

# The PARC S-Meter

An Electronic Newsletter of the  
Panoramaland Amateur Radio Club  
PO Box 7  
Colville, WA 99114



Issued August 2014 Issue No. 55

Club Website: [www.qsl.net/k7jar](http://www.qsl.net/k7jar)

S-Meter e-mail: parcnews@hotmail.com

Club Repeater: Output 146.62 MHz; Input 146.02 MHz, No Tone

Next Meeting Saturday September 13th 2014

Meeting QTH is: **Evans Campground 11:00 am**

(Off Highway 25 North, like you are going to Northport)



**This is our annual club picnic; it is a potluck so bring your favorite dish!**

**CLUB NET:** Sunday Evenings 8:00p.m. Local

## The President's Corner

?



73's  
Tom Howe KE7TEG

## Announcements

### **Northwestern Division Scholarship Fund**

**For more information on the Scholarship or to make a contribution, go to  
<http://www.nwarl.wetnet.net/node/132> or contact your Section Manager.**

### **Volunteers needed for the Spokane Hamfest on September 27<sup>th</sup> 2014.**

Could you get the word out that we need volunteers for various things during Hamfest day. They can contact me if interested at N7WRQ@aol.com

Thanks again,  
Betsy, N7WRQ

# **Highlights from our August meeting.....**

**Attendance: 21**

Meeting was called to order by Tom KE7TEG, there was a quorum of officers present.

Introductions were made. Minutes of the last meeting were read.

**Treasurer's Report – \$8969.39**

**ARES** – Dave WD7K thanked members who participated in the Tiger-Tri, stating it was a very successful event. The next up coming events are The Salmon Day Run and Blazing Saddles Bike race which are September 20<sup>th</sup>. Washington State Emergency Net on Saturdays at 0900 and Mondays at 1850. He reminded everyone the need for volunteers to man the ARES bus at the fair.

**PARC Net** – George W7WBN reported that net coordinator schedule changes had been made and posted. CQ and QST donations for the fair had been collected. George added labels to each with the Club info on them.

**Board Report** - Bruce KC7H reported that "Things are going good." He thanked Ed KF7DVL for volunteering to be Secretary for the remainder of the year.

## **Old Business:**

Tom KE7TEG gave the Fair schedule as Thursday, Friday and Saturday from 9:00am to 6:00pm. There was a discussion about locking and unlocking of the ARES vehicle.

For setup – John KL7LL will bring a table and Jim WW7DD will furnish the pop-up canopy.

Dave WD7K suggested making the event a Stevens County Amateur Radio Emergency Services event. It was decided to make the event a more inclusive amateur radio event rather than just a PARC event.

Debbie KF7GUB made a poster of club events.

## **New Business:**

Next meeting will be our annual picnic at Evans campground on September 13<sup>th</sup>.

The meeting will start at 11:00 am, followed by lunch at noon. This is a potluck so bring your favorite dish hot or cold. There is electricity in the pavilion.

Jim Tills W7JWT has invited everyone to his place, on the river, after the picnic, to visit his radio room and relax and enjoy the view. He will give directions at the meeting, he lives just past Marcus on the river side of highway 25.

Meeting was adjourned.

Minutes respectfully submitted by: Ed Zeiser KF7DVL - Secretary

What a great time at the fair. The ARES bus went into position on the fairgrounds on Wednesday. Unfortunately we were under a power line so communications were virtually impossible. We did get a chance to speak with a few people, handout amateur radio information, offer back issues of QST, and promote cell phone connectivity to the Stevens County Sheriff's reverse 911 system.

Most folks don't think of an event like this as an exercise, but its official. I just turned in the emergency worker daily activity report. By the time we rolled out on Sunday afternoon we had logged 12 personnel, 96 hours, and 862 miles traveled to participate! Thanks to all of you. Thanks to Tom for the logistics and daily opening, and to Debbie-KF7GUB for preparing forms and an amazing photo essay/storyboard that showed lots of ham radio in action.

