

Join us for breakfast on Saturday Morning

Come see us at our breakfast social events every Saturday morning either at Perkin's at Division and Spokane Falls Blvd or at Frankie Doodles next to Dick's at Third Avenue and Division. Frankie's is the original KBARA breakfast spot. A group of us started going to Perkin's a couple years ago. We usually have anywhere from 10 to 15 show up at



Perkin's. It is a great social time with great friends. The last several weeks we have even been doing the Stanley Steamer Net from there using a great little self contained dual band radio reviewed later in this issue. Come join the weekend fun at either location.





A few words from our President

KBARA Members,

Happy New Year everyone. I hope the holidays treated you well and maybe found you a little richer in your inventory of radios. Winter is always a good time for indoor activities. Especially amateur radio.

With the New Year comes the time to renew your KBARA membership for another year. Please consider donating to our repeater fund that goes to support our great repeater system.

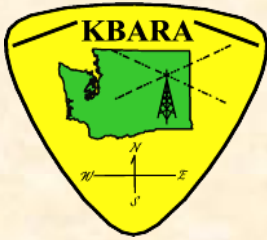
As spring and summer approach, hopefully sooner than later considering our winter, we have multiple events coming up.

I am starting to hear talk of the Puyallup Hamfest on March 5th. This is sponsored by the Mike & Key Amateur Radio Club and this is the 35th year. Please see the flyer later in this issue.

Field Day is the last weekend in June. This year falling on the 25th and 26th. Last year was a lot of fun even though the temperature was around 100 degrees. See John, KD7AAT's write up later in this issue.

KBARA Hamout and Annual Meeting, July 29th through 31st. We are once again at Rotary Park in Oldtown, ID thanks to our host Daryl, KF7LWI. Our meeting will be held on Saturday, July 30th at 1300. We are one week later than this year due to other activities at the park the previous weekend.

That is it for this issue. Talk with you on the radio.



A new radio acquisition

by Scott, KA7FVV

Links on my web page for reviews and further information, ka7fvv.net

Over the holidays I acquired a new compact Chinese radio I ran along on Amazon.

Tokemate VV-898S Backpackable Portable Dual Band VHF/UHF 25W two way radio Mobile Transceiver. 199 memory channels

This is a self contained radio package. The package I purchased came with the programming cable, antenna and wall charger. Radio is mounted in a nice metal housing that includes a 12 Ah battery. There is a power switch, fan and charging coaxial socket on the side of the case. Powered totally by the internal batteries. Specs claim it will run 4 hours at 25 watts with an 8 hour charge time. The radio performs great. This is the radio that we have used to do the net from Perkin's on Saturday mornings and have had nothing but good reports. Even with the supplied short antenna we were able hit 147.360 from Perkin's. Have been using a 5/8 wave VHF mag mount since our first trial with the supplied antenna. It is a great little go kit radio and is smaller than an Icom IC-706.

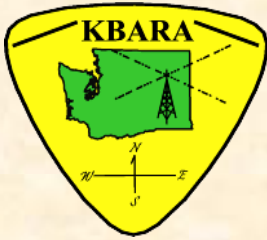


Programming is a little difficult with multiple steps to select frequency, offset and PL tone if needed. Using the supplied programming cable I tried the latest Chirp software that supports this radio and had nothing but issues. If a mistake is made in Chirp when entering frequencies the whole list clears. I as able to get some initial channels programmed then Chirp wouldn't read it's save file and would not read from the radio



channels. I never could get the Chinese programming software to talk with the radio. I ended up purchasing the RT Systems software and cable. Of course this was a breeze to use excellent programming software.

This radio is marketed under the names Leixen, Tokemate, Kdk, Mini VV-898, Luiton and Jetstream. It comes in both 10 and 25 watt versions.



