

The

Call Letter

April 2001
Vol. 27 — No. 4

I WILL TRAIN YOU AT HOME

TO BE A Radio EXPERT

NATIONAL RADIO COLLECTING INSTITUTE

A bright future awaits enterprising men who get into the rapidly growing field of RADIO COLLECTING. My proven course will show you how to get ahead by training at home in your spare time.



Here's Proof



I have tripled the size of my collection thanks to your course. And I don't even care about the alimony payments anymore. D. Reissma, Pensacola, FL.



Using your techniques I recently talked my boss's grandmother into giving me her Scott Philharmonic, by convincing her it was damaging her carpet. S. Baron, Lexington, KY.

Dealing With Dealers

My course will teach you proven methods of outwitting shyster antique dealers. No longer be intimidated by \$400 price tags on Radiola 18's. Learn simple techniques such as loosening tubes before dealer tries to show you how well the radio works. Carefully timed use of smoke-bombs after the radio is plugged in also works wonders to reduce prices. My course tells it all!

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Increased competition means only the strong survive at the antique auctions of today. Learn how to distract other collectors when the radio you want comes up for bid. Learn how to drive prices up on your opponents without getting stuck yourself.

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No longer feel like a moron at radio meets. If you think a breadboard is something for the kitchen, or the mention of Micronic Rubies brings to mind a jewelry store instead of transistor radios, you need this course. Learn how to buy radios before the car carrying them even finds a place to park.

Special FREE Offer

Act now and receive my big free book, "Rich Rewards in Radio"



FILL OUT AND MAIL THIS COUPON

National Radio Collecting Institute
Dept. 2 E, Washington, D.C.

I want to take advantage of your offer. Send me a sample lesson and your free book "Rich Rewards in Radio." I understand this request please me under no obligation.

Name _____

Address _____

City _____ State _____

Do not be satisfied with a puny collection any longer. The National Radio Collecting Institute course brings results!

The Famous Course That Pays For Itself

Over 25 years in print!

The Northwest Vintage Radio Society

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 \$20.00 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 (except July and August) at the Abernethy Grange Hall at 15745 S. Harley Ave. in Oregon City, Oregon. They convene at or about 10 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 show, and radio sales which are advertised in the *Call Letter* and are held in and around Portland.

Society Officers for 2001:

President	Charles Kent	(503) 281-9335
Vice-President	George Kirkwood	(503) 648-4809
Treasurer	Ed Charman	(503) 654-7387
Secretary	Liles Garcia	(503) 649-9288
Board member at large	Dave Rutland	(541) 929-4498
<i>Call Letter</i> Editor	Rick Walton	(503) 284-5648
Librarian	John Bucholtz	(360) 693-7135

The Society's address is:

The Northwest Vintage Radio Society
Post Office Box 82379
Portland, Oregon 97282-0379



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On the cover: Could this have come from almost any radio magazine of the '30s? Oh! Wait! It's April. We have member Dan Howard to thank for this spoof of the ubiquitous National Radio Institute appeals. Inside the back cover is the flyer for the May Swap/Sale.

**Call Letter Deadline: 12 days prior
to meeting day.**

**The next meeting is on March 10.
The monthly feature is:
Radios with 3 or fewer tubes.
Tailgate swap meet starts at 8:30!**

Visit our web site at <http://nwvrs.org>.

The *Call Letter* is the official publication of the Northwest Vintage Radio Society. Circulation is limited to the membership and guests of the Society. The Society is not responsible for the material contributed for publication, nor the quality, timeliness, or accuracy of the items offered for sale in the SWAP SHOP. By common agreement of the board of directors, the buyer assumes all responsibility for the satisfaction of any transaction.

From the Editor

by Call Letter Editor, Rick Walton

It's Springtime and trees are beginning to bud, daffodils are in bloom, and our Swap/Sale is only a month away! There are still tables available if you're planning to sell this time.

For those of you who subscribe to *Antique Radio Classified*, that smiling face on the cover of the April issue is Adam Schoolsky who was at one time a member of this club and was responsible for much of the early work on our club website.

Thanks to all of you who've contributed to the *Call Letter*. The Swap Shop is as healthy as it has been in quite a while, and I have articles to take help fill these pages through the next couple of months.

