

Summer
2015
Edition



KB7ARA
Kamiak Butte Amateur Repeater Association



2015 **ARRL FIELD DAY**

HAM RADIO)))

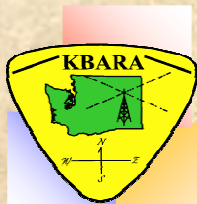
Valleyford Park June 27th and 28th

Field Day 2015 - By Glen K1RR

I would like to take some time and thank everyone who made Field Day 2015 a great weekend. We had 2 stations as well as a GOTA station this year. We were classified as a "2 Alpha" in Eastern Washington. Craig had the most extravagant setup, running HF/VHF/UHF from 2 solar panels. Mast was high in the sky with the VHF and UHF antenna, while the G5RV was about 70 feet in the air strung between 2 trees. Jim and Betsy brought another station running older but very nice Yaesu radio with a trap dipole. The station was powered by batteries charged from a generator. Also John brought out a CW only station, with the long wire up about 50 feet, keyer and auto-keyer running non-stop from the ICom radio. This station was also on battery power.

We got there about 9am on Saturday, and started setting up. Betsy and Jim were already there, and with the help of Jim's antenna launcher getting the antennas high in the air was easy. John W7OE set up under the picnic area, Craig and Debbie were out in the grass with a huge canopy giving them shade. Jim and I setup out in a different part of the field. As soon as we were set up, it was time for operating! People all over all the bands, one contact after another. The week(s) leading up to Field Day 2015 had not been great for propagation on the HF bands, but somehow, it's like the universe and sun decided to open it up for our big weekend! There was no shortage on people on the air to make contacts with. In the afternoon we decided it was time to take a break, and Betsy was on the grill. Had some really delicious hamburgers, with all the fixin's. Others brought side dishes and it turned out to be one heck of a lunch! It's really enjoyable to sit down with friends and have a little picnic at the park. After lunch people were back on the air making more contacts; although it was rumored that W7OE was caught taking a little cat nap on the grass.

As daylight faded away, most people went on their way except the die hards still making contacts. John KD7AAT was up in the twilight making contacts as well as Jeff KG7HZT and myself. It was a productive day, and we were tired. John retired in his tent, while I just grabbed a sleeping bag and slept on the picnic tables. As we dosed off for the night, we could hear Jeff still operating in the background! We got up around 6am, made coffee, and hit the airwaves again. As we scanned the bands, and made contacts the familiar phrase kept coming back to us: "Sorry you're a duplicate, Thanks old man!" ... which is a great feeling.



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We've nailed so many contacts we can't remember who we've talked to. As 7am came around, we all got together at the GOTA station, and checked in with Duff on the Roadrunner's Net. Duff was even nice enough to bring us some fresh donuts after the net; to replace what the ants had helped themselves to overnight. Then we got back on the air, and finished out the day.

Many people attended at different times both Saturday and Sunday, and it was sure nice to see familiar faces, as well as those that we have talked to but never had the chance to meet! We had a couple who was just interested in amateur radio because of their move to Nepal for missionary work stop by to see what it was all about. We also had Chris, W7CFN and his family come out. The two kids had fun making some contacts from the GOTA station. A lot of others came by, and checked out our operation. It looks like 35 people signed the guest book, which is a great turn out for Field Day. I really appreciate everyone's help and participation in this year's event! Here is how the final score(s) turned out for those that are curious. We did submit our scores, and should be published in the Field Day issue of QST magazine:

Call Used: N7LC GOTA Station Call: W7W ARRL/RAC Section: EWA Class: 2A

Participants: 35 Club/Group Name: Lilac City Amateur Radio Club

Power Source(s): Generator, Battery, Solar Power Multiplier: 2X

Bonus Points: 100% Emergency power: 200

Set-up in Public Place: 100

Information Booth: 100

W1AW Field Day Message: 100

Youth participation: 40 Youth operators=2 Youth participants=2

GOTA Bonus: 80 Submitted via the Web: 50

Total Bonus Points: 670

Score Summary:

Total QSOs 148 CW, 0 Digital, 189 Phone

Total Points 296 CW, 0 Digital, 189 Phone - 485 total, Claimed Score = 970

GOTA Bonus: GOTA Coach - Double Bonus Points

Craig Phillips, W7CDP 28 QSOs, 40 points

Debbie Phillips, (NONE) 31 QSOs, 40 points

Luc D'Amico, (NONE) 3 QSOs, 0 Points

Liam D'Amico, (NONE) 3 QSOs, 0 Points



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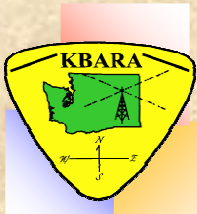
HAM RADIO



Craig and Debbie manning their station GOTA station. Debbie making on of her first VHF contacts. Craig feverously making 20 meter contacts trying to create more interference for Glen like he was for us.



John working CW. Glen, Jim and yes John boy working 40 meters interfering with the GOTA station on 20.



2015 ARRL FIELD DAY

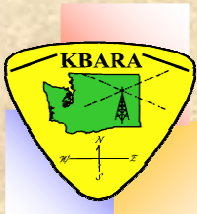
HAM RADIO)))



Glen concentrating on his 40 contacts. Chris, W7CFN and his grand son's operating the GOTA station.



Scott, KA7FVV helping Debbie with her first HF contact at the GOTO station.



A few words from our President



KBARA Members;

KBARA continues to be an active club with lots of activities. The activities include volunteers for Spokane Hamfest, KBARA table at the Mike and Key Show, 2015 Field Day at Valleyford and the Annual Meeting held in Oldtown. I also appreciate the members who have conducted seminars for several events, your efforts not only help KBARA but hams that attend the events.

The annual meeting will be July 24-26th in Oldtown, Idaho. Please check the KBARA.org web site for additional information. (Click on Meeting Flyer) Hope that you can make the annual meeting and camp out. This is a great place to hold this important meeting and remember the building has AC which makes even better with the current weather conditions.

Welcome, to all the new hams check into the nets and become a member of KBARA. You will find it a rewarding experience.

The Annual Meeting also includes the election of officers, members interested or who know hams who are interested in a position let the secretary know.

The newsletter before the annual meeting recognizes the club is successful because of the members and officers.

Scott KA7FVV-Vice-President publishes a high quality newsletter, his seminars and work with satellite communications.

Glen K1RR-Secretary, KBARA web master, owner of several repeaters and wears many hats in the club.

Betsy N7WRQ-Treasurer for her vigorous involvement in keeping the club on the right path towards excellence. She also has does an excellent job in lining up and informing people of testing sessions in the area. Betsy is very good at putting things together in tough conditions. She is the leader of the Spokane Hamfest.

John, W7OE-Technical Director, repeater owner for keeping the KBARA system running and repairing it in a timely manner

I would like to thank Mike K7EHT for his focus on KBARA nets. He has conducted several training seminars for our net hosts improving an already top notch group. Mike recognized this outstanding group with certificates for their efforts. Thanks again Mike.

Thanks to the Appointed Officials George W7ZVD, Craig W7CDP, and Mel KB7BTU.

As the President of KBARA, I feel humbled by KBARA members in general. You make KBARA a successful organization that serves the Northwest, Canada and Alaska communication needs. Thank you again.

73

Roger Krug KF7JJC
President KBARA



37th Annual HamOut and Meeting

July 24th through 26th

**147.400 simplex
talk in frequency**

Annual HamOut and Meeting will be held again this year at Rotary Park in Oldtown, ID. Thanks to our camp host, Daryl, KF7LWI and the popularity of the new location last year.

Meeting is on Saturday, July 25th at 1300 hrs and potluck to follow. If you wish to stay overnight you can arrive on Friday, July 24th.



