

The

# Call Letter

September 2019

Vol 45, #9



**Harley Perkins, Our First President**

# The Northwest Vintage Radio Society

Post Office Box 82379  
Portland, Oregon 97282-0379

The Northwest Vintage Radio Society is a non-profit historical society incorporated in the State of Oregon. Since 1974 the Society has been dedicated to the preservation and enjoyment of "Vintage Radio" and wireless equipment.

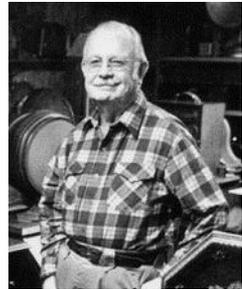
Membership in the Society is open to all who are actively interested in historic preservation. The dues are \$25.00 for domestic membership, due on January 1st of each year (prorated quarterly).

The Call Letter has been a monthly publication since 1974. It was originated with the founder, Bob Bilbie, and our first president, Harley Perkins. Through several editors and with the assistance of numerous society members, the Call Letter has continued to be a publication that informs members of the society's business and that supports the hobby of collecting, preserving, and restoring vintage radios.

Society meetings are held the second Saturday of each month at the Abernethy Grange Hall at 15745 S. Harley Ave. in Oregon City, Oregon. They convene at or about 9:30 AM for the purpose of displaying radios, conducting Society business, and exchanging information. Guests are welcome at all Society meetings and functions (except board meetings).

Other Society functions include guest speakers, auctions, radio shows, and radio sales which are advertised in the Call Letter and are held in and around Portland.

With each issue of the Call Letter, we remember Jim Mason, a charter member of the society who remained active until his death in 1999. A generous bequest from Jim's estate ensures the vitality of the Northwest Vintage Radio Society, and continued publication of the Call Letter.



## Society Officers

President	Pat Kagi 360 909-7009	<a href="mailto:patkagi@yahoo.com">patkagi@yahoo.com</a>
Vice President	Franklin Ouchida	<a href="mailto:crazykeychains@gmail.com">crazykeychains@gmail.com</a>
Treasurer	Ed Tompkins (360) 573-3895	<a href="mailto:edtomp@Q.com">edtomp@Q.com</a>
Recording Sec'y	Liles Garcia (503) 649-9288	<a href="mailto:landn2@frontier.com">landn2@frontier.com</a>
Corresponding Sec'y	Mark Moore (503) 286-5224	<a href="mailto:mark@pdxhistory.com">mark@pdxhistory.com</a>
Board member at large	Mike McCrow (503)730-4639	<a href="mailto:soundmikey14@gmail.com">soundmikey14@gmail.com</a>
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## On the Cover

**Harley Perkins, our first President**

Photograph by Don Hanson

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## Announcements

**NWVRS Fall Radio Show & Sale - Sat. October 12 – See page 5 for details**

**September Meeting** will start at 9:30 AM on Saturday, Sept. 14

**September Monthly Feature** is Standalone Speakers

**September Tech Talk** will be presented by Sonny Clutter

**Annual Trash Bash** will be held September 14, 2019. Bring your electronic trash and take home electronic treasures starting at 8:30am. Leftovers will be taken to Metro for recycling.

**Leads and Needs** - The Swap Shop has returned to the Call Letter. Member ads are free and can either be permanent or temporary.

**Editor’s Note** - Please have October Call Letter contributions in by Sunday, Sept. 29. Articles & Ads welcome (Tube labels too).

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Visit our web site at:

[www.nwvrs.com](http://www.nwvrs.com)

Find us on Facebook:

[www.facebook.com/nwvrs](http://www.facebook.com/nwvrs)

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## Note from President Pat Kagi

The club lost our Archivist in August, so we desperately need someone to take up that responsibility and store two small cabinets in a safe and dry storage. We are still looking for an individual to become the next archivist and another person to store the electrical cords and outlets used for the spring and fall radio shows.