Art Redman gave me some really great historical information about the Long brothers and their part in local radio history. I'd like to build on that theme and devote an entire issue to the Long brothers and their radios. If you have pictures or information that you'd be willing to share, please get it to me.

In this issue in addition to the meeting minutes and regular features we have an article contributed by Bud Larson about sunspots and their effect on radio reception. The fill pictures are from covers of various 1925 issues of *Popular Radio*.

Dues are *Past Due!*

If you have not yet paid your annual dues, here is a reminder to send your check to Ed Charman, Treasurer, or if you plan to be at the meeting this month, pay him then. Remember, dues are due on January 1 each year, and as of this past January 1 dues increased to \$20. If you haven't paid your dues, we won't be able to continue sending you the *Call Letter* past this issue.

Roster Correction/Addition

If you've moved, changed e-mail address or phone number, or you've changed your collecting interests, let me (Rick) know so I can include that information in the club roster that I plan to publish in May.

Toon, Brian R
1128 N. Manzanita St.
Canby, OR 97013
(503) 266-5527 btoon@teleport.com
Portable radios, Heathkit, foreign radios

NWVRS 2001 Calendar of Events

- April 14** Regular monthly meeting 10 am; tailgate swap 8:30.
- May 12** NWVRS Spring Swap/Sale at the Salvation Army Rose Center.
Stanwood-Camano ARC Hamfest, Stanwood, WA.
Up The Crick Radio Club Hamfest, Eugene, OR
- June 1-3** Sea-Pac, ARRL Northwestern Division Convention, Seaside, OR. <http://www.seapac.org>
- June 9** Regular monthly meeting 10 am; tailgate swap 8:30.
- July 22** Concours d'Elegance vintage car show, Forest Grove.
- August 3,4,5** Ralph Muchow Estate Auction in Elgin, Illinois.
- August 19** PSARA Annual Swap Meet.
- September 8** Regular monthly meeting 10 am; tailgate swap 8:30.
- September 30** Chehalis Valley ARS Hamfest, Chehalis, WA.
<http://www.cvars.org>
- October 13** Regular monthly meeting 10 am; tailgate swap 8:30.
- TBA** NWVRS Fall Swap/Sale.
- November 10** Regular monthly meeting 10 am; tailgate swap 8:30.
- December 8** Regular monthly meeting 10 am; tailgate swap 8:30.

Northwest Vintage Radio Society Meeting Minutes

By George Kirkwood, Vice President

President Charles Kent called the March 10, 2001 meeting of the Northwest Vintage Radio Society to order at 10:00 AM. There were 33 persons in attendance. The minutes of the last meeting were approved as printed in the *Call Letter*.

Treasurers Report

Treasurer Ed Charman reported with a payment of \$248.00 for yearly insurance, our balance is \$913.43.

Good and Welfare

Glen Bricker is back and well.

Old Business

The Radio Sale scheduled for May 12th at the Salvation Army only has 25 tables left. Contact Charlie Kent to rent a table now. Dick Bixler and Charlie created 500 flyers for distribution by Gordon Phillips and Jerry Talbott. The Salvation Army will be doing the coffee and donuts in the morning and lunch.

Charlie commended Wendy Johnson-Kent for her work on the first-ever published in the *Call Letter* table layout for the sale.

Library

John Bucholtz was absent.

New Business

Jerry Talbott reported on the July 22nd Forest Grove Car Show in which the club can display. Anyone wanting to bring radios will get two complimentary tickets.

Rick Walton is getting together our new membership roster for publishing. Contact him if you have any changes or additions.

Jerry Talbott reported the Pernum foundation is on the web at perham.org.

Charlie Kent gave kudos to Dave Brown for doing a great job on the club's web site.

Leads and Needs

Sonny Clutter has a 1949 or 1950 combo Admiral radio/TV to get rid of. He needs a tuning drum for a Radiola 17 or 18.

Glen Bricker needs foil for a Hopalong Cassidy radio. Charlie Kent said Ron Donnally in Florida made them. However, no one seems to be able to contact him.

Speed Feldschau has a lead on a 38-4 Philco console. He just happened to have it in his van. He also needs a dial glass call Speed for model.

Ed Charman has a lead to follow on a huge collection of table model radios in Northwest Vancouver, Washington. Call Ed for details.