Across the river from Newport is a nice park with a paved parking area that includes seven power hookups for trailers/RV's (no water hookups), great grassy area for tents next to an air conditioned building.

Directions: From Spokane take Highway 2 to Newport. Go through Newport and cross the river and take your first right then an immediate right into the park.

Scott, KA7FVV plans on arriving early to mid-afternoon on Friday and will be on 147.400 for simplex talk-in frequency.

SPOKANE HAMFEST

The American Radio Relay League

WASHINGTON STATE CONVENTION



September 26, 2015

University High School

12420 E 32nd Ave, Spokane Valley WA 99216

Admission \$5 (age 18 & under - FREE)

East entrance on 32nd Avenue

Hosted by 7 Amateur Radio Clubs:



Northwest
Tri-State ARO



**SEMINARS, DEMOS & DISPLAYS; SWAP & COMMERCIAL TABLES; RAFFLE & DOOR PRIZES;
REFRESHMENTS & FOOD**

Admission \$5

Age 18 & under FREE

Commercial Tables \$15

Admission not included in the price of table space

Swap Tables \$10.00

Admission not included in the price of table space

Friday, September 25

Vendor setup: 6PM-7:30PM

Saturday, September 26

Vendor setup: 7:30AM-9:00AM

Open to public: 9AM - 4PM

License Exam: 12PM

"Junque" Auction: 2:30PM

Raffle: 3:30PM

No-host Hamfest dinner: 5:00PM

Timber Creek Grill & Buffet

9211 E Montgomery Dr, Spokane Valley WA

Program Advertising

¼ page for \$25 to full page ad for \$100

License Exam Info

contact Mary, AA7RT

at (509) 991-2192 or aa7rt@arrl.net

Free off-street parking for cars & RV's

Starting Friday, September 25

Printing provided by:

The UPS Store

2910 E 57th Ste 5 (57th & Regal)

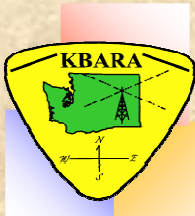
Spokane, WA 99223

509-448-6368

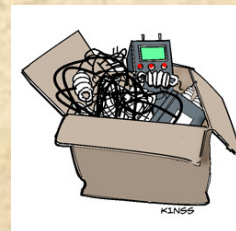
Thank you, thank you, UPS Store!!

The UPS Store





Up Coming Hamfests and Events



July 17-19. Glacier Waterton International Peace Park Hamfest. Glacier Meadows Campground, 13 miles west of East Glacier on MT Hwy 2. *This is an ARRL sanctioned event.* www.gwhamfest.org .

July 17-19. 6th Annual KUH Family BBQ. Springdale, WA. Contact Ray, (509)258-7078 cdknray@wildblue.net [Flyer in PDF](#). (400K)

July 18. Coos County Radio Club annual Hamfest and Swapmeet. North Bend, OR. [Flyer in PDF](#). (37K)

July 24-26. 37th Annual KBARA HamOut and Meeting. Oldtown, ID. Contact Scott, KA7FVV at ka7fvv@yahoo.com . [Flyer in PDF](#). (136K)

July 25. 17th Annual Pacific Northwest Ham Radio Tailgate Swapmeet. Lewis County Fairgrounds. *This is an ARRL sanctioned event.* [Flyer in PDF](#). (71K) Contact John Ellingson, K7OSK. k7osk@boatanchor.com . <http://www.cvars.org/>

August 7-9. 60th Annual Pacific Northwest DX Convention. Everett, WA. <http://pacificnwdxconvention.com/> [Press Release in PDF](#). (100K)

August 15. Fairbanks Alaska Hamfest. *This is an ARRL sanctioned event.* <http://www.k17kc.com/>