Tom-KE7TEG, David-KF7QEN, Jim-WW7DD, Larry-KR7LRJ, John-KL7LL, Jim-W7JWT, Michael-KF7SYS, Guy-N7YRT, Ed-KF7DVL, Tracie-KF7DRA, and Bert-KE7MAK.

Next event: The Blazing Saddles Bicycle Race on September 20th.

We will need about 6-8 people not sure of the times or locations yet. Stay tuned to your local repeater/net.

ARES Net is every Sunday at 7:45pm local. The Stevens County ARES net can be heard on the 146.620 repeater located SW of Colville on Monumental Mountain and, when linked, the 147.060 repeater (which has a PL tone of 77.0) located NW of Spokane on Lookout Point.

The Washington State Emergency Net (WSEN) – anyone with HF privileges is welcome (encouraged) to check in when Stevens County is called. Saturdays at 0900 on 3985 kHz and on Mondays at 1830 also on 3985 kHz.

**Dave Klimas - WD7K**  
**Stevens County ARES**  
**Emergency Coordinator**  
H (509) 738-6876  
C (509) 675-8843  
[wd7k@hughes.net](mailto:wd7k@hughes.net)





## PARC Sunday Night Net

Thanks for another great year on the PARC Sunday Night Net.

We had lots of good sessions and look forward to many more this New Year. During the long winter months we tend to have more participation, since more members and visitors are spending Sunday nights at home. Come on, get on the air and join your friends discussing club and other ham activities.

A special thanks to all the Net Control Operators who greatly supported the Sunday Night Net during 2013.

If you want to give your hand a try at Sunday night Net Control send George an e-mail at  
[audax@gotsky.com](mailto:audax@gotsky.com)

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## PARC BIO – August 2014 – sorry nobody stepped forward this month.

### Where is he?

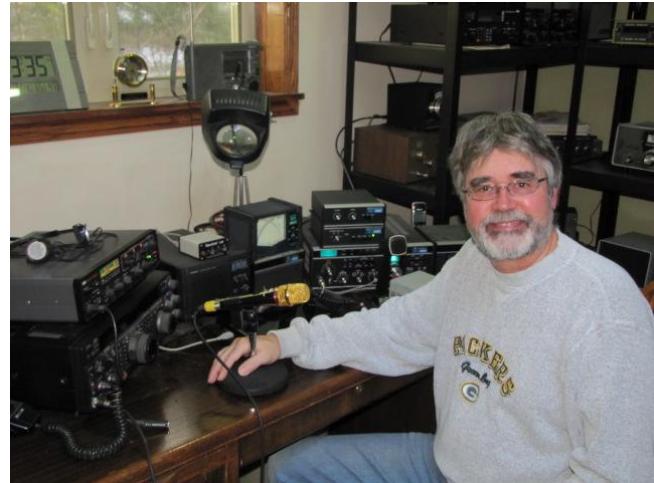
Alberto will leave Japan for good on September 6<sup>th</sup> 2014.  
He will get two weeks of R & R before reporting to  
Camp Pendleton California  
His Europe trip was a blast, (to quote him!)  
He managed to visit 9 different countries.

Mailing Address: CPL Gomez, Alberto

# The Radio Corner by Jim W7JWT

## The Zenith Trans-Oceanic

Starting this month and for the next several, I'm going to switch gears and discuss a different area of my radio collection. How many of you, when you were young, saw ads of the shortwave portable radio – The Zenith Trans-Oceanic? Do you remember the price? It was A LOT! I always wanted one, but I couldn't afford them. It wasn't until my middle age crisis that I finally got one. I was so enamored with their quality and history that I just had to have more. I eventually collected at least one of every model produced. I have restored some of them, but most are still awaiting the return to their glory days. This month I will provide their history. The technical information is from the book, *The Zenith Trans-Oceanic, The Royalty of Radios*, by John H Bryant and Harold N Cones. We'll get into details of the various models starting next month. Here we go---



For forty years, the Trans-Oceanic was a benchmark for the American electronics industry. In the "TO", science, technology and consumer acceptance came together to provide a product that so impacted society, the name is still recognized by radio enthusiasts everywhere. In spite of its high price, the "TO" is believed to have been the single most popular radio marquee produced during the first 50 years of radio.

