



40th Annual Meeting and Hamout

by Scott, KA7FVV

This year is a milestone for KBARA. This is our 40th Annual Meeting and Hamout for the organization. It has been held at multiple locations over the years. Valleyford Park is of course our latest but was not a totally new location. The meeting was held there for several years. In recent history Boyer Park on the Snake River, Riverside State Park and Rotary Park in Newport. Even further back, Nine Mile Resort, Bear Lake Park, Fort Spokane, Kettle Falls, Deer Lake Resort. Field Day and the Annual Meeting had been combined several years in a row. I am glad we are continuing this tradition.





From the Ham Shack of our President

KBARA Members,

Welcome to Spring! Let our spring and summer amateur radio activities begin. Hamfests and other activities have started around the northwest this month. I publish upcoming events in the newsletter for a three month time period. I have started posting events coming up in the next month or so on the Calendar of Events page on the KBARA web site. The updated list is always available on N7CFO.com. There are also a couple of tailgate events coming up. One right here in Spokane thanks to Duane, KE7NUB for organizing this event. Looks for details later in this edition.

Your officers and director has been hard at work updating our bylaws and standing rules to bring them up-to-date and in compliance with state and federal regulations. Please see the draft changes later on in this edition. They are also available in PDF format on the KBARA web site. There will be a membership vote on the new proposed changes at the annual meeting in June.

Work is continuing on the 147.320 repeater. Thanks to Glen, K1RR for his assistance. We hope to have all the kinks worked out and have it ready to take it to the site when the snow is gone. I have contacted the site owner and he thinks we should be able to access the site after May 1st.

See everyone at the meeting in June.