Field Day 2016

by John, KD7AAT

Once again Field Day is fast approaching and this year it will be on June 25-26. Members of KBARA and anyone else who wants to participate will be setting up “emergency” remote stations shouting out across the states for contacts from Valleyford Park just south of Spokane. It’s time to get off the grid, use battery power, string antennas in trees and have a sharp pencil handy. The sound of gun fire (oh wait that’s Jim N7WRR) and his spud gun ball shooter with line attached to get the G5RV’s, dipoles and long wires up above the park is a site to see for sure. It’s all under canopies with tables, miles of wire/coax, batteries, power supplies, test equipment, extra fuses and the list goes on to keep the stations running all day and night. Sleep over is a must if you want to grab stations on the morning grey line or those “special ones” just working the day. Bring a tent, sleeping bag or just a pillow and sleep on the bench like Glen K1RR did last year. Myself I was in a nice cozy tent with air mattress and sleeping bag.

If you’ve never been to field day you need to come out, look, listen and grab a mic to make a contact. With all classes of licensed hams there you can use yours no matter what it is. Third party (you don’t have to have an amateur license) contacts are always fun.

Below is a link to get more info on field day from the ARRL.

<http://www.arrl.org/field-day>

Hope to see you in June.....

KD7AAT





Upcoming Hamfests and Events

Courtesy of N7CFO.com

February 20. Salem Hamfair & Computer/Electronics Swapmeet. Rickreall, OR at the Polk County Fairgrounds. ***This is an ARRL sanctioned event.*** <http://www.w7sra.com> . [Flyer in PDF](#) (550K) **Seller alert:** The registration package you receive in the mail may contain an error. Early versions said, "We look forward to seeing you on the 14th" This is incorrect - the correct date is the 20th.

March 5. Mike & Key 35th Electronics Show & Fleamarket. Puyallup fairgrounds exhibition hall, Puyallup, WA. ***This is an ARRL sanctioned event.*** <http://www.mikeandkey.org/flea.htm>

March 19. MicroHams Digital Conference. Redmond, WA. ***This is an ARRL sanctioned event.*** <http://www.microhams.com> .

April 9. Yakima Hamfest. Yakima, Washington. Selah Civic Center, 216 South 1st Street, Selah, WA. <http://yakimaamateurradioclub.com/yakima-hamfest/>

April 9 & 10. Communications Academy. South Seattle Community College, Seattle, WA. *This is an ARRL sanctioned event.* <http://commacademy.org/>

April 22. Idaho State Convention. Boise, ID. *This is an ARRL sanctioned event.* <http://voiceofidaho.org/> Contact: Larry Bickham , WA7ZZS. (208)453-1666, wa7zss@arrl.net

May 1. Maple Ridge Swap Meet. Pitt Meadows, BC. http://rac.eton.ca/events/detail.php?event_ID=1774

May 14. Stanwood Camano Amateur Radio Club Hamfest, Stanwood Middle School, Stanwood, WA. **[Note: This is a tentative date pending signing a contract in January. Check back to confirm the date!]** Contact: Fred Laun, w7pig@arrl.net <http://www.scarcwa.org/>

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

May 20-22. 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. 48th Annual Apple City ARC Hamfest. Apple City ARC. Dryden Gun Club. Dryden, WA. <http://www.qsl.net/w7td/> .

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

June 3-5. 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/ .

June 11. KARS Hamfest. Kootenai Amateur Radio Society. Post Falls, ID. Always the 2nd Sat in June. For information contact Bonnie, KG6QQM, 208-683-2939 or KG6QQM@ARRL.net or John, n7ju@arrl.net



ANNOUNCING THE 35th ANNUAL MIKE AND KEY ARC ELECTRONICS SHOW & FLEAMARKET



**MARCH 5, 2016 @ 9AM
PAVILION EXHIBITION HALL**



WASHINGTON STATE FAIRGROUNDS

110 9th Avenue SW, Puyallup, WA 98371

ADMISSION - \$9 (UNDER 16, FREE w/ADULT)

TWO FLOORS WITH 44,000 Sq FEET OF EXHIBITION AREA (>300 tables)

TALKIN 146.82/22 (PL 103.5)