Today, few people know that the "TO" was a direct out-growth of the lifestyle and shortwave broadcast interests of the founding president of Zenith, Commander Eugene F. McDonald, Jr. By the late 1930s, Zenith Radio Corporation was a giant in the new radio industry and Commander Mc Donald was one of America's wealthiest and best known men. He was a member of the "jet set" before there were jets and lived aboard his 185-foot yacht, Mizpah, moored most of the year near Zenith headquarters in Chicago. Well known for his Arctic explorations and for his leadership of Zenith, "The Commander" entertained world-renowned celebrities with cruises aboard the Mizpah and took many of them to his summer fishing camp on the Canadian shore of Lake Huron. Many of his radio designs were a direct result of his desire to maintain contact with the outside world while on his many cruises.

His initial development was in AM (medium wave) portables. His first AM portable was produced in 1924, but one would argue it wasn't truly portable. It was big and heavy, not the thing for an afternoon outing. But things began to change in 1939, when 1.5-volt filament tubes were developed which greatly extended battery life while providing quality comparable to the larger home radios. Loktal base tubes were introduced about the same time. The lock-in design meant tubes would not jar loose. Between less battery drain and tubes perfect for portables, both the dependability and portability of radios took a big step forward.

Among the first practical medium wave AM portables was the 1940 Zenith model 5G401, a luggage-styled radio with a fold down door. But as war clouds gathered in the late 1930s, the commander became more and more interested in hearing news directly from Europe while on his adventures. McDonald, long a shortwave enthusiast, charged his Zenith design team with creating a portable shortwave radio so that he could do so. Zenith engineers began development of a super-portable to meet his needs starting with a model 5G401 "right off the line." More than two years later and over twenty working prototypes later they produced the 1942 7G605 Trans-Ocean(ic) Clipper, the world's first all-band truly portable radio. To make tuning shortwave stations easier, it included "Bandspreads" for the various commercial shortwave broadcast band segments. This innovation made shortwave radio station tuning vastly easier. Although the Clipper was only produced for three and one-half months before the assembly lines were shut down for war production on April 22, 1942, it was wildly successful and became the first of a long line of Zenith Trans-Oceanic portables.

During World War II, all American radio manufacturers shifted their design and production capacity to the war effort. Few, if any, consumer radios were manufactured between 1942 and early 1946. By 1946, the pent-up demand for consumer products was enormous. This was especially true for portable radios, which quickly came to represent the new affluent and very mobile American lifestyle. The demand for Zenith's Trans-Oceanic was particularly strong. During the war, the exploits of the Trans-Ocean(ic) Clipper and its reputation as an almost indestructible radio had become widely known. In the post-war era, the "TO" became the darling of the international "jet-set", and the treasured companion of world travelers and armchair adventurers. Most "TO" advertising was positioned in the upscale Holiday magazine and in National Geographic.