**73, Scott, KA7FVV,
President KBARA**

KBARA Members for 2018

<i>Call</i>	<i>Name</i>	<i>Call</i>	<i>Name</i>	<i>Call</i>	<i>Name</i>
KD7AAT	John P. Myers Jr.	KG7JWD	Robert Allen	KG7SD	Richard Thorton
W7ADG	Palmer Steven	KI7KEU	Brian Schaeffer	KE7SH	Allan A Bonney
KE7ADN	Gail (Gabbie) Perry	WA7KJ	Kendall Jones	K3SHD	C. Victor Bak
KE7ADT	Robert Bearpaw Galindo	KE7KKM	Mary E Day	K7SIL	Gerry O'Brien
K2AMF	Neil W Powell	N2KND	Russell McRee	KK7SJM	Shane Moscatelli
KG5AO	Steve Krause	W7KOG	Matt McLallin	K2SMF	Philip Bergin
N4APY	David Boswell	KI7LEZ	David M Henderson	KF7TIJ	Daniel Juhlin
KI7AQZ	Ron Tilton	W7LKR	Patrick Brandt	W7TSE	Debby J Phillips
W3AS	A Doug Brede	KI7LME	Lary Ransom	KI7URN	Charles Mullenix
WB7AUK	Art Gemmrig	WA7LOV	Cyril Wolff	KF7UTH	Dennis P Roberts
WL7BUI	Michael Foster	K7LRG	Leonard Gross	KG7UWF	Dan Latuseck
KI7BXW	Kellee Gibbs	KL7M	David Cloyd	WA7VFQ	James Fielder
WA7CBX	Bernie Frazier	W4MHI	Bogdan M Manolache	N7WRQ	Elizabeth Ashleman
KI7CDG	Samuel Tonseth	N7MJD	Donald L. Kloepfel	N7WRR	James Ashleman
W7CDP	Craig Phillips	K7MM	Dan Ransom	W7WTO	Royal Moore
W0CLF	Christopher Fortensky	W7MN	W Jeremie Dunlap	AD7XH	Richard L Schultz
K7CPO	Glen Day	K7MTD	David Herzberg	KC4YTZ	Richard D Fleetwood Jr
KD7DDQ	Ken Crosswhite	N1NG	Michael Maxson	KG7ZBZ	David Blythe
N7DHG	Charles R DePoe	K7NJU	Neil Uhrig	KG7ZCW	Daniel Carter
KG7DQP	Tom Faust	KC7NOA	Michael J.D. Durkin	W7ZVD	George C. Copeland
K7DSR	David Carleton	WA7NSJ	Jim Sibley		
AA7DV	Dennis VanMeter	KE7NUB	Duane Statler		
K7EAE	Eugene Eastman	WB7NUE	Jerry Harnois		
W7EFS	Tony Ross	AK2O	Karl Shoemaker		
K7EHT	Michael J. Sirott	WZ7O	Darryl D Hirst		
KI7EJU	Richard Furnas	W7OE	John P. Dempster		
KI7EPL	Richard A Wright	VE7OLV	Oliver Amateur Radio Club		
KE7EQP	Bruce McNett	WR7ON	Ronald E Standley		
KI7ETS	Greg Truchot	KC7OQR	Cathie Hebel		
WJ7F	Bob Ryno	KC7OQS	George Hebel		
N7FIX	Myron Judkins	KG7OQZ	Dan Marshall		
N9FOX	Barbara J. Moore	KC7ORO	Denise Hebel		
KA7FVV	Scott P. Harvey	KG7OWU	Thomas W. Rogers		
KB7GJY	Allen Gemmrig	KG7OWV	Laurie H. Rogers		
KF7GP	Mary Lee	KG7OWX	Valaire Poler		
N7GTB	Vernon VanZandt	KG7OWY	Murray Poler		
KI7HDZ	Michael Dunlap	AA7P	Richard J. Hebel		
KI7HEA	W Cameron Dunlap	KG7PDJ	Robert Burden		
W7HEE	Harry E Estep Jr	K7PDZ	Jim Long		
W7HFI	Robert Lemon	N7PGJ	Judy West		
KB7HJM	Roy E. Ferrell	K7PHM	Richard M Flynn		
K7HPT	Mark Van Winkle	KB7PQI	Dale Witty		
KG7IQP	Duane A DePoe	KI7QBN	Hans Tonseth		
N7JCL	John Lee	KD7QLT	Wilber H. Earl		
KF7JJC	Roger Krug	KI7QPJ	Jake McCarty		
W7JLJ	John J. Lally	KI7QPK	Estrelita Thomas		
KB7JKY	Valerie Kloepfel	WA7ROS	Anna M. Reeves		
KD7JUL	Julie Carleton	KG7RQN	Robert Walker		
KI7JVT	Dennis Paradis	K1RR	Glen Ahlborn		

KBARA REPEATER FUND CONTRIBUTIONS 2018

We wish to thank the following contributors for their very generous donations to this year's Repeater Fund. For the year 2018 to date, \$1,540 has been donated.

Platinum Contribution

Contributions \$100 and over

Bruce, KE7EQP
Richard, K7PHM

Wilber, KD7QLT
Dennis, KF7UTH

Gold Contribution

Contributions from \$50-\$99

Richard, KI7EPL

Brian, KI7KEU

Silver Contribution

Contributions from \$21-\$49

Robert, KG7PJD
Shane, KK7SJM

Allan, KE7SH
Gerry, K7SIL

Bronze Contribution

Contributions from \$1-\$20

Doug, W3AS
John, KD7AAT
Craig, W7CDP
Debbie, W7TSE
Duane, KE7NUB
Larry, KI7LME
Myron, N7FIX
Cyril, WA7LOV
Ronald, WR7ON
Richard, KC4YTZ
Michael, WL7BUI
Matt, W7KOG
Richard, AD7XH

Mike, K7EHT
David, K7MTD
Jim, K7PDZ
Scott, KA7FVV
Robert, KG7JWD
Robert, KG7RQN
Charles, N7DHG
Vernon, N7GTB
Bogdan, W4MHI
Palmer, W7ADG
Jim, WA7NSJ
James, WA7VFQ
Estrelita, KI7QPK

ELECTRONICS, HAM RADIO, AND EXPERIMENTERS



SWAP MEET



KENNEWICK, WA

MAY 5, 2018 | 9AM | BETHLEHEM LUTHERAN CHURCH

Sellers can set-up between 7:00 am and 9:00 am.