Dick Bosch needs the black volume knob for the Hopalong Cassidy radio.

Program

The March program topic was radios having 3 tubes or less. Glen Bricker won first place and there were multiple ties for second and third place because of such good examples.

The April theme is Promotional radio items i.e., anything from paper to novelty oil can radios.

Classes

Following the meeting George Kirkwood conducted a class in radio electronics. Thank you, George, for your continuing series of classes!

The April class will be on troubleshooting and electrolytic filter replacement.



Photo Display

Photography by Rick Walton

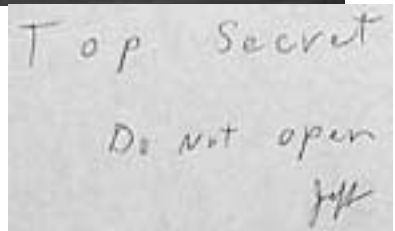
Radios with three or fewer tubes were the feature at the March meeting. Here are the radios that members brought for everyone to enjoy.



Jeff Martin



Glen Bricker

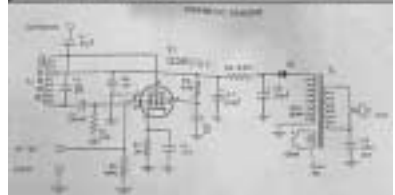


Jerry Talbott

1948 HEATHKIT K-2
3 TUBE ALL-WAVE



1948 HEATHKIT K-2
3 TUBE ALL-WAVE
This is a 3-tube radio designed for portable use. It has a 6X4 tube for the detector and converter, a 6AR5 tube for the audio amplifier, and a 6X4 tube for the power supply. The radio is designed to operate on 110-120 volt AC. The power supply is a full-wave rectifier circuit. The audio amplifier is a push-pull circuit. The detector and converter is a tuned circuit. The radio is designed to operate on 110-120 volt AC. The power supply is a full-wave rectifier circuit. The audio amplifier is a push-pull circuit. The detector and converter is a tuned circuit.



Myron White



ARVIN 402-RE55
Jerry Talbott



INTERNATIONAL KADETTE
"JEWEL"
1935

Jerry Talbott



1959 KNIGHT-KIT 83Y259
"SPACE-SPANNER"
3 TUBE REGENERATIVE

Jerry Talbott



George Kirkwood





Mike Parker



Following the meeting, George Kirkwood led a class session of radio electronics.



Solar Storms

By Bud Larson, W7LNG

Recently the cosmonauts aboard the Space Station had to stay in a protected area of the module. Solar flares peaked at 347 units, an abnormal amount. This was the fourth largest solar storm since 1976. Being up in space, they lack the protective layers we enjoy here on the earth's surface.

Sunspot activity is at its peak now. It follows an approximate 11-year cycle and has been monitored since 1750. This high level of ionization makes certain layers reflect radio waves that usually pass through on their way to outer space. When these layers receive enough energy from the sun they act as a mirror returning the waves returning the signals to earth many miles away.

Knowledge of these layers came slowly. In the early twenties radio amateurs discovered that when they increased their transmitter's frequency the skip distance increased and static levels decreased. This went against the commercial interests who thought the more power and low frequencies made for increased distances. Ship radio operators, many who got their start as hams, would take their low-power equipment on board and when the big ship transmitters couldn't get a message out used the high-frequency rigs to do the job. I'm sure it saved many lives but it was strictly illegal at the time. Fred Schnell of the American Radio Relay League, the national organization of radio amateurs, in 1925 went with the U.S.Navy to the South Pacific and proved that the high frequency bands were useful for radio communication.

Ionospheric storms are usually preceded by solar flares. These intense flares on the sun reach out thousands of miles and can be observed on earth. Sunspots can be seen indirectly by using a card with a pin hole held in front of a white paper. Don't look at the sun! Spots appearing now may come up again in about four weeks as the sun revolves. Good radio conditions depend on several factors, but by knowing about the 28-day cycle a radio amateur can get a feel for upcoming openings. To talk to Europe, or deep Asia. requires good conditions. Sometimes these radio waves go totally around the earth and create an echo. Experienced hams can quite often, by listening to a signal, get an idea where it is coming from. "Long path" is sometimes the only way to contact certain places. Mountains or big buildings can block the signal path making the only way to get a signal to a certain place the long way around. Monaco is one such location.