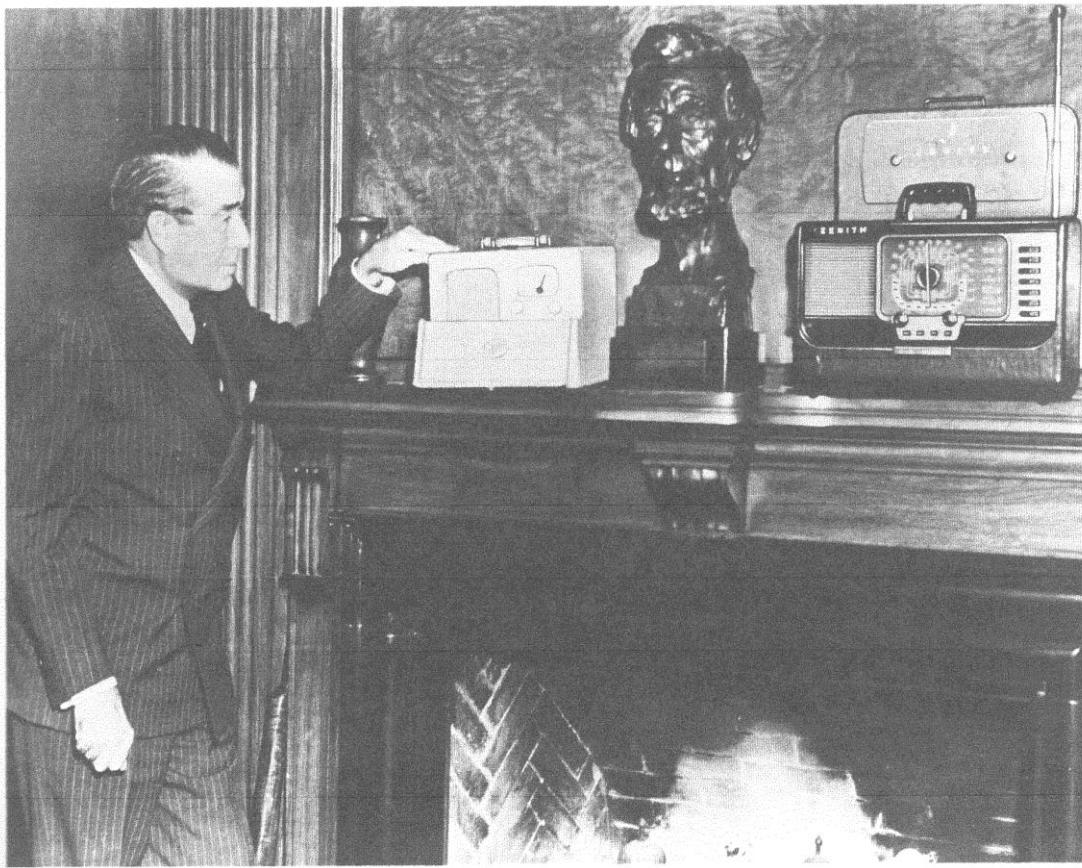
Until Commander Eugene McDonald's death in 1958, the Trans-Oceanic continued to be "his" radio. He was personally involved in the design and marketing of each model, supervising Zenith engineers and independent industrial design consultants as they developed subsequent "TO" models.

In the upcoming months I will get into the details behind the various Trans-Oceanic models. They were the most innovative portables in history. Until next month, keep those headphones on!

CUL & 73s Jim W7JWT



Screen star Myrna Loy and the Zenith model 5G401 portable radio for 1940. The chassis of the 5G401 formed the basis for the early shortwave portable prototypes which led to the Trans-Oceanic Clipper. Courtesy of Zenith.



Commander Eugene F. McDonald, Jr. admiring the precursor of the Trans-Oceanic, the 1940 Model 5G401 and the newly released Model H500 Trans-Oceanic, c.1952. Photo taken at the mantel in The Commander's office at Zenith headquarters.  
*Courtesy of Zenith.*

## Randy: There's your H500 on the mantle!

Here are pictures of my un-restored Model 5G401. Note the included "Wavemaget". It was designed to stick on to train and plane windows.





# *A thousand letters* WHICH BREAK OUR HEARTS

## LETTERS!

### —THE PILE IS GROWING—

—letters from Privates, Corporals, Colonels, Generals, Seamen and Admirals—from Wacs, Waves, Spars...from everybody...everywhere.