ITEMS TO SELL OR TRADE:

Amateur Radio Equipment
Commercial and Citizen Band Radio Equipment
Bench and Portable Test Equipment
Computers, Computer Parts and Accessories
Cables and Wire
Power Supplies
Antennas
Radio Controlled Robotics, Quad Copters, Drones
Electronic Components, Microprocessors, etc.
Equipment Carcasses



Bring your own Tables, Canopies, portable generators, or work out of the back of your truck, car, or van.

There will be no charges or fee's for sellers and buyers.

To find the Bethlehem Lutheran Church and school, if you are heading south on Hwy 395, turn left at 27th avenue, if you are on I-82 heading north or east take exit 113 for Kennewick. Head north approximately 1.8 miles and take a right at 27th Ave. After you get on 27th Ave. go east for 1 mile and you will see the church and school on the right.

**FOR MORE INFO CONTACT DAN DURFLINGER KD7KJJ
AT DANCAR68@AOL.COM, OR KD7KJJ@ARRL.NET**



2018 Field Day and 40th Hamout & Annual Mtg June 22 through 24, 2018

VALLEYFORD PARK

147.380 will be
talk-in frequency.

With the great success of our 2017 Field Day/Annual Meeting combo event we are set to make this a tradition.

Location is Valleyford Park, in Valleyford, WA. 10 miles southeast of Spokane on the Palouse Highway. The park is well treed so is well suited for Field Day. This will be our fourth Field Day at this location. There is a great picnic shelter for our meeting and potluck. Camping is limited to tents due to the size of the parking lot. Last year the parking lot was full with the great attendance we had.

The coffee pot will be on Saturday morning and maybe some donuts.

The annual meeting will be held at 1300 on Saturday, June 23th with a potluck and hamburger lunch to follow. Please bring a side dish of some kind to share.



Along with our potluck lunch we will BBQ hamburgers after the meeting.



**Saturday, July 7th at St. Paschal
Church, 2523 North Park Road**

7 AM to 3 PM

**If you would like to sell just bring
your goodies and pick a spot. There
will be limited tables available.**

There is no fee to sellers.

For more information please contact

Duane, KE7NUB at 509-435-7718



Upcoming Hamfests and Events

Courtesy of N7CFO.com

May 5. Electronics, Ham Radio and Experimenters Swap Meet, Kennewick, WA. Contact: Dan Durlinger KD7KJJ, DANCAR68@AOL.COM OR KD7KJJ@ARRL.NET [Flyer in PDF](#) (132K)

May 6. Maple Ridge Swap Meet. Pitt Meadows, BC. https://secure.eton.ca/rac/events/detail.php?event_ID=1906

May 12. Stanwood Camano Amateur Radio Club Hamfest, Stanwood Middle School, Stanwood, WA. *This is an ARRL sanctioned event.* Contact: Fred Laun, w7piq@arrl.net <http://www.scarcwa.org/>

May 19 & 20. River Radio Campout 2018. Pateros WA. Sponsored by the Okanogan County Amateur Radio Club. Free "dry" camping along the Methow River at Pateros. Always the weekend prior to Memorial Day Weekend.
w7orc1@gmail.com . <http://www.w7orc.com/> . Contact Mike W7MCM, skippemike53@gmail.com . (509) 689-3164.

May 26. Port Alberni swap meet. Port Alberni BC. https://secure.eton.ca/rac/events/detail.php?event_ID=1933

June 1-3. 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/

June 8-10. 50th Annual Apple City ARC Hamfest. Apple City ARC. *This is an ARRL sanctioned event.* Dryden Gun Club. Dryden, WA. (Five miles east of Leavenworth on Hiway 2). <https://www.applecityarc.com/>

June 9. KARS Hamfest. Kootenai Amateur Radio Society. Post Falls, ID. Always the 2nd Sat in June. For information contact k7idhamfest@gmail.com . www.k7id.org .

