

Fall
2015
Edition



KB7ARA
Kamiak Butte Amateur Repeater Association



Spokane Hamfest and Washington State Convention

by Betsy, N7WRQ

Another successful Spokane Hamfest has come & gone, thanks to the seven clubs who hosted this yearly event. A special thanks go to our hosts, University High School & their teacher, Jared Bock, KE7FLD....always a perfect location for our ARRL Washington State Convention.

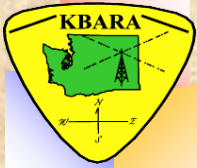


This year, the event was attended by about 450 participants, featured over 60 swap tables, & had numerous exciting seminars & activities. They were: "Cascadia Rising 2016" with Monte, W7MLS; "ARRL Forum" with Jim, K7CEX & Bonnie, AB7ZQ; "Yaesu System Fusion Repeater" with Dan, NV2Z; "HF Radio & Signal Propagation" with Jay, WA0WWW; "FM Satellites" with Scott, KA7FVV; "I Have Just Received My License or Upgrade..." with Jack, AD7FO; ARRL License testing; & the "Junque" Auction" with John, W7OE, Steve, KG5AO & Jim, N7WRR.

For the raffle drawing this year, the 1st prize ICOM IC7100 went to Dale Dean, KG7KSK of Coeur d'Alene,

2nd prize IC-2300H to Ron Alderson, KE7PSR of Spokane, and 3rd prize Yaesu FT 60-R to Marlene Leon Torres, KF7GIT, of Moscow. Congratulations to all those winners & to all who helped support this event, helping the clubs see a return of slightly over 100% on their seed money. For Spokane Hamfest 2016 already plans have begun: mark your calendar for September 24, 2016, for the big event..





Annual Meeting and Hamout

by Scott, KA7FVV

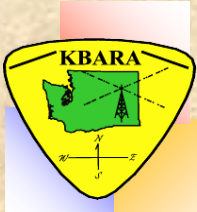
This our second year at Rotary Park in Oldtown, ID. A special thanks to our host Daryl, KF7LWI. We are already on the calendar for next year. Thank you to everyone who attended this year. It was nice seeing John, KD7AAT who drove up from California. He gets the award for the longest distance driven to attend with around 1200 miles.

At this years meeting we had a change in leadership of the club. First and foremost I want to thank Roger, KF7JJC for his time, dedication and support as President of KBARA. With Rogers departure from the presidents position nominations were asked for from the floor. There was a nomination from the floor for me as president. I was more than happy to take the position of President of KBARA. With the vice president position now open, we once again asked for nominations. Duff was nominated and accepted the the positions of Vice President. Thank you Duff, WA7BFN for accepting the nomination and once again being an officer for KBARA. There were no new nominations for secretary and treasurer, Glen, K1RR and Betsy, N7WRQ were nominated once again for Secretary and Treasurer, respectfully. Thank you Glen and Betsy for your continuing support of KBARA.

I want to thank Mike, N7EHT for his great work as our Net Manager. It has always impressed me how he can do mobile net control. Thank you to Jeff, KG7HZZ for taking the reigns of Net Manager position. You are off to a great start keeping out net controllers organized.

Here are a few aerial pictures from my quadcopter.





A few words from our President



KBARA Members,

I hope this fall edition finds everyone winding down from the busy summer. and getting ready for hours of radio operations in the warm ham shack over the winter.

It is the usual busy events keeping us busy his time of year between the Annual Meeting and Hamout and the hamfest.

Thank you to all who attended the Annual Meeting and Hamout. We had a few more camp overnight this year. Please ee my write up of the Annual Meeting on the previous page.

Our most recent event the Spokane Hamfest and Washington State Convention. I would like to thank Betsy and the Hamfest Committee for all of their hard work over most of the last year to give us a great hamfest. It was very well attended this year with over 400 in attendance. They have even started working on next years hamfest. University High School is already reserved. Please see her write up on the cover page.

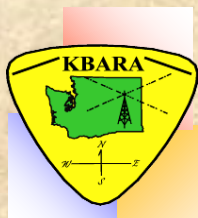
I want to thank all officials for their continued support of KBARA.

I want to say congratulations to Glenn, K1RR, Steve, KG5AO, and Dan, NV2Z and their support team for a second successful balloon launch and recovery. Many of us had fun tracking it on APRS.fi if we couldn't be there in person. It is great seeing your wonderful pictures on the KBARA Facebook page from near space at almost 100,000 feet.