There will be a small auction after the meeting and special goodie bags from Bruce Baur.

If someone needs a night out, you should attend the Tesla live vintage radio shows. The next one is Friday October 11th. Tesla City Stories - 3439 NE Sandy BLVD. #317, Portland, OR 97212 503.752.3850 [www.TeslaCityStories.com](http://www.TeslaCityStories.com) Jerry Chrisman - Executive Producer

Benefits for being a NWVRS club member:

- 1: Monthly meetings with a great group of individuals passionate about antique radios. Meetings include social times, low cost coffee and donuts, technical talks, guest speakers and a show and tell presentation. Remote viewing and participation for those who cannot attend is available through YouTube.
- 2: Schematics for radios and other electronic devices, access to the NWVRS Library and the NWVRS Archives.
- 3: Free tube testing and access to low cost parts and supplies.
- 4: Mentoring on how to repair and fix your own radios.
- 5: Informative monthly newsletter filled with articles, useful information, free ads plus complementary publications from other antique radio clubs.
- 6: Yearly events such as a spring and fall radio swap meets, summer picnic with free lunch, Electronic Recycling Day to unload or pickup unwanted electronic equipment and a Christmas party.
- 7: AM radio station where you can purchase or build your own transmitter and listen to your radios anywhere in your home using input from a phone, laptop, notebook, CD, DVD or other devices.
- 8: NWVRS email groups and NWVRS Facebook to participate in collaboration and discussion amongst the NWVRS club members as well as sharing stories, photos and videos.
- 9: Special relief subsidies and TriMet Lift assistance is available for those financially or physically challenged.

10: NWVRS hosts many auctions throughout the year where there are no buyer's fees or reserves. For selling items, club members only pay a 20% commission. (Donation)

Please enjoy the auction today as there will be a lot of items from Free Geek and also donations from the Summer Picnic.  
The next Trash Bash will be September 14, 2019.

Pat

### **Note from Vice President Franklin Terry Ouchida**

September Feature: Stand Alone Speakers / Tech Talk: Sonny Clutter  
November Feature: Clock Radios / Tech Talk: Sonny Clutter  
Please submit your Nominations for the Feature of the Month for 2020.

We need you! We need your Help. Sign up for a committee.

Members needed for committees (or just willing to help):

Radio Sales Coordinators (Swap meets, Auctions, Sales): Robbie Robinson, Dan Howard

Christmas Party Coordinators (Plan, help, setup Christmas party): **none**

Makers Fair Coordinators Pat Kagi, Franklin Ouchida, Mike McCrow, Liles Garcia (Free admission and T-shirt)

Prize Coordinators Franklin Ouchida (Door prizes, drawings, features)

Tube Coordinators (Tube Testers & Tube of the Month): Mike McCrow, Damon Vandehey

Save the BS' project (Battery Sets, Battery Eliminator, and T-shirt):

Blake Dietze, Franklin Ouchida

Live Stream Coordinators Franklin Ouchida (Web site, YouTube Live streaming): **none**

The purpose of the committees is to provide a growing fan club.

It is your club help make it the best it can be.

Please let me know if you are willing to help out our committees

Franklin Ouchida (971)407-8108 [FO1963@gmail.com](mailto:FO1963@gmail.com)

## **NWVRS Meeting Minutes--August 10, 2019**

President Pat Kagi called the meeting to order at 9:30 AM. All present pledged allegiance to our nation's flag.

Announcements:

Damon needs a Magnavox table-top radio.

Pat has plastic drawers available for a cabinet.

Blake Dietze updated the group on Galen Feight's estate. He will need some help with moving items from the house.

Franklin said that U-Tube recordings of our meetings are available. He is looking for new equipment for the recordings.

We need someone to store a 4-drawer file cabinet of our Society's archives.

Jerry Chrisman told the group about the Tesla Radio Theatre.