June 9. Port Ludlow ARC Old Fashion Tail Gate'r. Port Ludlow, WA. <https://www.n7pl.org/>

June 18 - 24. 50th Anniversary Washington State SAR Conference. Central Washington University, Ellensburg, WA. <http://www.wasarcon.org/> . **Registration is now open!** <http://www.wasarcon.org/Registration/tabid/1605/Default.aspx>

June 22-24. 39th Annual KBARA HamOut and Meeting. Valleyford Park, WA. Contact Scott, KA7FVV at ka7fvv@yahoo.com . <http://www.kbara.org/>

July 6, 7 & 8. 9th Annual Kuh Pig Roast. Springdale, WA.

July 13-15. Salmoncon. Pacific Northwest QRP Group annual weekend outing. North Bend, WA at Valley Camp. <http://valleycamp.org/> Contact Wayne McFee nb6m@att.net . <https://sites.google.com/site/pnwqrp/salmoncon>

July 20-22, 2018. Glacier Waterton International Peace Park Hamfest. (Always the third weekend in July) Glacier Meadows Campground, 13 miles west of East Glacier on MT Hwy 2. *This is an ARRL sanctioned event.* <http://www.gwhamfest.org/> [2015 Photo Gallery](#) .



Early Satellite History

By Scott, KA7FVV

With the Russians beating us to space on October 4, 1957 with the launch of Sputnik-1, the US was in a race to get the first US satellite into orbit. There were two programs attempting to build and launch a satellite. The Navy with the Vanguard program and the Army with the Explorer program. While both programs were in development there was another setback, when the Russians launched Sputnik-2 on November 3, 1957.

The Vanguard program attempted their first launch on December 6, 1957. There was a dramatic explosion of the launch vehicle before it left the pad. I had the opportunity speak with one of the engineers involved with that program quite by accident. He said the fuel line was too short and came loose due to the vibration of launch which caused the fire and explosion.

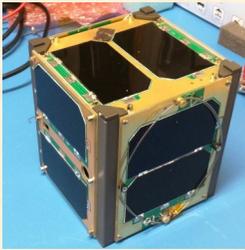
In the meantime the Army with the Explorer program launched the first US satellite in space on January 31, 1958, Explorer-1. Vanguard team continued with their progress but had one more launch failure. On March 17, 1958 Vanguard-1 was successfully launched. Unlike the Sputnik and Explorer satellites that eventually deorbited, Vanguard-1 is still in orbit 60 years later. This makes it the oldest human-made object in space. It was also the first to use solar cells to power the satellite and it is not expected to deorbit until around the year 2240. It was placed into a 406 mile by 2466 mile orbit. It transmitted a 10 mw signal on 108 MHz and a 5 mw signal on 108.03 MHz. It was last heard from in May of 1964. Our lowest power amateur satellite in orbit today is 250 mw.



Vanguard Information: https://en.wikipedia.org/wiki/Vanguard_1

Explorer Information: https://en.wikipedia.org/wiki/Explorer_1

Sputnik Information: https://en.wikipedia.org/wiki/Sputnik_1



FM Satellite Update

By Scott, KA7FVV

Spring is here and over the last fall and winter we have two new FM satellites in orbit that are easy to work. We have always used the term “Easysats” with the FM birds. These two are truly easy. There are some stations that have successfully worked them with an extended handheld antenna. This was easy to do with AO-51 before it became a silent key. It has been done with SO-50 but the new satellites are transmitting with almost twice the power.

AMSAT-NA launched AO-91 and 92 several weeks apart. Dust off your Arrow or Elk antenna or give it a try with an extended handheld antenna. Both satellites are very busy. Both satellites are U/v mode. UHF transmit adjusting for Doppler shift and VHF receive. AO-92 will occasionally be in L/v mode, 1.2 GHz transmit and VHF receive. If you hear it some weekend and can not get in, that maybe the reason. Not that many stations have 1.2 GHz transmit capability so the satellite is not as busy when it is on that schedule. Checked <https://www.amsat.org/satellite-schedules/> for the schedule.