73, Have a great fall.

Scott, KA7FVV
President KBARA





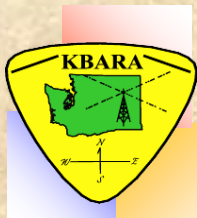
Famous Callsigns

Supplied by John, W7OE

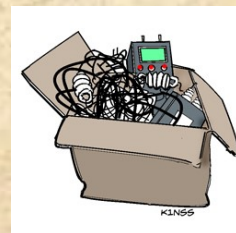
I have listed some of the most famous and well known names. Please check out the link at the bottom for more information including a link to famous radio rooms such as the Titanic.

CN8MH	King Hussan II—King of Morocco (sk)
EA0JC	King carlos of Spain
GB2BP	Bletchley Park—WW II “Station X” of ENIGMA de-coding fame.
G2MT	Marconi Radio Society
G3PLX	Peter Martinez—Co-Inventor of PSK31
G5RV	Louie Varney Antenna Designer (sk) - G5RV Inventor
JA3FA	Tokuzo Inoue—Founder of ICOM
JY1	King Hussain of Jordan (sk)
KB2GSD	Walter Cronkite (sk)
KB5UAC	Mike Foale—British born US astronaut
KD4WUJ	Patty Loveless—Country Music Singer
KG4UYY	James Lance Bass—N'Sync pop singer
KG6FZX	Dennis Tito—First space tourist
K4ZVZ	Paul Tibbits—Pilot of Enola Gay
RN3DX	Oleg Kononenko—Russian cosmonaut, flown on the ISS
W5CY	Howard Hughes—Billionaire, Inventor, aviator, aircraft designer (sk)
W6RO	Queen mary Ocean Liner—Wireless Room
UA1LO	Yuri Gagarin—First man in space (sk)

Use this link for additional information: <http://www.dx-qsl.com/famous-ham-radio-operators.html>



Up Coming Hamfests and Events



November 1. Maple Ridge Swapmeet. Pitt Meadows, BC. <http://www.mrarc.net/> http://rac.eton.ca/events/detail.php?event_ID=1759

November 15. CVARS Antique Radio Swapmeet. Burnaby, BC http://rac.eton.ca/events/detail.php?event_ID=1771

February 20, 2016. Salem Hamfair & Computer/Electronics Swapmeet. Rickreall, OR at the Polk County Fairgrounds. <http://www.w7sra.com> .

March 5, 2016. Mike & Key Swap Meet. Puyallup fairgrounds exhibition hall, Puyallup, WA. *This is an ARRL sanctioned event.* <http://www.mikeandkey.org/flea.htm>

March 19, 2016. MicroHams Digital Conference. Redmond, WA. <http://www.microhams.com> .

April 2016. Yakima Hamfest. Yakima, Washington. Selah Civic Center, 216 South 1st Street, Selah, WA. <http://yakimaamateurradioclub.com/yakima-hamfest/>

April 9 & 10, 2016. Communications Academy. South Seattle Community College, Seattle, WA <http://commacademy.org/>

April 22, 2016. Idaho State Convention. Boise, ID. This is an ARRL sanctioned event. <http://voiceofidaho.org/> Contact: Larry Bickham , WA7ZZS. (208)453-1666, wa7zzs@arrl.net

May 2016. Stanwood Camano Amateur Radio Club Hamfest, Stanwood Middle School, Stanwood, WA. Contact: Fred Laun, n7krn@arrl.net <http://www.scarcwa.org/>

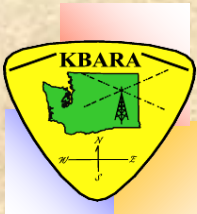
May 20-22, 2016. Washington State Search And Rescue Conference. Longview, WA. <http://www.wasarcon.org/>

May 20-22, 2016. Pateros 16th Annual Ham Radio, Campout/Potluck. Pateros WA. Free "dry" camping along the Methow River at Pateros. Always the weekend prior to Memorial Day Weekend. Contact Roger W7CH w7ch@arrl.net (509)687-3919. <http://lakechelanradioclub.webs.com/>

June 2016. 48th Annual Apple City ARC Hamfest. Apple City ARC. Dryden Gun Club. Dryden, WA. <http://www.gsl.net/w7td/> .