Sometimes a sudden ionospheric disturbance, (SID) wipes out high-frequency communication. Several years ago our radio club experienced one while on the annual Field Day exercise at a mountain location. We wondered if the antenna was broken or if the radio suddenly went dead. The signals came back in about forty minutes.

Flares affect the earth's magnetic field and radiate X-rays and ultra-violet energy. I think if I were an astronaut, I'd be glad to have a safe place to go for protection.

References:

Fifty Years of the ARRL. American Radio Relay League, 1965

200 Meters and Down, Desoto. ARRL, 1936

Radio Handbook, Howard Sams, 1988

ARRL Antenna Book, various.

Voilà

...new and recent finds by NVRS members

by Sonny Clutter

Dave Brown: Obtained from the Jerry Kubick estate - 1925 Type WG114 No. 5 Multi-Range Receiver. This fascinating radio is a apparently a one of a kind prototype capable of receiving a wide spectrum of frequencies. It's a regen which employs a 200A detector and three 201A AF amplifiers. On the front, there are three plugable coils - primary, secondary and tickler and it came with about 18 coils.

Check it out at <http://ironradio.com/wg114.html>.

Ed Cook: Two Beautiful Emerson's in Ingraham cabinets, model 238 "Jewel Box" & 570 "Momento".

Liles Garcia: Hallicrafters SX-111 amateur bands communications receiver and a Hallicrafters S-72R portable receiver.

Jeff Martin: General Electric radio, model GE H61OU with a beetle case, white with gold swirls.

- Pat Kagi:** 1. Zenith bakelite table radio K510.
2. Silvertone bakelite table radio 9022.
3. Admiral Plaskon table radio 5E23.
4. RCA bakelite table radio.
5. Majestic Plaskon table radio 51.

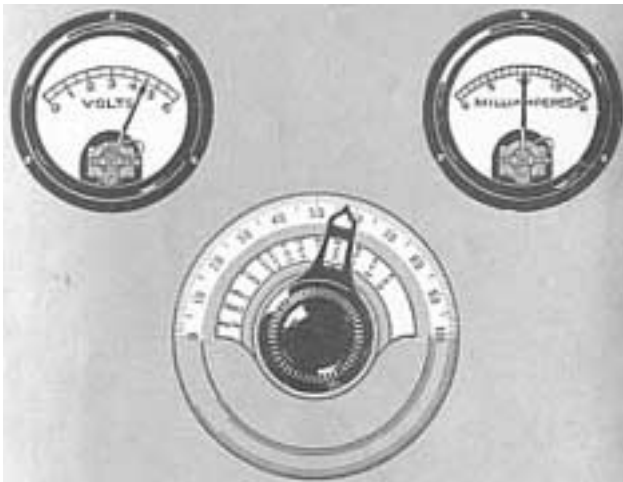
David Wise: Zenith Royal 950 “Golden Triangle” 1959 beautiful 3-sided lazy susan clock radio
Zenith Royal 500H two-tone gray best-sounding portable I know of
Zenith Royal 500 1956 7-transistor
My wife Sandy got a Sony ICR-120 world's smallest loud-speaker-type micro
Channel Master 6515 and 6515A “Super Fringe”, TRF stage, most sensitive of all my BC portables, excellent sound too
Eico 443 curve tracer scope attachment

Sonny Clutter: Western Electric model 3-B, receiver circa 1922
Zenith 6S321, 1939 “Stars and Stripes” wood table set

Ray Vanderzanden: Westinghouse Aeriola Sr. Receiver and Deforest Crosley 52 Canadian version.

Sonny the Radiola Guy

Visit my vintage radio site at: <http://www.radiolaguy.com>



NWVRS Swap/Sale Information

by Charlie Kent

Swap/Sale Guidelines

The first three items (shown here in *italics*) are the new additions to the list of guidelines.