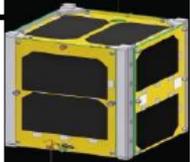
Below is the programming guide for these two satellites from my FM Satellite Quick Reference Guide on my web site.

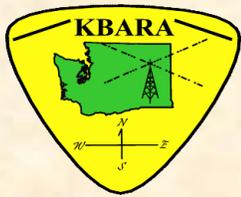
To find passes for the area use your favorite satellite tracing program. For the PC I recommend Orbitron, for the iPhone GoSatWatch and Android phones either ISS Detector with the add-ons or Amsat Droid Free.

AO-91	U/v	Launched November 2017				
	Downlink			145.960		
Tone: 67.0	Uplink	435.240	435.245	435.250	435.255	435.260
		AOS		MID		LOS



AO-92	U/v	Launched January 2018				
	Downlink			145.880		
Tone: 67.0	Uplink	435.340	435.345	435.350	435.355	435.360
Tone: 67.0 L/v	Uplink	1267.320	1267.335	1267.350	1267.365	1267.380
		AOS		MID		LOS





ISS SSTV Captures

By Scott, KA7FVV

It seems like the ISS SSTV events are all to few and far between. Sometimes they are only active over Europe and Russia. This was our first world wide event since December of last year. This event celebrated Cosmonautics Day which was Thursday, April 12th. This is celebrated in Russia and surrounding former USSR countries. It was declared International Day of Human Space Flight in dedication of the first manned space flight made on April 12, 1961 by Yuri Gagarin. The SSTV images depict some key Russian milestones over the last 40 years.

Capturing the images is fairly easy. There are a couple Windows programs that can be used. MMSSTV used to be my favorite until I ran along RX-SSTV. It has less clutter on the screen and in the setup can be told to display in larger format on the screen. I pipe audio from the headphone jack on my IC-275 into the mic jack on the computer with a audio cable. Setup the program to use mic audio and adjust the radio volume with no signal to go barely into the red/overflow. This will be about perfect when a SSTV signal is received. A directional antenna is better even though ISS is transmitting with 25 watts. You can get satisfactory results with a vertical. The program detects the mode of the SSTV automatically. ISS usually transmits in PD 120 mode. There is also a SSTV program by Black Cat Systems available in the IOS Apps Store and there is a DroidSSTV in the Google Play Store. Both have are paid apps.



Kamiak Butte Amateur Repeater Association Bylaws

Draft Proposed 03/14/18

Article I Name

The name of the organization shall be the Kamiak Butte Amateur Repeater Association, hereafter referred to as KBARA.

Article II Purpose

To provide financial support for a regional linked repeater system on VHF and UHF amateur radio frequencies for Eastern Washington, Northern Idaho, Western Montana and Northeastern Oregon, extending into Western Washington. Repeaters will be available for open use by all KBARA members and other properly licensed amateurs and visitors in the area of coverage. This also includes connectivity to the system via Echolink and IRLP.

To provide support and encouragement for new modes and methods of repeater operations, as interest and association finances allow experimentation in such areas.

To keep in mind always that the KBARA system is primarily an emergency system dedicated to emergency use and public service projects first and to general use secondarily.

Article III Membership

Membership shall be open to all persons interested in amateur radio communications, and particularly in the radio spectrum at VHF and above. Membership shall not be denied any person because of race, gender/gender identification, religion, color, marital or family status, age, nationality, disability or political beliefs.

Full Member has full voting rights in all KBARA affairs unless it poses a conflict of interest, and is eligible to hold any office.

Family Membership includes all licensed amateurs residing at the same residence who are members of the immediate family. These members have the same rights and privileges as any full member.

Honorary Member is a membership privilege granted to an individual for special recognition as recommended by 3 Officers and voted upon and approved by a majority vote of those present at any regular membership meeting. The Honorary Member has no right to vote, or hold office.