June 2016. Port Ludlow ARC Annual TailGate'r. Port Ludlow, WA. <http://www.n7pl.org/>

June 3-5, 2016. Sea-Pac Hamfest and ARRL Northwestern Division Conference. Seaside Convention Center, Seaside, Oregon. *This is an ARRL sanctioned event.* SEAPAC@seapac.org . www.seapac.org/



Amateur Satellite Update

by Scott, KA7FVV

It has been a busy last month or so for the amateur satellite community. There have been multiple satellite launches, and among those were two new FM Amateur Radio Satellites.

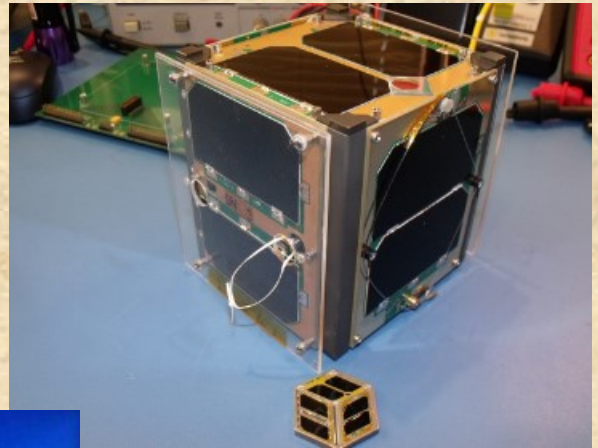
September 19: Nine amateur radio satellites were launched from China on their new Long March 6 rocket. Among those nine was LilacSat-2 (CAS-3H), a V/u FM amateur satellite. The other satellites designated XW-2A through XW-2F and CAS-3G through CAS-3I. These other satellites have either linear transponders or downlink within the amateur band. LilacSat-2 was available for use shortly after launch. A operating schedule was soon announced. The FM transponder will be available on Monday-Wednesday-Friday starting at 2200 UTC and be active for 24 hours.

October 8: The long awaited Atlas 5, NROL-55 mission launch with Fox-1A on board. This is a replacement for AO-51 that stopped working due to battery failure almost three years ago. Fox was assigned it's Oscar number on the day of launch. It is known as Amsat-Oscar 85 (AO-85) and is a U/V FM amateur satellite. Transponder was activated for a short period of time on the day of launch and available into the day after. Many successful contacts were made over this period of time.

LilacSat-2 is very loud and easy to hear. Be sure and note the operating schedule noted above. It sounds a little different from other FM amateur satellites. It has squelch tail on it of about 2 seconds.

AO-85 was down for a week for testing. Last information was it is once again available for use. Check AMSAT web sites for the latest information. Both AMSAT.org and AM-SAT-UK.org are great resources.

Find information on all three active FM Satellites on my



web page at www.ka7fvv.net.

Active FM Satellites are:
SO-50
LilacSat-2
AO-85



Amateur Radio Testing Sessions

Chewelah, WA, ARRL VEC

Contact: Karl Miller, WX7DX: (509)258-8922 email: wx7dx@arrrl.net

Colville, WA, ARRL VEC

Contact: Tommy L Howe, (509)-684-5565, email thowe@hotmail.com

Hayden , ID, ARRL VEC

Second Monday of every month starting at 5:30PM at the Kootenai County Search & Rescue Building, 10865 N. Ramsey, Hayden, ID 83835.near the South end of CDA Airport

Contact: Mitch, KB7BYR, (208)-786-5810, email vetesting@k7id.org

College Place, WA. ARRL VEC

November 15, 2015; 2PM; Walla Walla University, 100 SW 4th St 1st Door Bldg., Chan Shun Pavilion

Lecture Hall Rm 154, College Place WA 99324-1238

Contact: Mable E. Babbitt, WB5AVH, (509) 629-2060 Email: wb5avh@msn.com

Kennewick, WA, ARRL VEC

November 15, 2015; 2PM; Boy Scout Office, 8478 W Gage Blvd, Kennewick WA 99336-1075

