


John was an avid CW enthusiast. Also, many posts on FB of his contacts as well. He would always be at Field Day with his trusty Icom IC-735 making one CW contact after another. We will miss not seeing him operating at Field Day

this year. I have personally known John since I became involved with KBARA back in the early 80's. John, you will be missed as a valued member of the KBARA family.

RIP.





## Minutes from 47th Annual KBARA Meeting

1315 Meeting called to order by President Jim KM7H with a total of 24 people present.

### Old Business

1318 Last yrs minute read by Sec Timm N6JXN

1319 Minutes motioned for adaption and seconded followed approval from the present membership.

1319 - 1321 Betsy N7WRQ read the Tres report for 1 Jul 24 thru 30 Jun 25. (See attached spread sheet of expense flow.)

a) Betsy did note that the biggest expense last year was the 6-port controller for Mica Peak 147.38mhz repeater.

b) The Spokane Ham Fest saw a return on the seed monies invested.

1322 JJ W7JJR made motion to accept the Tres rpt be accepted followed by Jim KK7EW seconding the motion.

1322 Vote taken and the Tres rpt accepted

1323 Jim KM7H read a remembrance list of the five club members that past away this year:

Dennis Roberts KF7UTH

Ann Reeves WA7ROS

Steve Kraus KG5AD

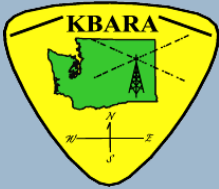
Cyril Wolf WA7LOV

John Dempster W7OE

Jim N7WRR expressed kind words for each lost member

1331 BetsyN7WRQ presented a report on the Spokane Ham Fest that was held early April: There were 450 people in attendance which was rather crowded in the multipurpose room.

Betsy indicated that the school district has now created a method to request 'sign ups' for school locations in regards to future Ham Fest site location. The system opens for application during the first of Sept.



## Minutes from 47th Annual KBARA Meeting cont...

The same clubs will spear head next years event.

1333 Jim N7WRR provided an over view the repeat system status.

A 6-port controller was placed into the West Wind repeat bring the system on line.

The 6-port controller was swap out from Mica Peak repeater. The occasional Stensgar repeater drop out was discussed: meaning - this is on going issue

### 1343 **New Business**

Jim N7WRR discussed (with a positive tone) the social aspects of KBARA such as:

Field Day;

new members;

net manager;

and the third Thursday of the month social luncheon meetings.

### 1345 Election of Directors and Officers

Directs are voted for a 3 year term.

Director Glen K1RR term is up and he informed Jim N7WRR (before the meeting) he was not interested in another 3 year term as KBARA Director. However, Scott KA7FVV decided to text Glen to see if he would reconsider his interested to serv another term as nominations and voting continued. The group nominated two people for that position: KM7H & K7LFN. The voting had started but had not been completed when Scott suddenly announced to the group that Glen K1RR would again be "OK" with that position, hence, the voting stopped; the two candidates withdrew their names, and Glen K1RR was unanimously voted into another 3 year term.

### 1351 Nomination for Officers

Jim N7WRR nominated Jim KK7EW for the office of Presidency. This motion was seconded by a KBARA member.

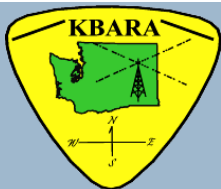
Jim KK7EW was unanimously voted as KBARA President

1354 Jim K7LFN nominated JJ W7JJR for Vice Pesident: a KBARA member seconded the motion.

Ed KK7SAB indicated that he could remain in this office.

Secret ballot case 15 members voted for W7JJR with 3 votes being cast for Ed KK7SAB:


Vice Presidency will be awarded JJ W7JJR.