The minutes of the June meeting were approved as printed in the July Call Letter. Our Treasury is doing well. Our annual "Trash Bash" will be at our September meeting. Rick Ryan and Pat will investigate getting a park bench for the Grange grounds. The Program Topic for today is "Regenerative Radios." Members showed and discussed the radios that they brought. Dick Howard won the award for the "Best Radio Display." George Kirkwood gave a Tech Talk on "Regenerative Radios." Members gave George around of applause for his excellent Tech Talk. Next month's Program Topic will be "Standalone Speakers." There was an auction of radios and test equipment at the end of our meeting.

Recorded by Secretary Liles Garcia

## Calendar of Events

**September 21. N7YRC Tailgate Swap and Shop.** Yakima County EOC parking lot, 2403 S 18th Street, Union Gap, WA. *This is an ARRL sanctioned event.* [Flyer in PDF](#). (176K) Contact: Rod Rath, KC7VQR: [rrath@charter.net](mailto:rrath@charter.net)

**September 28. Washington State Convention (Spokane Hamfest),** Spokane Valley, WA. (Always the 4th Saturday in September) *This is an ARRL sanctioned event.* [Flyer in PDF](#). (674K) Contact Jake McCarty, KI7QPJ, (509)919-7202, [Treasurer@VHFclub.org](mailto:Treasurer@VHFclub.org)

**October 11. Pacific Northwest VHF Society Conference.** Issaquah, WA. *This is an ARRL sanctioned event.* <http://www.pnwvhfs.org/conference/2019/announcement.html>

**Sat. October 12 - NWVRS Fall Radio Show & Sale - 10:00 AM - 2:00 PM**  
**Canby-Aurora VFW Post 6057 – 21510 Main St. NE, Aurora OR 97013**  
**To reserve a table or get more info call Robbie Robinson 503 810 0565**  
**Free Parking / Free Admission – see our website [www.nwvrs.org](http://www.nwvrs.org) for info**

**October 12. Kitsap County ARC Hamfest.** Bremerton, WA. *This is an ARRL sanctioned event.* [hamfest@kcarc.org](mailto:hamfest@kcarc.org) <http://www.kcarc.org/>

**October 19. Swap-Tober-Fest.** Mid-Valley ARES. Polk County Fairgrounds, Rickreall, OR. [www.swaptoberfest.net](http://www.swaptoberfest.net) [Flyer in PDF](#). (71K)

November 3. Maple Ridge Swapmeet. Pitt Meadows  
BC. [https://secure.eton.ca/rac/events/detail.php?event\\_ID=2034](https://secure.eton.ca/rac/events/detail.php?event_ID=2034)

February 15, 2020. Salem Hamfair & Computer/Electronics Swapmeet. Rickreall, OR at the Polk County Fairgrounds. *This is an ARRL sanctioned event.* <http://www.w7sra.com> .

March 7, 2020. Mike & Key 39th Electronics Show & Fleamarket. Puyallup fairgrounds exhibition hall, Puyallup, WA. <http://www.mikeandkey.org/index.php>

March, 21 2020. (Tentative Date) MicroHams Digital Conference. Redmond, WA. <https://www.microhams.com>.

# KGW FM

By Art Redman

## KGWFM—Thursday

- 3:00—So This Is FM
- 3:15—News of the World
- 3:30—Xavier Cugat Orchestra
- 3:45—H. V. Kallenborn
- 4:00—O. K. for Release
- 4:15—Arlane Trio
- 4:30—Stars of Today
- 4:45—Goldman Band
- 5:15—News
- 5:30—The Jumping Jacks
- 5:45—Elmer Petersen
- 6:00—Dinner Music
- 7:00—Szath Myrl Orchestra
- 7:15—Fleetwood Lawton
- 7:30—Music of the Islands
- 8:00—News
- 8:15—Novatime
- 8:30—Noah Webster Says
- 9:00—Dance Music
- 10:00—Richfield News Flashes
- 10:15—Talking of Sports With Ray Kimbell

KGW FM Schedule from The Oregonian) - May 9, 1946 - page 11

KGW FM Portland, the first commercially operated frequency modulated radio station, went on the air on May 7, 1946. The frequency was 95.3 MHz with 250 watts of a temporary power broadcasting from 3:00 to 10:30 pm. KGW announcer Bob Franklin won the “first honors” by drawing straws.