Their urgent pleas strike a universal note...they say in effect:

I know of only one portable radio that will do the work out here—they say, writing from Africa and Alaska...from Australia and the South Seas...from all over the globe—Only one...and that is your Zenith Trans-oceanic Short Wave Portable Clipper. My folks tell me they have tried everywhere to obtain one with no success. Can you help me?

...so these letters come to us.

To each request must go the answer "No"—an unwilling "No"—and our regrets that this must be so. We were over 200,000 sets oversold on this one model when

we ceased civilian production for 100% war work.

Nothing would please us better than to have a great plenty of these justly famous portables to ship to all who need them—especially at this Christmas season—when our thoughts turn to loved ones everywhere. For our Transoceanic Portables Clipper is a real friend to the men and women in the service. Those who managed to get them early feel themselves fortunate; they are the envy of their friends!

BUT THESE PORTABLES MUST WAIT. The entire Zenith organization is now engaged in giving all its efforts to the making of tremendous quantities of urgently needed radionics\* materiel for the armed forces. These things must come first—even ahead of the tender link with home which a personal radio provides for the fighting man far from friends and family. Thus we help to speed the day of "absolute Victory"—help to bring closer the next real American Christmas...with "Peace on Earth—Good Will to Men"...when families shall be reunited—and when home-life can once again resume the even tenor of its ways.

09/05/2014

**ZENITH**  
HIGH SOUND\* RADIO

**ZENITH RADIO CORPORATION**  
CHICAGO 39, ILLINOIS  
RADIONICS PRODUCTS EXCLUSIVELY  
WORLD'S LEADING MANUFACTURER

**RADIONICS** — with its subdivisions of Electronics, Radio, etc.

# Explore the World

WITH ZENITH SHORT WAVE RADIO

...the radio of explorers



PIONEERED AND PROVED IN THE ARCTIC  
BY FAMED EXPLORER ADMIRAL DONALD B. MACMILLAN

## Zenith's new super deluxe Trans-Oceanic® Portable Radio

Zenith Short Wave was first used in the Arctic in 1923, during the historic polar Expedition of Admiral (then Commander) Donald B. MacMillan. The Zenith Short Wave equipment carried by this Expedition enabled it to be the *first* in the Arctic to keep in constant contact with the outside world!

Again, two years later—while less than 12 degrees from the North Pole—the MacMillan National Geographic Arctic Expedition transmitted voice by Zenith Short Wave radio to the cruiser U.S.S. Seattle, sailing off Tasmania on the other side of the earth! From these pioneer Short Wave experiments, Zenith developed the first *practical* portable Short Wave radio!

You, too, can tune in the world with the Zenith TRANS-OCEANIC portable radio, or get the best long distance domestic reception on standard broadcast! Also covers international Short Wave bands, marine, weather and amateur Short Wave coverage bands, plus ship-to-ship and ship-to-shore reception. Students can tune in foreign lands and learn languages *as they are actually spoken!*

This fabulous Short and Standard Wave TRANS-OCEANIC radio operates on ships, trains, planes and in steel buildings. Tropically treated against high humidity to prevent loss of sensitivity. AC/DC or battery operated. In black stag, \$139.95\*; brown cowhide, \$159.95\*.

**IMPORTANT!** A Zenith battery-operated portable is as necessary in your home as a flashlight in case of power failure caused by air raid or other emergency.

ONLY ZENITH BUILDS  ®

QUALITY



The Royalty of RADIO and Television®

Backed by 36 years of leadership  
in radionics exclusively

ALSO MAKERS OF FINE HEARING AIDS  
Zenith Radio Corporation, Chicago 39, Ill.

\* MSRP—Manufacturer's suggested retail price not including batteries. Slightly higher in Far West and South.

# Keep in touch with Everything...from Anywhere

## ...WITH THE ZENITH "TRANS-OCEANIC" PORTABLE!

Owned by the "Who's Who" of the World.