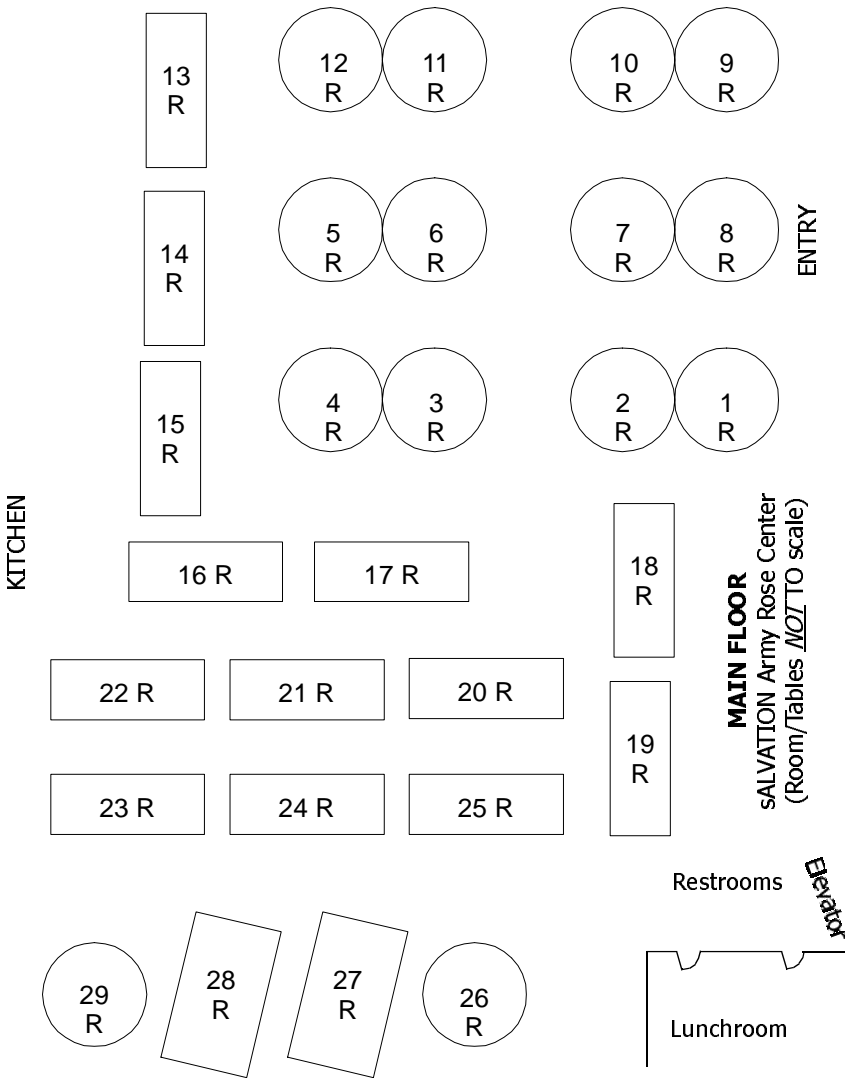
1. *The sound level can get pretty high with people talking and radios playing. For those planning on having a radio playing, please keep the volume turned down. After demonstrating a radio for a customer, please also turn the volume down.*
2. *Upon the radio sale's completion, you are responsible for the policing and clean-up of your own area.*
3. *Do not leave items you wish to dispose of as we have no means to do so. Items that are donated for the 2:00 PM auction at the sale's end should be tagged with your name and given to the auctioneer. If the item is not purchased at the auction, you will need to be present to take it back. The Club does not have the means of storing/disposing of unsold items.*
4. When unloading and reloading, don't bring in handtrucks with dirty or greasy wheels.
5. If you are renting a table with console wall space, be sure not to damage the walls.
6. When using the elevator, take care to not damage the walls.
7. During the sale, don't block or congregate in the aisles — let the crowd movement flow.
8. Be kind to your fellow sellers, don't criticize their items so a potential customer may overhear.
9. Once the public is admitted, try not to leave your tables unattended for more than a short time.

These guidelines are not open for suggestion or argument. Table rental payment should be made payable to NWVRS and only given or mailed to Wendy or Charlie Kent. If you are paying at the club meeting, make sure to pay only to Wendy or Charlie.