“Good afternoon,” said Franklin. “You are listening to KGW-FM, the first Frequency modulated station to in the Northwest”. Then he read a local newscast and played some recorded music.

The audio frequency response was limited to 8000 KHz because of the weak telephone link from the studios to the broadcasting transmitter located in a one-room shack atop Healy Heights. The only FM set available to the KGW executives was a pre-war Scott with a new converter selling at the Meier and Frank store in Portland for a total of \$984.35.

KGW radio engineers bought a Hallicrafters Model S-27 UHF Communication receiver to monitor the FM station the previous day. Other than those two radios, the only FM receivers available to Pacific Northwest listeners during May 1946 were some estimated 600 pre-World War II Capeharts, Scotts, and Philco Model 42-1015 all requiring a new 88 to 108 MHz converter selling for \$10.00. McNaughton's Records at 1216 Main Street, Milwaukie offered conversion for pre-war FM receivers to the new higher bands.

The Scott Model 800B Radio Phonograph in a Chippendale cabinet was advertised in Radio and Television Retailing during September 1946, available at Meier and Frank during November for \$1057.60. Adaptable for television a feature not needed in Portland until 1952 when KPTV went on the air. Also selling at Meier and Frank was the Freed-Eisemann FM Radio –Phonograph Combination set at \$546.85.

Within one year of its' first broadcast, KGW FM increased power to 5100 watts while FM receiver set owners grew to 5,000 households in the Greater Portland area.

Sources:

“Behind the Mike”, The Oregonian, May 7, 10, 1946, page 12.

“Radio Station Has Birthday,” The Oregonian, May 7, 1947, page 15.

**FM—We convert prewar FM sets to the new band. McNaughton's—Milwaukie.**

Frequency converter ad from The Oregonian - May 31, 1946 – p. 20

One of the World's Finest  
**RADIO-PHONOGRAPH  
 COMBINATIONS**

Featuring F. M. and exclusive With Meier & Frank Co.



Immediate delivery on the new

**FREED-EISEMANN  
 RADIO-PHONOGRAPH**

**\$546.85** INVESTIGATE OUR TERMS

A revelation to hear! 20 tubes, including rectifier, furnish a reserve of power. Has two speakers and double tone control for treble and bass. Standard broadcast, frequency modulation (FM), and foreign station reception. Automatic record changer plays 10" or 12" records. Regency style cabinet in mahogany.

RADIOS—SIXTH FLOOR

*Meier & Frank Co.*  
 Portland's Own Christmas Store

Just imagine the thrill  
 of having this new

**SCOTT**  
 RADIO PHONOGRAPH

in YOUR Home!



People who want the very finest radio reception and reproduction of recorded music . . . people who cherish fine woods and admire fine workmanship . . . will consider the purchase of this new Scott radio-phonograph as an investment in better living. This precision instrument will be welcomed in the home for what it really is . . . a marvelously ingenious method of hearing radio and records without any distortion whatsoever . . . as a fine piece of furniture. Because the quantity is necessarily limited, we suggest that you come in without delay and request a demonstration. Scott is exclusive with us in Portland. Immediate delivery.

The Scott, and only the Scott offers you all of these advantages: A beautiful Chippendale mahogany cabinet enclosing a chassis constructed by master craftsmen. Twenty-four tubes to give fine reception on the 540 to 1600 k. c. broadcast band, the 88 to 108 megacycles in the frequency modulation (FM) band, and 5.8 to 18.2 megacycles (including 16, 19, 25, 31, 35, 40 and 49 bands) in the short wave band. The automatic phonograph plays 10 records (10", 12" or intermixed). This Scott is of course adaptable to television. \$1057.60. Exclusive with us. Investigate OUR terms. Immediate delivery.