Wherever you go, wherever you are, keep in touch with the world with this aristocrat of portables. It plays where other portable radios fail—in woods and mountains, on boats, trains, planes. And it is super-powered to bring you the programs you hate to miss—whether on standard broadcast from either coast or on any of 5 separate, international Short Wave bands. The detachable Wavemagnets (U.S. Patents 2164251 and 2200674) give it this amazing performance. The "Trans-Oceanic" is "Tropic-Treated" too, to make it humidity-proof in any climate. Works on long-life battery and AC or DC current. So smart you're proud to carry it. At Zenith dealers everywhere.

Less batteries \$12440\*



"Tropic-Treated" to defeat  
Humidity—radio's greatest enemy



### The "Zenette"† Vacation Sweetheart

So easy to pack or carry, you'll keep it with you constantly.  
Weighs only 5½ lbs.—yet it's powerful in volume—rich in tone.

Plays on self-contained batteries or on AC or DC  
current. Built-in Wavemagnet. Maroon, white or black  
plastic case, gleaming Roman Gold grille.

Less batteries \$42.45\*

†REG. U. S. PAT. OFF.

\*West Coast prices slightly higher.

Prices subject to change without further notice.



ZENITH RADIO CORPORATION, CHICAGO 39, ILLINOIS • 30 YEARS OF "KNOW HOW" IN RADIONICS EXCLUSIVELY

# 2014 Northeast Washington Fair

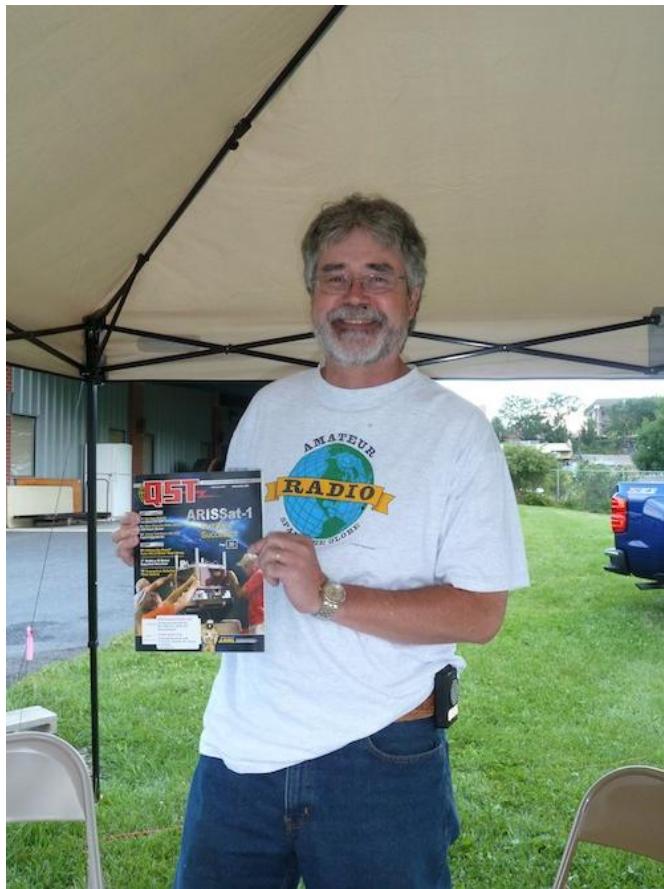
**ARES Vehicle and Ham Radio gets a spot in the Fair!**