## Minutes from 47th Annual KBARA Meeting cont...

- 1355 Jim N7WRR explained that KBARA elected officers can appoint representatives for club positions - such as JJ W7JJR as 'Good Will Ambassador at Large.'
- 1356 Both Tim N6JXN and Betsy N7WRQ indicated that they are willing and able to continue on in their present role as Secretary and Treasurer respectively.
- No other members express interest in competing for these positions: hence, the unanimous floor vote kept both individuals in their respective positions.
- 1402 Next years annual meeting was set for 16 Aug 2026 at 1300 hrs with a prospectus of Deer Lake as a site location for the annual meeting.
- Ed KK7SAB made a motion to table the site location next meeting until later discussions. All present members voted in the affirmation for this motion.
- 1403 The 47<sup>th</sup> annual meeting was adjourned by Jim KM7H with no further discussions.

foot note: All times recorded as 24 hr PDT time



# KB7ARA


*Kamiak Butte Amateur Repeater Association*

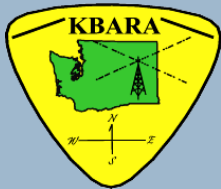
| Station | Date | UTC   | MHz     | Mode |
|---------|------|-------|---------|------|
| RST     | Rig  | Watts | Antenna | Grid |

73, \_\_\_\_\_

Pse Qsl ☐ Tnx ☐

KBARA, P.O. Box 18573  
Spokane, Washington, USA 99228-8573





# Treasurers Report

## KBARA INCOME & EXPENSES 7/01/2024 to 6/30/2025

| DATE     | DESCRIPTION              | DONATIONS  | MICA PEAK    | STENSGAR   | STENSGAR  | LOOKOUT    | PIKES PEAK | WEST TWIN  | IRLP     | PAYPAL    | OTHER      | ENDING     |
|----------|--------------------------|------------|--------------|------------|-----------|------------|------------|------------|----------|-----------|------------|------------|
|          |                          |            | 147.38 Mhz   | 147.36 Mhz | 223.9 Mhz | 147.02 Mhz | 147.28 Mhz | 147.32 Mhz | Echolink | FEES      |            | BALANCE    |
| 07/25/24 | Donations                | \$30.00    |              |            |           |            |            |            |          | (\$2.02)  |            |            |
| 07/31/24 | Controller               |            | (\$1,445.00) |            |           |            |            |            |          |           |            |            |
| 08/04/24 | Go Daddy website hosting |            |              |            |           |            |            |            |          |           | (\$119.88) |            |
| 8//14/24 | Check printing           |            |              |            |           |            |            |            |          |           | (\$46.69)  |            |
| 08/21/24 | USPS PO box              |            |              |            |           |            |            |            |          |           | (\$91.00)  |            |
| 08/21/24 | Donations                | \$20.00    |              |            |           |            |            |            |          |           |            |            |
| 08/27/24 | WA State annual report   |            |              |            |           |            |            |            |          |           | (\$20.00)  |            |
| 10/04/24 | Donations                | \$60.00    |              |            |           |            |            |            |          | (\$3.41)  |            |            |
| 11/06/24 | Donations                | \$15.00    |              |            |           |            |            |            |          |           |            |            |
| 11/13/24 | DNR site rent            |            |              | (\$100.00) |           |            |            |            |          |           |            |            |
| 11/29/24 | Donations                | \$165.00   |              |            |           |            |            |            |          | (\$7.48)  |            |            |
| 12/09/24 | ARRL insurance           |            |              |            |           |            |            |            |          |           | (\$300.00) |            |
| 12/24/24 | Donations                | \$70.00    |              |            |           |            |            |            |          |           |            |            |
| 01/02/25 | Donations                | \$245.00   |              |            |           |            |            |            |          | (\$11.77) |            |            |
| 01/06/25 | Donations                | \$125.00   |              |            |           |            |            |            |          |           |            |            |
| 01/07/25 | Site rent                |            |              |            |           |            | (\$360.00) |            |          |           |            |            |
| 01/15/25 | Donations                | \$20.00    |              |            |           |            |            |            |          |           |            |            |
| 01/24/25 | Donations                | \$20.00    |              |            |           |            |            |            |          |           |            |            |
| 01/30/25 | Spokane Hamfest seed \$  |            |              |            |           |            |            |            |          |           | (\$350.00) |            |
| 02/03/25 | Donations                | \$160.00   |              |            |           |            |            |            |          | (\$9.38)  |            |            |
| 02/08/25 | Donations                | \$70.00    |              |            |           |            |            |            |          |           |            |            |
| 02/11/25 | USPS PO box              |            |              |            |           |            |            |            |          |           | (\$192.00) |            |
| 02/28/25 | Donations                | \$420.00   |              |            |           |            |            |            |          | (\$16.28) |            |            |
| 03/13/25 | Repeater repair          |            |              |            |           | (\$200.00) |            |            |          |           |            |            |
| 4/28/25  | Donations                | \$30.00    |              |            |           |            |            |            |          | (\$2.02)  |            |            |
| 04/30/25 | Donations                | \$25.00    |              |            |           |            |            |            |          |           |            |            |
| 05/20/25 | Coax for hub link        |            | (\$158.18)   |            |           |            |            |            |          |           |            |            |
| 05/20/25 | ICOM repeater            |            |              |            |           | (\$350.00) |            |            |          |           |            |            |
| 05/26/25 | Spokane Hamfest return   |            |              |            |           |            |            |            |          |           | 542.26     |            |
| 05/31/25 | Donations                | \$195.00   |              |            |           |            |            |            |          | (\$9.90)  |            |            |
| 05/31/25 | Donations                | \$215.00   |              |            |           |            |            |            |          |           |            |            |
|          | \$8,427.65               | \$1,885.00 | (\$1,603.18) | (\$100.00) | \$0.00    | (\$550.00) | (\$360.00) | \$0.00     | \$0.00   | (\$62.26) | (\$577.31) | \$7,059.90 |