Lifetime Member is a membership privilege granted to an individual member for special recognition as recommended by the Officers and voted upon and approved by a majority vote of those present at any regular membership meeting. A limit of 2 can be issued per calendar year. Lifetime Members need not pay dues and have all the rights of a Full Member.

A membership may be revoked for malicious conduct or for willfully breaking the laws governing amateur radio operations by a consensus of the Officers.

No Member may vote or be part of the decision making process if it poses a conflict of interest, such as decisions regarding equipment they own or site leases they are party to.

Article IV Dues

Membership dues shall be \$15 per year, Family membership is \$20 per year. The membership shall begin on January 1st and end on December 31st of each year. Members will be dropped from the roster if dues are not received by March 31.

The amount of the membership dues may be changed by a recommendation of the Officers and a majority vote of the members present at any regular membership meeting. The members shall be notified in advance by the newsletter.

New and renewing Members joining between September 1st and December 31st, will receive membership in full the remainder of that membership year plus all of the next membership year, not to exceed a total of 16 months.

Membership dues can be made in person at area hamfests where a membership table is present, by mailing payment to the KBARA mailing address or via PayPal on our website, www.KBARA.org.

Article V Weekly, Annual and Board Meetings

A weekly membership meeting will be held on the KBARA linked repeater system. The net will be held on Wednesday evening at 7:00 PM. The purpose of this meeting is to keep members informed on KBARA activities. At least two officers must check in for KBARA activities to take place.

Regular Monthly Board of Director meetings, once per month, if needed.

A general business meeting will be held once a year. The business meeting will be held for the purpose of meeting each other in person, and to nominate, elect and to vote in new board members and new officers; to discuss and review past accomplishments and to plan the activities for the coming year. The time and place will be chosen by the Board of Directors and announced on the Wednesday evening net and published in the Spring Edition of the KBARA Gazette. All meetings will be conducted using the Roberts Rules of Order, Newly Revised.

Article VI Duties of Board of Directors and Officers

Board of Directors

The Board of Directors is the governing body, setting overall priorities and ensuring that resources are used wisely and in pursuit of the organization's missions, and ensuring compliance with laws and regulations. There shall be three Directors elected by the Members at the annual meeting, with each serving a staggered term of three years.

KBARA indemnifies Directors and Officers who act in good faith, and limits personal liability of Directors and Officers to the extent permitted by Washington State law.

No Director or Officer may vote or be part of the decision making process if it poses a conflict of interest, such as decisions regarding equipment they own or site leases they are party to.

Officers

The day to day affairs of KBARA shall be governed by the Officers consisting of the President, Vice President, Secretary and Treasurer. The officers shall have full power to make decisions, but may not authorize expenditures of more than \$500 for any one action with the exception of repeater site rental, without notifying the members of the need for a large expenditure. Expenditures over \$500 will be announced on the Wednesday evening net, and voted upon by the Board of Directors at a regular board meeting.

President

Presides over membership meetings and is an automatic member of all committees. Calls special meetings when necessary and is responsible to see that the membership is notified. Appoints and oversees the progress of all committees. Signs checks in the absence of the Treasurer. Performs public relation functions and represents the association to the community. Provides the interface between the owners of the repeaters and the association.

Vice President

Assumes the duties of the President in his absence and assists the President in the performance of his duties at his request.

Secretary

Keeps and reads the minutes of all meetings and keeps these records available for use by the Officers, committees and other KBARA Members upon request. Provides a condensed report of the year's activities at the general business meeting. Keeps an accurate listing of all property owned by KBARA; mails membership certificates to new and renewing members.

Treasurer

Maintains an account of all KBARA money, collects membership dues, and deposits funds to the checking accounts, pays bills as approved by the Officers. All checks shall be signed by the Treasurer or the President. Keeps an itemized account of all money received and disbursed and reports such activity to the President at his request. Provides a complete report of the finances of KBARA at the annual general business meeting prior to the installation of the new officers. Is responsible for the annual Internal Revenue Service report and the annual Washington State Corporation renewal report form and fee. Is responsible for keeping a current list of Members and provides a roster to the Officers and committees when requested.