**Larry KR7LRJ and Dave WD7K**

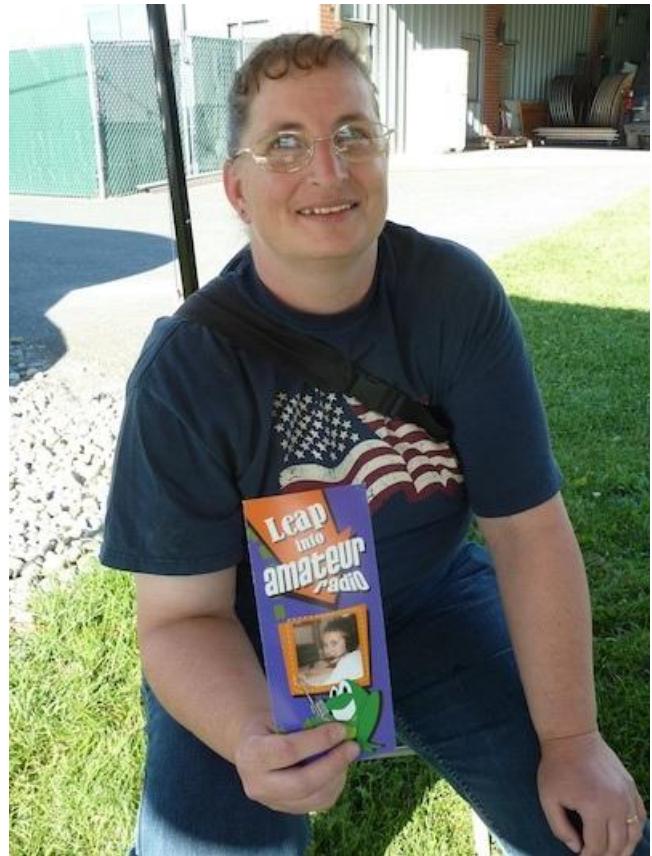
**Dave WD7K and Guy N7YRT**  
Taking in the beautiful day on  
their shift.





**Jim W7JWT and Tracie KF7DRA**

**Handing out QST Magazines and Club information**



**Lauren KL1LC checks out the ARES bus**





**John KL7LL, Jim W7WDD, and David KF7QEN**

Check out the inside of the ARES vehicle.

Happy Vistor!





Court shared his beautiful cut and polished rocks.



Courtney KE7ZDL and Lonna KF7DWG  
Lonna has some spectacular jewelry



Bruce KC7H  
Walks in the parade  
with Search & Rescue

# Calendar of Events – 2014

## September – 2014

- 1<sup>ST</sup> Labor Day last three day weekend before school starts!
- 6<sup>th</sup> Wake-Up QRP Sprint
- 6<sup>th</sup> Alberto home on leave
- 6<sup>th</sup> Peacemakers Autumn Harvest Quilt Show – Colville Community College
- 7<sup>th</sup> Sunday Night Net – Net Control Operator – Karl WX7DX
- 11<sup>th</sup> Patriot Day
- 13<sup>th</sup> ARRL September VHF Contest
- 13<sup>th</sup> **PARC Annual Potluck Picnic at Evans Camp ground 11:00am**
- 14<sup>th</sup> North American Sprint SSB
- 14<sup>th</sup> Sunday Night Net – Net Control Operator – Cynthia WW7CA
- 15<sup>th</sup> Cycle the Selkirk Loop – Six Day Bike Ride covering 350 Miles
- 19<sup>th</sup> There will be NO MEETING on Friday
- 20<sup>th</sup> Blazing Saddles Bike Ride and Chili Cook-off starting at Agri Center Colville
- 20<sup>th</sup> Veterans Stand Down – Colville Fair Grounds
- 20<sup>th</sup> Washington State Salmon Run
- 21<sup>st</sup> Sunday Night Net – Net Control Operator – Jim WW7DD
- 23<sup>rd</sup> First Day of Autumn
- 27<sup>th</sup> Spokane Ham Fest – Spokane Valley see flyer end of news letter
- 28<sup>th</sup> CQ Worldwide DX Contest, RTTY
- 28<sup>th</sup> Sunday Night Net – Net Control Operator – George W7WBN
- 28<sup>th</sup> Texas QSO Party
- 29<sup>th</sup> National Coffee Day