RADIO HEADQUARTERS—SIXTH FLOOR



*Meier & Frank Co.*  
 Portland's Own Christmas Store

# Monthly Feature – Regenerative Radios

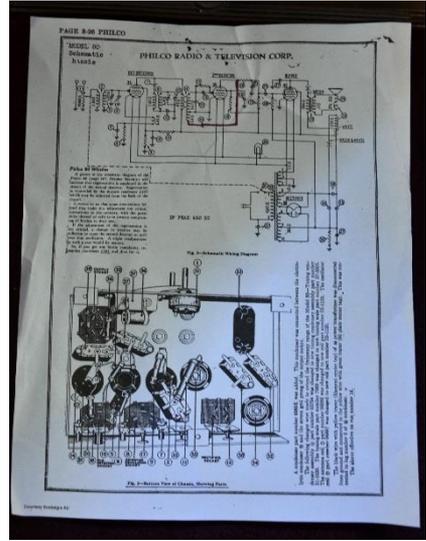
Photography and notes by Don Hanson



Alan Shadduck – RCA / Westinghouse Aeriola Sr. (1921-22) on left and Crosley 51 (1924) on right



Roger Brown – Homebuilt 2-tube regen using a 6SL7 and 12V6



**Mike McCrow – Philco Model 80,  
the August “Radio From Hell”**





Clarence D. Tuska  
1916

Tuska Radio  
Receiving Set

Type 300  
ca. 1924

CD Tuska Co  
Hartford CT



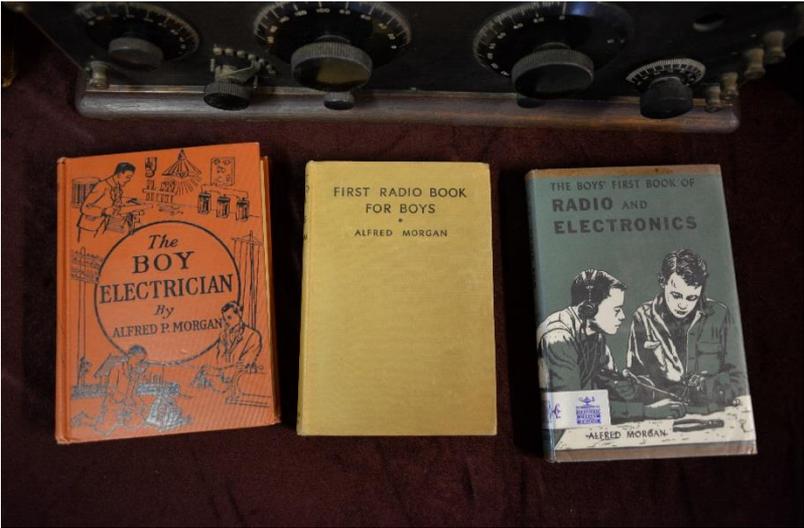
**Tuska Tickler**

THE C. D. TUSKA CO.  
Hartford, Conn.