Memberships \$720.00  
 Extra Donations \$1,165.00  
 Number of members 78

Income \$2,427.26  
 Expenses (\$3,795.01)



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



|                            |  |   |  |  |
|----------------------------|--|---|--|--|
|                            | N7WRR<br>KA7FVV<br>K1RR                            | <b>DIRECTORS</b><br>Jim Ashleman<br>Scott Harvey<br>Glen Ahlborn  | 509-448-5821<br>509-939-9393<br>509-216-0666                 | jcageo@aol.com<br>ka7fvv@yahoo.com<br>glen@klrr.com  |
| <b>President</b>           | KK7EW  | <b>OFFICERS</b><br>Jim Gladden  | 509-220-5790   | fishinjimmy919@hotmail.com   |
| <b>Vice President</b>      | W7JJR  | JJ Rowe   | 509-824-2121   | w7jrr@gmx.us   |
| <b>Secretary</b>           | N6JXN  | George Timm   | 509-532-8063   | mr.timm@att.net  |
| <b>Treasurer</b>           | N7WRQ  | Betsy Ashleman  | 509-448-5821   | n7wrq@aol.com  |
|                            | KB7ARA<br>K1RR<br>KA7FVV<br>N7WRR<br>N7WRQ<br>N1NG | <b>OWNERS</b><br>KBARA<br>Glen Ahlborn<br>Scott Harvey<br>Jim Ashleman<br>Betsy Ashleman<br>Mike Maxson | 509-216-0666<br>509-939-9393<br>509-448-5921<br>509-448-5821 | contact@kbara.org<br>glen@klrr.com<br>ka7fvv@yahoo.com<br>jcageo@aol.com<br>n7wrq@aol.com<br>mmaxson@maxsonlab.com |
| <b>Control Operators</b>   | N7WRQ<br>WA7VFQ                                    | <b>APPOINTED OFFICIALS</b><br>Betsy Ashleman<br>Jim Fielder   | 509-448-5821   | n7wrq@aol.com<br>jimfielder@comcast.net  |
| <b>Registered Agent</b>    |  | Betsy Ashleman  | 509-448-5821   | n7wrq@aol.com  |
| <b>State of Washington</b> | N7WRQ  | Betsy Ashleman  | 509-448-5821   | n7wrq@aol.co   |
| <b>Call Sign Trustee</b>   | N7WRQ  | Scott Harvey  | 509-939-9393   | ka7fvv@yahoo.com   |
| <b>Newsletter Editor</b>   | KA7FVV   | Scott Harvey  | 509-939-9393   | ka7fvv@yahoo.com   |
| <b>Web Site Manager</b>    | KA7FVV   | JJ Rowe   | 509-824-2121   | w7jrr@gmx.us   |
| <b>Ambassador at Large</b> | W7JJR  | Jim Gladden   | 509-220-5790   | fishinjimmy919@hotmail.com   |
| <b>Net Manager</b>         | KK7EW  | Ed Parry  | 509-954-7623   | edparryjr@gmail.com  |
| <b>Emergency</b>           | KK7SAB   |   |  |  |
| <b>Communications</b>      |  |   |  |  |
| <b>Liaison</b>             |  |   |  |  |