Article VII Committees

The Officers may appoint willing members to various committees as the need arises. These appointments may include such positions as Net Control Manager, Newsletter Editor, Website Manager, Technical Director and Regional Representative.

Article VIII Nominations and Elections

Nominations for the office of Director, President, Vice President, Secretary, and Treasurer, shall be made from the floor at the annual general business/board meeting. Nominations will be stated verbally by any member present at the meeting. Nominees will briefly state their qualifications and philosophy. Voting will be accomplished by a vote from the floor of members present at the meeting. Directors shall have a staggered three year terms and be elected by the membership at the annual general business meeting. Officers shall have a one year term and are appointed by the Board of Directors, from the membership nominations submitted at the annual general business meeting. Nominations of a member not in attendance will only be allowed if that member has notified the Secretary stating his or her willingness to accept the office. Voting will take place immediately after the nominations close. A majority vote cast will validate the election.

New Officers will be installed and take control after all offices have been voted for. They shall conduct the remainder of the meeting. A meeting of the new and old Officers will also be held to turn over the association's records and transfer of signatures.

The general business/board meeting will be called to order by the present Board of Directors no later than 1:00 pm on the day held.

In the event of a vacancy in one of the offices, the Board of Directors shall appoint a replacement who shall serve the remainder of the term. The Board of Directors will then appoint a replacement for the office at a regular board meeting.

Officers may be recalled by a Board of Directors majority vote at a regular board meeting.

Article IX Amendments to Bylaws or Standing Rules

Any amendments or attachment approved by the Board of Directors shall be automatically adopted and are not subject to a vote of the membership.

Any member may present suggestions to amend a bylaw or standing rule to the Officers. The suggestion will then will go to the Board of Directors for review and approval to see that there is no violation of Federal or State law/s and does not conflict with an existing bylaw or standing rule. If accepted, it can then go to the membership for a vote of a two thirds majority at the annual general business meeting.

Article X Liquidation and Dissolution of the Association

This Association may be dissolved by two thirds votes of the members in attendance at a general business meeting. In this event, the net assets are to be distributed as follows: After paying or adequately providing for the debts and obligations of the Association, the remaining assets shall be distributed, by the Directors, to a non-profit fund, foundation or corporation which has established its tax exempt status under Section 501 (c) (3) or (4) of the Internal Revenue Code of the United States of America.

Kamiak Butte Amateur Repeater Association Standing Rules

Draft Proposed 02/012/18

Repeaters

Members shall follow all current Part 97 FCC laws regulating amateur radio as well as accepting procedures lay down by KBARA when using the KBARA system repeaters.

There shall be no conversations that “belittles or bashes” amateurs because of their normal way of speaking or because of their class of license.

The Officers and Owners are to be contacted when there are violation of Part 97 of FCC laws, KBARA Bylaws, Standing Rules or for any complaint.

Committees

The Officers may appoint willing members to various committees as the need arises. These appointments may include such positions as Net Control Manager, Newsletter Editor, Website Manager, Technical Director and Regional Representative.

Net Control Manager

Oversees the daily 07:00 am nets and the Wednesday Evening Nets. Arranges own format and has it approved by a majority vote of the officers. Appoints net control operators to run the above noted nets. The nets shall follow the approved format. The format shall contain an explanation of KBARA and information directed to members and non-members. The officers shall be given the opportunity to make announcements during these nets.

Newsletter Editor

Responsible for writing and assembling a newsletter pertaining to KBARA affairs. The newsletter may contain articles from other clubs and periodicals. The newsletter shall be published four times a year in January, April, July and October. All articles will be verified as correct before using them. Spring issue to include a roster of the members paid for the current year, Summer issue to include a report of the annual meeting.

Website Manager

Shall maintain the KBARA.org website on a regular basis. Keeping the website up-to-date as possible so this is a central source of information about the club, upcoming events and the repeater system.