RADIO GEAR * COMPUTERS * CLUB & INFO TABLES * PARTS

SNACK BAR * FREE PARKING * CONSIGNMENT AREA

OVERNIGHT SC/RV Camping Available * LICENSE EXAMS

Table Reservation Information: (253) 631-3756, ddmdink@gmail.com or n7wa@arrl.net
VE Exam Information: (425) 788 0452, ag7t@arrl.net

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CONTACT NAME: _____ CALL: _____ BUSINESS NAME (IF ANY): _____

ADDRESS: _____

CITY: _____ STATE: _____ ZIP: _____

TELEPHONE: () _____ E-MAIL: _____

REGISTRATION TIPS

REGISTER EARLY AS TABLES ARE ASSIGNED ON A FIRST COME, FIRST SERVE BASIS AS DETERMINED BY POSTMARK. SPECIFIC LOCATION REQUESTS ARE HONORED ONLY IF THE SPACE IS AVAILABLE. BE FLEXIBLE AND GET GROUP REQUESTS IN EARLY.

EXAMPLE ORDERS: 1 TABLE & 1 SELLER = \$33
1 TABLE & 1 SELLER & 1 HELPER = \$43
1 TABLE & 1 SELLER & 2 HELPERS = \$53
2 TABLES & 2 SELLER = \$66
1 BOOTH & 2 SELLERS \$128

Please note any location/group requests, special requirements, or additional information below:

QTY	DESCRIPTION	\$
	COMMERCIAL BOOTHS @ \$112 EACH SELLER/HELPER ADMISSIONS (NOT INCLUDED) (200 SQ FEET, 4 8'X30" TABLES, INCLUDED)	
	SELLER TABLES 8'X30" @ \$25 EACH SELLER/HELPER ADMISSIONS (NOT INCLUDED) (INCLUDES ACCESS TO ELECTRICITY)	
	SELLER ADMISSIONS @ \$8 EACH (LIMIT OF ONE (1) PER TABLE PURCHASED)	
	TABLE HELPER ADMISSIONS @ \$10 EACH (LIMIT OF TWO (2) PER TABLE PURCHASED) (LIMIT ONE (1) PER INFO TABLE)	
	BUYER DAY OF EVENT ADMISSIONS @ \$9 (HONORED @ 9AM, March 6th-SENT BY RETURN MAIL-NO ORDERS AFTER 02/20/16)	
	TOTAL ENCLOSED =	

(WALK-IN ONLY) Prefer to pickup Registration packet at Gold Gate NE corner of the Fairgrounds? Check Here ()

SELLER SETUP TIMES

MARCH 4 (FRIDAY) - 2PM TO 7:30PM
MARCH 5 (SATURDAY) - 5:30AM TO 8:30AM

MAKE CHECKS PAYABLE TO: MIKE & KEY ARC MAIL FORM AND PAYMENT TO DIANE DINKELMAN 22222 148TH AVE SE, KENT, WA 98042

ALL RESERVATIONS CONFIRMED BY RETURN MAIL (NO RESERVATIONS TAKEN OR CONFIRMED BY E-MAIL)

INFORMATION TABLE REGISTRATION PACKETS: WILL BE AT THE WALK-IN GOLD GATE UNLESS OTHERWISE REQUESTED. CHECK DRIVE-IN: ()



Amateur Radio 2 Day General License Class Offered



Where: Holy Trinity Lutheran Church at 26th and Pines, Spokane Valley WA

When: March 26th and April 2nd 2016 (this is a 2 day class) from 8:30 am to 3 pm (there will be a 60 minute lunch break each Day). Feel free to bring your lunch and eat in the classroom). There will be an optional test session at the end of class on the second day. The Class will start promptly at 8:30 am.