**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 53587

**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](http://www.kbara.org). See us on Facebook.



# Upcoming Hamfests and Events

Courtesy of N7CFO.com

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

September 13. Zero Retries Digital Conference. Everett, Washington. *This is an ARRL Sanctioned Event.* [Flyer in PDF.](#) [Registration Form.](#) [7/3 Press Release.](#)

October 5. Delta Com Fest, Tsawwassen, BC. [https://hambone.ca/rac/events/detail.php?event\\_ID=2434](https://hambone.ca/rac/events/detail.php?event_ID=2434)

October 10 & 11. Pacific Northwest VHF Society Conference. <http://www.pnwvhfs.org/>

October 11. Arctic Amateur Radio Club Hamfest, Fairbanks, Alaska. <http://www.kl7kc.com/>. *This is an ARRL Sanctioned Event.*

October 11. Kitsap County ARC Hamfest. Bremerton, WA. <https://kcarc.org/hamfest/>

October 18. Swaptoberfest. Rickreall, OR. [www.swaptoberfest.com](http://www.swaptoberfest.com) [Flyer in PDF.](#)

## 2026

February. Salem Hamfair. Rickreall, OR. T <http://www.w7sra.com/> .

March 7. Mike & Key Swapmeet. <https://mikeandkey.org/flea.php>

June 5-7. SEA-PAC Hamfest and ARRL Northwestern Division Convention. Seaside Convention Center, Seaside, Oregon. [www.seapac.org/](http://www.seapac.org/) .

June 12-14. Wenatchee Apple City ARC Hamfest, Dryden, WA. <https://www.applecityarc.com/>

June. Port Ludlow ARC Tail Gate Swapmeet. <https://www.n7pl.org/>

June. Inland Empire VHF Radio Amateurs Annual Swapmeet, Spokane, WA.

June. Southern Oregon Amateur Radio Club Summer Swap Meet. <https://www.soarc.org/>.

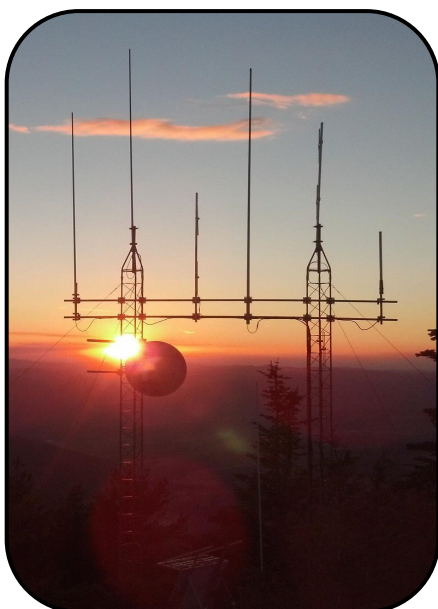
July. Salmoncon, the annual gathering of low power (QRP) ham radio operators. Valley Camp, North Bend, WA. <https://www.pnwqrp.org/salmoncon>

July. Glacier Waterton Hamfest. East Glacier, Montana. <https://www.gwhamfest.org/>



# KBARA Repeaters and Echolink/IRLP Nodes

| Frequency         | CTCSS Tone | Location          | Call sign | RF Link                     |
|-------------------|------------|-------------------|-----------|-----------------------------|
| <b>Repeaters</b>  |            |                   |           |                             |
| 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                 |
| <b>Links</b>      |            |                   |           |                             |
| Echolink KB7ARA-R | N/A        | Spokane, WA       | KB7ARA-R  | KB7ARA - 223.90             |
| IRLP Node 3638    | None       | Spokane, WA       | K1RR      | KB7ARA—223.90<br>& Ref 9075 |



**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

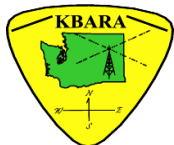
President: Jim Johnson, KM7H  
Vice President: Ed Parry, KK7SAB  
Secretary: Tim, N6JXN  
Treasurer: Betsy Ashleman, N7WRQ

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](mailto: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](http://www.kbara.org).

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