"Turn your set  
into a regen..."  
1920

**Dick Howard – Clarence Tuska  
(ARRL Founder) WWI 3-tube  
regenerative battery set, 1921**

Dick Howard – Paragon RD5 and Alfred Morgan books, 1921

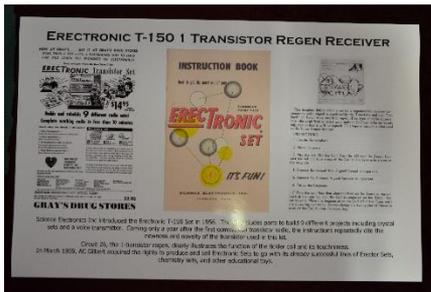




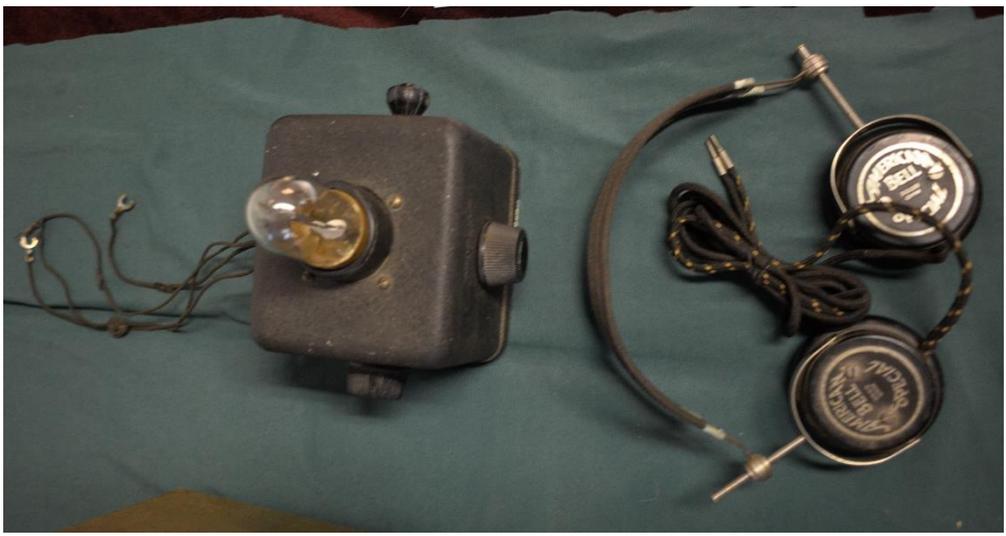
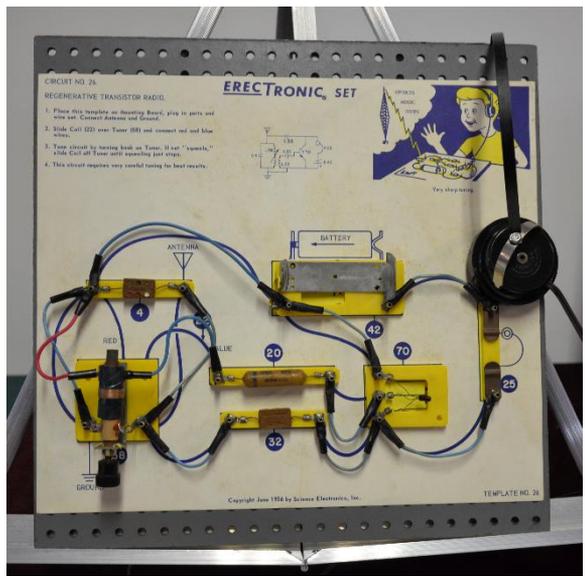
American Radio and Research Corp  
 SE-1420 model C circa 1919  
 US Navy medium wave regenerative receiver  
 (40 KC to 1200 KC)  
 Designed at the Radio Test Shop,  
 Washington Navy Yard

**Dick Howard – SE-1420C  
 American Radio Research Co.  
 Hazeltime Design, 1918 or 19  
 Design was used for 20 years  
 Original VT-1 tube**





**Dan Howard – 1956 transistor regen radio kit for young people**



**Blake Dietze – 1922 Crosley Pup, original tags and phones, book cap, crackle finish**

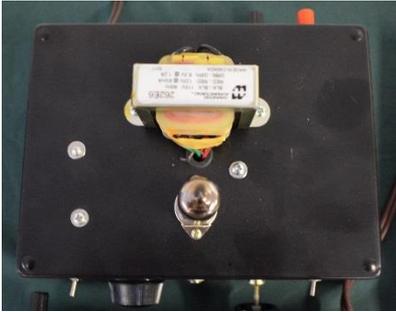


**Joe Beseda – 1938  
Sargent Model 10 pre-  
production regen from  
military class - used to  
monitor Japanese during  
WWII (above)**