Technical Director

Provides technical direction on maintenance and repair of the repeater system. Shall provide instructions for controlling functions of the Kamiak Butte Amateur Repeater Association system, but may or may not include the special codes which also effect the Evergreen Intertie.

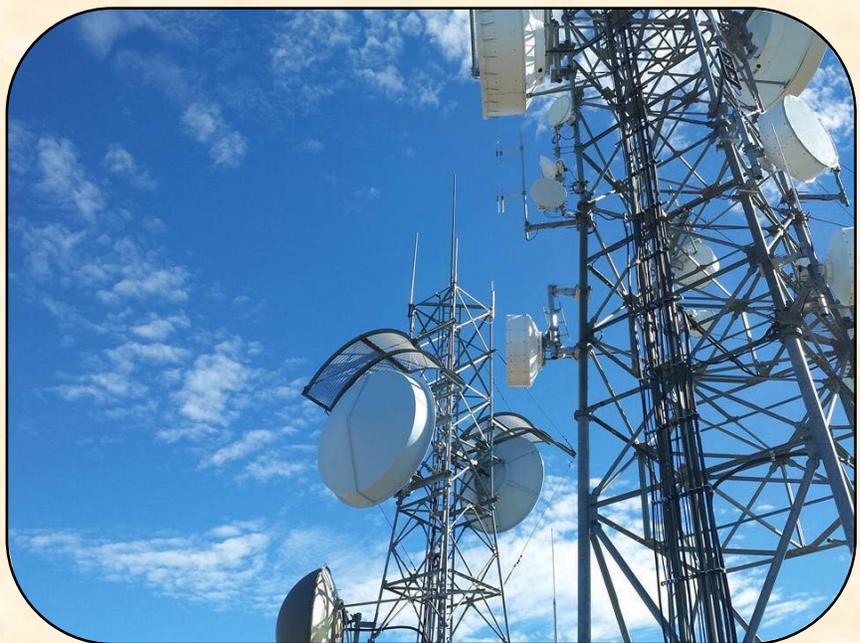
Regional Representatives

Assist with representing KBARA in the community and at hamfests.



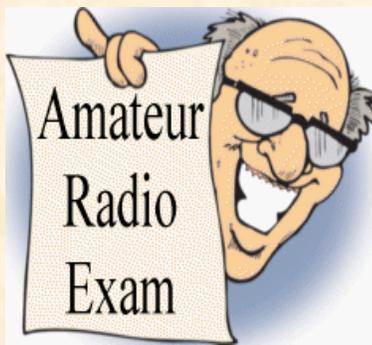
KBARA Repeaters and Echolink/IRLP Nodes

Frequency	CTCSS Tone	Location	Call sign	RF Link
Repeaters				
223.90 MHz	None	Stensgar Mtn	AK2O	Hub
147.38 MHz	None	Mica Peak	W7OE	AK2O—223.90
147.36 MHz	None	Stensgar Mtn	K1RR	Hard wired Hub
147.02 MHz	None	Lookout Pass	K7HPT	W7OE—147.38
147.28 MHz	None	Pikes Peak	KD7DDQ	AK2O—223.90
145.19 MHz	None	Elk Butte	K1RR	AK2O—223.90
147.32 MHz	103.5	Northwest Spokane	KA7FVV	IRLP Soon
Links				
Echolink KB7ARA-R	N/A	Spokane, WA	K1RR	AK2O - 223.90
IRLP Node 3636	None	East Tiger Mt	KB7ARA	145.33 & Ref 9075
IRLP Node 3638	None	Spokane, WA	K1RR	AK2O—223.90 &



KBARA Membership / Support Information: The KBARA repeater system consists of several 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> and visit http://groups.yahoo.com/group/evergreen_intertie



Testing is held the 3rd Wednesday of every month at Spokane Fire Station No. 4 at 1515 W 1st Avenue, Spokane. Brought to you by Glen, K1RR. If you have any questions please contact Glen at glen@k1rr.com or 509.216.0666.

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

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