## October – 2014

- 1<sup>st</sup> Homemade Cookies Day
- 4<sup>th</sup> California QSO Party
- 4<sup>th</sup> Marcus Cider Fest
- 4<sup>th</sup> CHS annual fall Carnival with bingo!
- 4<sup>th</sup> Oktober Fest In Leavenworth begins and runs 3 weekends.
- 5<sup>th</sup> Sunday Night Net – Net Control Operator –
- 11<sup>th</sup> Pacific Northwest VHF Society Conference Seaside Oregon
- 12<sup>th</sup> Sunday Night Net – Net Control Operator –
- 12<sup>th</sup> North American Sprint RTTY
- 13<sup>th</sup> Columbus Day (observed)
- 18<sup>th</sup> Muskegon Color Tour Hamfest – Muskegon Michigan
- 19<sup>th</sup> Sunday Night Net – Net Control Operator
- 20<sup>th</sup> ARRL School Club Roundup
- 24<sup>th</sup> Moonlight Madness in downtown Colville – with the Halloween Kiddie & Pet Parade
- 25<sup>th</sup> CQ Worldwide DX Contest SSB
- 25<sup>th</sup> North Kitsap Amateur Radio Hamfest Bremerton, WA [www.nkarc.org](http://www.nkarc.org)
- 26<sup>th</sup> Sunday Night Net - Net Control Operator
- 31<sup>st</sup> Halloween - Hoot Owl



- Calendar of events will be an ongoing part of the news letter, submit your dates to [parcnews@hotmail.com](mailto:parcnews@hotmail.com)

ψ“Source: PNW Hamfair webpage at <http://www.n7cfo.com/amradio/hf/hf.htm>”



**SPOKANE HAMFEST**  
& American Radio Relay League

# WASHINGTON STATE CONVENTION

(pending ARRL approval)

**September 27, 2014**

**University High School**

**12420 E 32nd Ave, Spokane Valley WA 99216**

**Admission \$5 (age 18 & under – FREE)  
East entrance on 32<sup>nd</sup> Avenue**

Hosted by 7 Amateur Radio Clubs:



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

\*\*\*\*\*  
**Admission \$5**

Age 18 & under FREE

**Commercial Tables \$15**

\$12 if paid before September 6

Admission not included in the price of table space

**Swap Tables \$7.50**

\$5.00 if paid before September 6

Admission not included in the price of table space

**Friday, September 26**

Vendor setup: 6PM-8PM

**Saturday, September 27**

Vendor setup: 8 AM

Open to public: 9AM – 4PM

License Exam: 12PM

“Junque” Auction: 2:00PM

Raffle: 3:00PM

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**

Beginning Friday, September 26



## SPOKANE HAMFEST 2014 REGISTRATION

Name \_\_\_\_\_ Call Sign \_\_\_\_\_

Address \_\_\_\_\_

Phone number/E-mail address \_\_\_\_\_

Registrations @ \$5 each	\$ _____
Age 18 & under free	
Commercial tables @ \$15.00 each	\$ _____
\$12 before 9/06/2014	
Admission not included in the price of table space	
Swap tables @ \$7.50 each	\$ _____
\$5.00 before 9/06/2014	
Admission not included in the price of table space	
<i>Tables available while they last</i>	
Total	\$ _____

Please make checks payable to:

**SPOKANE HAMFEST:**

**PO Box 2552**

**Spokane WA 99220-2552**

Prepaid registrations will not be mailed -- they will be held at the ticket table, available for pickup beginning Friday, 9/26/2014, from 6 PM – 8PM.

**For additional information contact:** Betsy Ashleman N7WRQ

509-448-5821

E-mail: [n7wrq@aol.com](mailto:n7wrq@aol.com)

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

The **SPOKANE HAMFEST** is an annual event hosted by seven Amateur Radio clubs: The Inland Empire VHF Radio Amateurs, Kamiak Butte Amateur Repeater Association, Northwest Tri-State ARO, Spokane DX Association, Palouse Hills ARC, University High School ARC, & Panoramaland ARC.