Contact: Michael Tesky, KC7CCK (509)783-6236; email: kc7cck@frontier.com

Moscow, ID, ARRL VEC

American Legion Cabin, 317 S Howard, Moscow ID 83844

Contact: Tom Storer, KI6DER, (509)334-6979; email: KI6DER@AmSat.org

Republic, WA ARRL VEC

November 11, 2015 6PM, LDS Chapel

Contact: Sam Jenkins, (509) 775-2923; email: cmsamj@gmail.com

Spokane, WA, ARRL VEC

Contact: Mary Qualtieri, AA7RT, (509) 991-2192; email: aa7rt@me.com

Spokane, WA, W5YI VEC

December 15, 2015; 7PM, Tuesday; 2nd Look Books, 2829 E 29th Ave Ste C, Spokane WA 99223, 509-535-6464 (at 29th Ave & Regal in Lincoln Heights Shopping Center)

Contact: Betsy Ashleman, (509)448-5821 email: n7wrq@aol.com

Spangle, WA ARRL VEC

Arlen Fletcher, AA7F

509-245-6006, email: arlenfletcher@mac.com

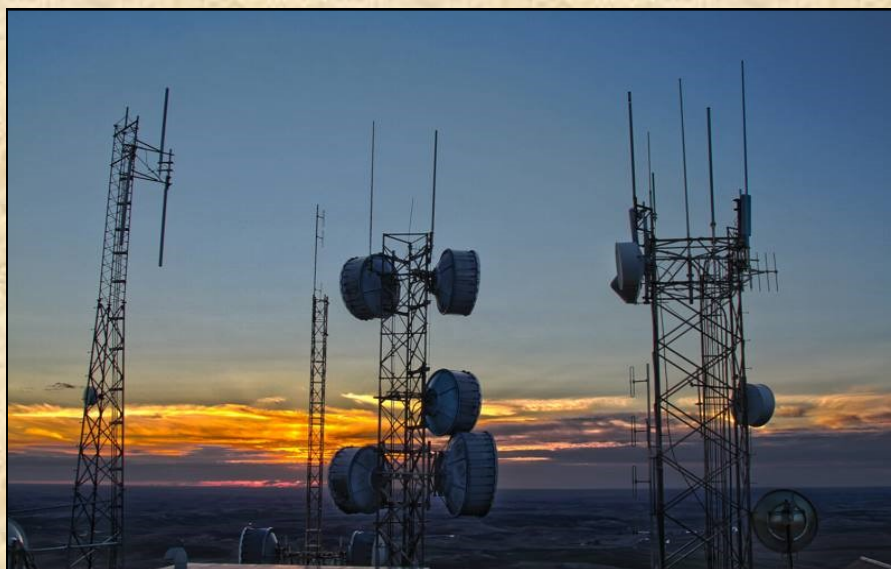
Please bring two pieces of identification, one having a photo, radio license, if any, plus a photocopy, & any outstanding Certificates of Completion, plus a photocopy, & Social Security number or FCC Registration Number (FRN), and cash or check made out to the "ARRL" (\$15) or "W5YI" (\$14). If you pass a lower class license, you may sit for the next highest class on the same exam fee. You may retake any failed exam for an additional fee at the same testing session

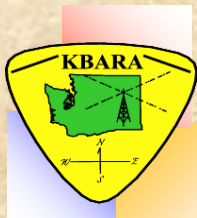


KBARA Repeaters and Echolink/IRLP

For more detailed information please see our web page at www.kbara.org

Frequency	CTCSS Tone	Location	Callsign	RF Link
Repeaters				
146.74 Mhz	None	Kamiak Butte	W7HFI	AK2O—223.90
223.90 Mhz	None	Stensgar Mtn	AK2O	Hub
147.38 Mhz	None	Mica Peak	W7OE	AK2O—223.90
147.36 Mhz	None	Stensgar Mtn	AF7JB	Hard wired Hub
147.02 Mhz	None	Lookout Pass	K7HPT	W7OE—147.38
147.28 Mhz	None	Pikes Peak	KD7DDQ	AK2O—223.90
53.75 Mhz	100.0 hz	Kamiak Butte	N7ZUF	Linked
145.19 Mhz	None	Elk Butte	KF7WOR	AK2O—223.90
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 & Ref 9075
147.400 Simplex IRLP Node 3282	100.0 hz	NW Spokane, WA	K1RR	IRLP Only





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 sites for more information:

<http://www.kbara.org> and visit <http://groups.yahoo.com/group/evergreenintertie>



Follow us on Facebook



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