August 16. Antique Radio Swap Meet. Puget Sound Antique Radio Association. 9 AM to 1 PM. Shoreline Community College, Shoreline, WA 98155. Free admission. <http://www.pugetsoundantiqueradio.com/index> (Always the 3rd Sunday in August) [Flyer in PDF](#). (180K)

August 22. Annual Clark County Amateur Radio Club (CCARC) Ham Fair, Vancouver, WA. *This is an ARRL sanctioned event.* clarkcountyhamfair@w7aia.org or www.w7aia.org . [Flyer in PDF](#) (60k)

August 22. Highline Amateur Radio Club SwapFest. Des Moines, WA. Always the 4th Saturday in August. <http://www.highlinearc.org/swapfest.html> swapfest@highlinearc.org

August 30. Vancouver Island Ham Happenings. Duncan, BC. http://rac.eton.ca/events/detail.php?event_ID=1751 <http://www.cvars.com/>

September 11-13. 18th Annual Northwest APRS/Digital Summer Gathering. Valley Camp, North Bend, WA <http://valleycamp.org/> . Contact k7fo.thom@gmail.com

September 19. Magic Valley Amateur Radio Club Tailgate Swap Meet. Twin Falls Idaho. <http://www.k7mva.org/> Contact Bob@k7mva.org [Flyer in PDF](#). (200K)

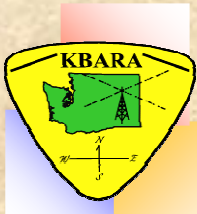
September 26. Washington State Convention (Spokane Hamfest) Spokane Valley, WA. *This is an ARRL sanctioned event.* <http://www.kbara.org/> [Flyer in PDF](#). (385K) Contact, Betsy, N7WRQ. n7wrq@aol.com (509)448-5821

October 4. Comfest. Delta, BC. http://rac.eton.ca/events/detail.php?event_ID=1703

October 10. Kitsap County Hamfest. Silverdale, WA. *This is an ARRL sanctioned event.* Contact Public Contact: Jim Nicolet , N7SYD, (360)874-0180. jim@nicolet.org <http://www.kcarc.org/> [Flyer in PDF](#) (236K)

October 10-11. Pacific Northwest VHF Society Conference. Issaquah, WA. *This is an ARRL sanctioned event.* <http://www.pnwvhfs.org/conference/2015/announcement.html> [Flyer in PDF](#) (30K)

October 17. Swap-Tober-Fest. Mid-Valley ARES. Polk County Fairgrounds, Rickreall, OR. Contact: Don Brusch, k7un@swaptoberfest.net . [Flyer in PDF](#). (54K)



Amateur Satellllite Update

by Scott, KA7FVV

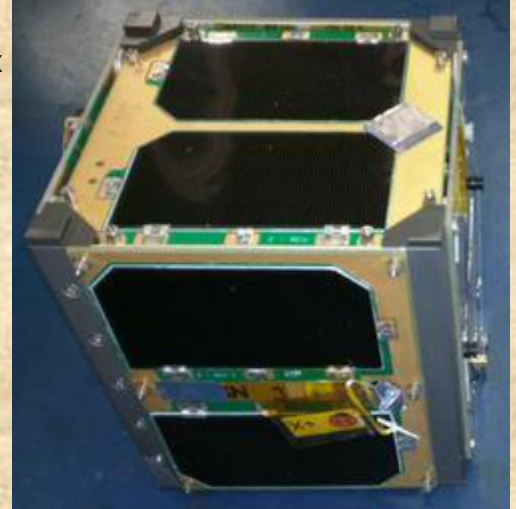


Fox-1A Launch Date now September

According to the Vandenberg AFB Launch Schedule on the Space Archive web site, updated on June 28th, the launch of Fox-1A has been pushed back to September 25th. Original launch date for what will be our newest FM satellite was August 27. This mission is NROL-55, National Reconnaissance Office Launch #55. Fox-1A is a replacement for AO-51 that gave the amateur satellite community great service for almost 8 years. Fox-1A has a U/v FM transponder on board.