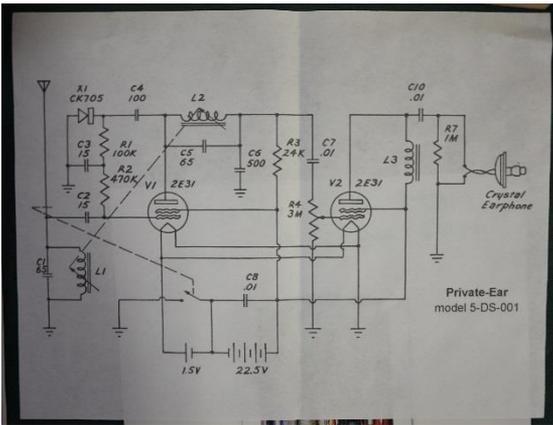
**1969 Knight Space Spanner-  
all original (right)**



**Oz Osborne – Knight-kit Space Spanner two tube homebuilt regen**



**Oz Osborne – 1-tube “Bottom Scraper” VLF regenerative - uses a 19kc TV horizontal oscillator coil**



**Sonny Clutter – Private Ear 2-tube**



## Radiolaguy's Monthly Showcase - Unusual GM Tuner/Adaptor



**September 2019**

### **General Motors Unusual Tuner/Adaptor**

<http://radiolaguy.com/Showcase/RadiolaguyMonthlyFeature-9-19.htm>

### **Swap Shop**

**Ads are free and can be permanent, or 3-month, with an asterisk added each month for tracking. Contact editor to extend.**

**Please contact the following members to be trained in Radio Repair**

Bruce Baur	503 708-4537	Milwaukee
Blake Dietze	360 944-7172	Vancouver
Mike McCrow	503 730-4639	Aloha
Sid Saul	503 869-5280	Hebo
Ed Tompkins	360 573-3895	Vancouver

----  
I wish to purchase a 1942 Portable radio as pictured. Please contact me at 360 695-6349 or (C) 360 989-5981. The Model # is 985866. The radio is ID'd by the Model # and the GM under the dial. - Ray Holland \*\*



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Three items that I wish to sell:

Tube Tester EICO Model 667 great condition \$75.00.

RCA Radiola 18 cab excellent all tubes test good \$90.00. I never powered it up. Swiss Chalet novelty radio mfg. by Empire Designing Corp. New York - needs work \$45.00. John Bucholtz 360-693-7135 or bucholtz3049@comcast.net. \*\*



**Reliving Radio** entertains those who remember the **Way Radio Was** with audio and video clips of radio shows, commentary, news, music and memories of 40 years of radio history.

**Reliving Radio** has been part of the fun at car shows, banquets, museums, picnics, "sock hops," wedding receptions, "senior proms" or any special event for the over 65 set.

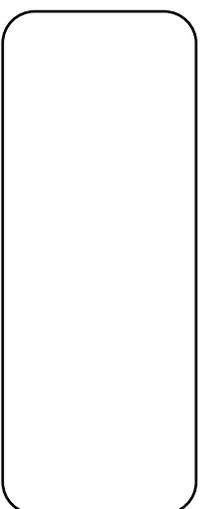
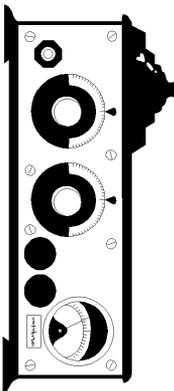
**Reliving Radio** provides entertainment and memories year round in more than 40 retirement communities in the Pacific Northwest.

[www.relivingradio.com](http://www.relivingradio.com)

Call to book **Reliving Radio** 503-784-4398



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