Class Requirements:

1. Print a color copy of the **General Class Syllabus (rev 1.02)** from the Inland Empire VHF Club Web Site at www.vhfclub.org (click the training tab on the left and then select **General training** link). Bring the Syllabus to the class. The class will be taught from the syllabus. Color printed and Spiral bound copies are available for about \$12 from the UPS Store at 57th and Regal on the South Hill if you do not want to print one yourself. Call ahead and ask for Mike, KD7GHZ who is the store manager or Richard KE7DQC at (509) 448-6368 to be sure they will have a copy ready for you.
2. Bring a simple calculator to do basic math functions. The Texas Instruments Scientific Calculator available from Office Depot for around \$12 is sufficient if you do not already have one. **Cell phone calculators are not allowed for the exam.**
3. If you plan to take the license exam you will need photo ID (Drivers License, student ID, Passport, credit card etc. with your name and photo) and a copy of your Technician license that you can leave with the test team. You will use your FRN number (on your Technician License) instead of your social security number on the license application and Exam page.

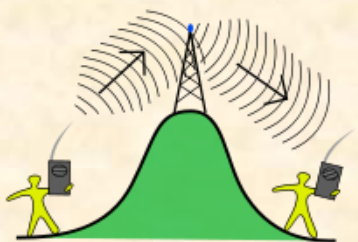
Cost: There is no cost for the class. There is a \$15 FCC/ARRL fee (pass or fail) to take the exam which will be offered at the end of the class

Instructor: Jack Tiley AD7FO, ARRL Certified Instructor, ARRL EWA Technical Coordinator, Vice President of the Inland Empire VHF Club, and Retired Electrical Engineer.

Registration required: If you wish to attend this class send an e-mail to Jack Tiley, AD7FO at ad7fo@arrl.net with your name, e-mail address and phone number. You will receive a confirming email in return once you are registered. Seating will be limited so please register early.

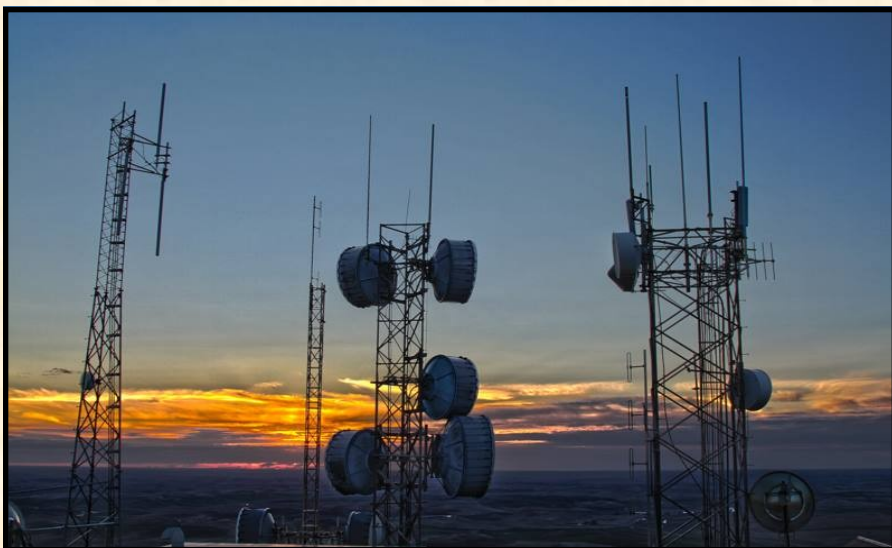


Amateur Radio
General License
Class March 26 and
April 2nd 2016



KBARA Repeaters and Echolink/IRLP Nodes

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





Please remember to renew your membership

Name: _____

Call Sign: _____

Address: _____

City/State: _____ Zip: _____

Telephone: _____ Amount Paid: _____

E-Mail: _____ ARRL Member #: _____

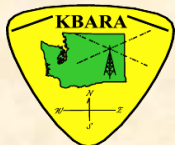
Would you rather receive the newsletter via computer, instead of receiving it in the mail? ____YES ____NO

Dues are a minimum of \$15.00 per year for individuals and \$20.00 for a family (all must be living at the same address). 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. And any additional amount going toward the Repeater Fund will be graciously accepted. To support **KBARA**, please send your contributions to:

KBARA, PO Box 30801, Spokane WA 99223-3013

Please visit our **KBARA** website for more information: [http: www.kbara.org](http://www.kbara.org) Also renew on our website with PayPal.

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