Uplink: 435.180 MHz FM - **67.0 hz tone**

Downlink: 145.980 MHz FM



EO-79 & EO-80 (QB50p2) Transponders

EO-79 and 80 that have been in orbit for just over a year may have their transponders activated for general use in the near future. This information according to the ARRL Letter dated June 25th. EO-79 carries a linear SSB transponder that was successfully tested in April.

FUNcube inverting 400 mW SSB/CW transponder

Uplink: 435.035-435.065 MHz LSB

Downlink: 45.935-145.965 MHz USB.



EO-80 carries a FM transponder that was successfully testing in June at the 1.5 watt power level. According to the letter it could be activated at the .5 or 1 watt power level. Even at .5 watts it will be twice as strong as our only current FM satellite SO-50. EO-80 has a U/v transponder like Fox-1A.

Uplink: 435.080 MHz FM - **210.7 hz tone**

Downlink: 145.840 MHz FM



Amateur Radio Testing Sessions

Chewelah, WA, ARRL VEC

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

Colville, WA, ARRL VEC

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

College Place, WA. ARRL VEC

August 16, 2015; 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

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

Kennewick, WA, ARRL VEC

July 19, 2015; September 20, 2015; 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

August 12, 2015 8PM, LDS Chapel

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

Spokane, WA, ARRL VEC

August 15th, Noon, Outpost, Spokane Valley' September 26, Noon, Spokane Hamfest, University High School; October 17th, Noon, Outpost, Spokane Valley

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

Spokane, WA, W5YI VEC

August 18, 2015; October 20, 2015; 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

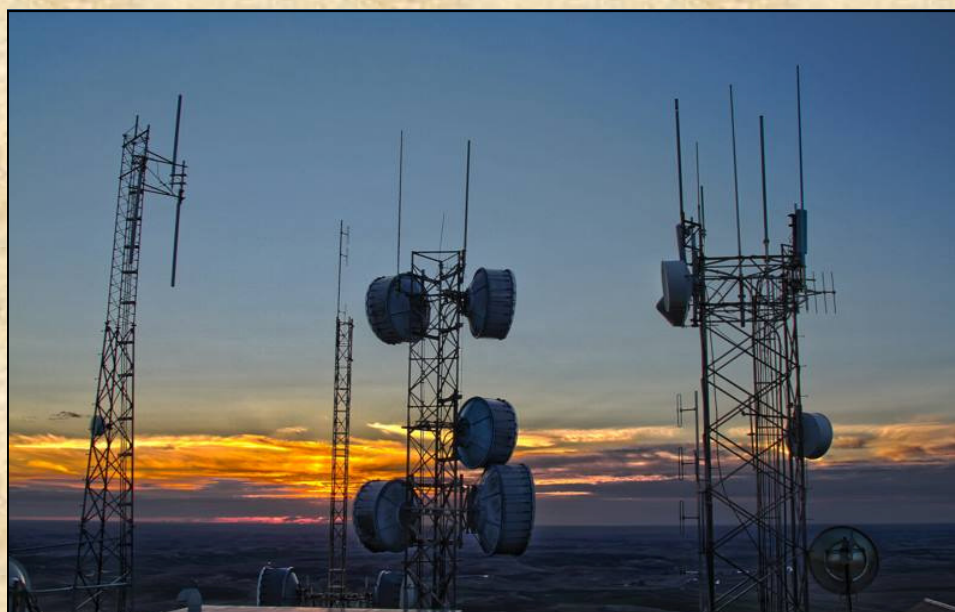
Please bring two pieces of identification, one having a photo, radio license, if any, plus a photocopy, & any outstanding Certificates of Completion, plus a photocopy, & Social Security number or FCC Registration Number (FRN), and cash or check made out to the "ARRL" (\$15) or "W5YI" (\$14). If you pass 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
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