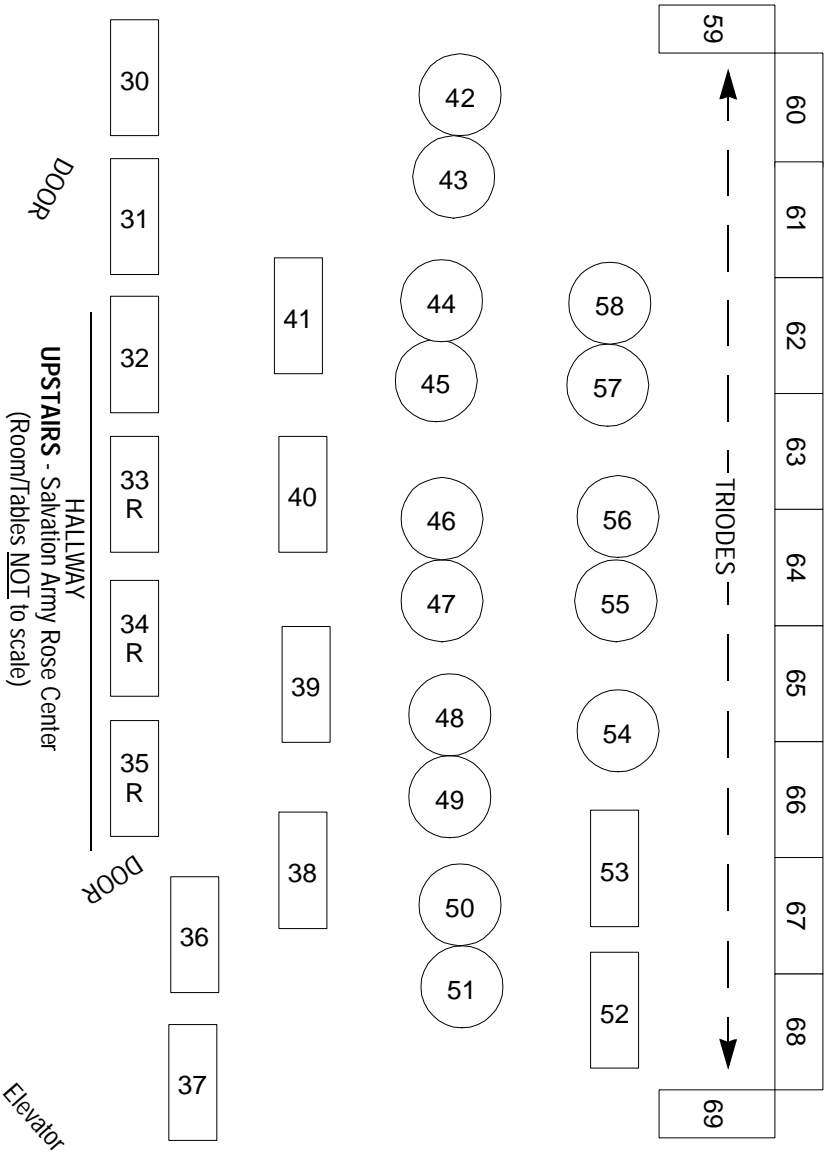
Those individuals not wishing to adhere to these rules will not be allowed the privilege of a future table rental.

The remaining tables available for rental are numbered on the floor maps shown on the following pages. If you still wish to rent table(s), call Charlie or Wendy at (503) 281-9335 or e-mail them at radiogalerykent@aol.com.

R = Already Reserved



Floor plan for tables on the main floor of the Salvation Army Rose Center



Floor plan for tables on the second floor of the Salvation Army Rose Center

Swap Shop

FOR SALE: Thousands of tubes, hundreds of radio parts, panels, meters, surplus, etc. R5-D3 electronic surplus, Bob Lee, 9770 S.E. Stanley Ave., Milwaukie, OR 97222, (503) 513-0410

BUY, SELL, & TRADE: Vintage Radio, Early Television and Hi-Fi.

Wanted: Tubes, Parts and whatever you might have related to early radio & TV. Visit my web-site at: <http://www.radiolaguy.com> or e-mail me at: sonny@radiolaguy.com

Thanks, Sonny Clutter, phone (360) 834-5741

WANTED: The Crystal Radio Guy wants crystal sets and toy germanium diode radios. Buy outright, or trade for other radios. Galen (503) 231-9708.

WANTED: The INGRAHAM man wants radios with wood Ingraham cabinets. If you're not sure if it's an Ingraham, call Ed Cook in Vancouver, (360) 573-1439, or e-mail "hopopco1@home.com".

WANTED: I still need a dial glass for a Telefunken radio. No model # is available but the glass is 21 1/2 " long, 3 3/4 " tall. The dial hole openings are 13 7/8 center to center. Thank you, SPEED

WANTED: Dial Glass for DEWALD HARP A501. Contact Ray Vanderzanden, radiator@alveus.com or 503-648-2287

WANTED: *A speaker for a Philco 20 and a speaker for a Philco 70 speaker. (any condition). Thanks, Gordon Phillips

FOR SALE: A wide variety of radios at <http://radiogallerykent.com>. Charlie Kent

FOR SALE: I still have lots of replacement speakers, power transformers, and knobs to sell. The speakers and transformers will be very cheap. The knobs will be a lot less than having them made. Let me know what you need. Jerry Talbott (503-649-6717) or e-mail at jerryt@coho.net.

FOR TRADE OR SALE: Beautiful 1939 Zenith console model 12S370. Completely restored inside and out and a real showpiece. Trades or sale wanted for equivalent value of \$1200 on table models, preferably Ingraham cabinet radios. Call Ed Cook at 360 573 1439 or e-mail at hopopco1@home.com. Thanks, Ed Cook

FOR SALE: Eico signal gen, cap testers, ham TV xmtr (in 42" rack) with camera, transformers, misc. parts, QRP xmtr kit (\$25.00 ppd). Working on list. Send LSASE. Bud Larson, W7LNG, 1325 Ridgeway, Medford, OR 97504

FOR SALE: PHILCO 17,1933, 250.00; Philco 42-380, 225.00; Firestone 4a31 radio-phono, 120.00; Temple 10-tube, 250.00. Contact Ray Vanderzanden, radiator@alveus.com or 503-648-2287

FOR SALE: *Two 3 inch Pilot TVs, one with standard P4 phosphor B&W, good cabinet, etc., \$175; the other with green picture, second rate cabinet, \$125. Both sets have all tubes, schematics, etc. I will be in Tacoma for March meeting so please call before if interested. Dick Howard, (503)775-6697.

FOR SALE: **Wurlitzer Model 412 "wood" jukebox. Completely restored, plays 16 - 78's. \$1,500. Gary Miller (503-434-6142)

Leads and Needs

Be sure to look through the “Leads and Needs” in the meeting minutes.

Radiolaguy’s web page is full of lots of information on early radio, TV and also provides lots of links to other valuable info resources relating to the radio collecting hobby; it’s not just a “for sale” site. Be sure and visit the site often. One of the services offered is pictures and information on the entire RCA “Radiola” line from 1921 to 1931 and my “show and tell” page.



NWVRS Swap/Sale Flyer

Buy from
the
COLLECTORS
and
SAVE!



Antique and Vintage RADIO SALE

Presented by . . .
NORTHWEST VINTAGE RADIO SOCIETY

SATURDAY, MAY 12
9 AM until 2 PM
at the SALVATION ARMY ROSE CENTER
corner of N. E. Sandy Blvd. and 18th Street
Watch for the "A Board" Signs!

- ALL FOR SALE TO TAKE HOME TODAY!
Hundreds of restored radios, from '20s, '30s
and '40s. Consoles, table models, wood,
plastic, catalin, plus parts and repair.
- VINTAGE TUBE AUDIO EQUIPMENT FOR SALE
- FREE ADMISSION • FREE PARKING
- DELICIOUS FOOD AVAILABLE

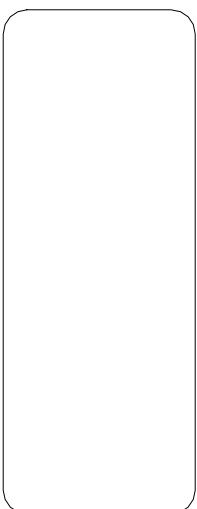
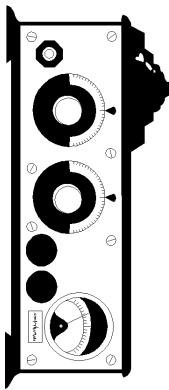
**Selected Items Auctioned
to Highest Bidders at 2 PM**

For further information, call
CHARLIE KENT (503) 281-9335





NW Vintage Radio Society
P.O. Box 82379
Portland, Oregon 97282-0379



FIRST CLASS MAIL