

The  
**Call  
Letter**

February, 2004  
Vol. 30 — No. 2



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Almost **30** years in print!

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# 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).

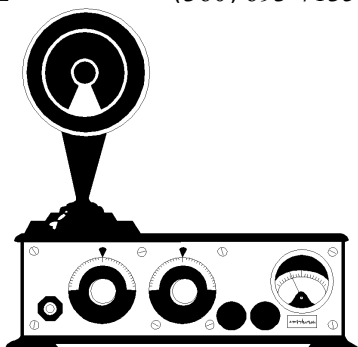
Other Society functions include guest speakers, auctions, radio show, and radio sales which are advertised in the *Call Letter* and are held in and around Portland.

## Society Officers for 2004:

President	Cliff Tuttle	(503) 666-7005
Vice-President	George Kirkwood	(503) 648-4809
Treasurer	Ed Charman	(503) 654-7387
Secretary	Tony Hauser	(503) 397-0074
Board member at large	Wendy Johnson-Kent	(503) 281-9335
<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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# February 2004

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**On the cover:** In keeping with this month’s feature, this post-war Gilfillan portable graces the cover. It is model 66B, “The Overland”, a 5-tube set designed to operate on battery power or wall socket AC or DC. Your editor found this set at a garage sale in his own neighborhood several years back.

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### The next meeting is on February 14, 2004.

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**Annual dues are due!**

**February Feature:**

**Portable battery tube radios.**

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

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### March Call Letter Deadline: March 2, 2004.

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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 or services 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.

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## From the Editor

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by Call Letter Editor, Rick Walton

To start off, I want to thank all the contributors to this month's full-to-the-brim (even overflowing) *Call Letter*. Last month's reprint of the Cub Scout one-tube radio instructions elicited a reminiscence from Ludwell Sibley, who I am always glad to have contribute. Dave Wise, who frequently leads the after-meeting tech sessions, applies his usual thorough treatment to the subject of the intermediate frequency in a superhet receiver. Our librarian, John Bucholtz has made a big contribution with the list of items in the NWVRS library. I've placed it on the "centerfold" so that you can take it out if you wish. Then there is the letter from former *Call Letter* editor Dick Karman offering to develop a series of articles leading up to our 30-year anniversary celebration. Finally, don't miss the fun-sounding proposal by Cliff Tuttle, NWVRS President, that is printed inside the back cover.

In case you didn't know, this coming December will mark thirty years since the first meeting of what soon became the Northwest Vintage Radio Society. I sincerely hope that we'll start planning now for a celebration of this milestone in the life of the society.

Now, about Topica. This has been a vexing topic over the last month. While it is working nicely for thirty-seven of you (at this writing), there are several of you who were subscribers on the Yahoo list who didn't receive the invitation message that went out. I've tried sending separate e-mails, but I can't always determine whether you didn't get the invitation, or if you just didn't respond. It does appear that Topica just will not work for some of you, which is a situation we should discuss at the next meeting.

Speaking of the next meeting, don't forget that it falls on Valentine's Day. Does anyone have a heart-shaped radio?

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## NWVRS 2004 Calendar of Events

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**February 14** NWVRS monthly meeting 10 am; tailgate swap 8:30.

**February 21** Salem Hamfair, Salem Repeater Association,  
Polk County Fairgrounds, Rickreall, OR  
<http://www.qsl.net/w7sra>

- February 28** Hamfest, Naval Postgraduate School ARC, Seaside (Monterey), CA <http://www.radiofest.org>
- March 13** NWVRS monthly meeting 10 am; **Special Event:** Spring Trash Bash 8:30.
- March 6** 23rd Annual Electronics Show & Fleamarket, Mike and Key ARC, Puyallup, WA. <http://www.mikeandkey.com>
- April 10** NWVRS monthly meeting 10 am; tailgate swap 8:30.
- April 17** Yakima Amateur Radio Club W7AQ Hamfest 2004 Selah Civic Center, Selah, WA. <http://eagle.ykm.com/~W7aq/hamfest.html>
- April 24** Hamfest, Snake River ARC, Caldwell, ID  
Contact: Ralston "Scotty" Scott, W5RWS  
208-466-3155
- May 8** NWVRS Spring Swap/Sale at Salvation Army Rose Center.
- May 10** Hamfest, Stanwood-Camano ARC, Stanwood, WA.
- June 12** NWVRS monthly meeting 10 am; tailgate swap 8:30.
- June 18-20** SEA\*PAC, Northwestern Division Convention, Seaside, OR Oregon Tualatin Valley ARC <http://www.seapac.org>
- July 16-18** Glacier-Waterton International Peace Park Hamfest July 18-20, 2003, East Glacier, MT. <http://www.gwhamfest.org>
- TBA** Pacific Northwest DX Convention, Portland, OR. Willamette Valley DX Club <http://www.wvdx.org>
- August 14** Hamfest, Radio Club of Tacoma, Spanaway, WA <http://www.w7dk.org>
- September 11** NWVRS monthly meeting 10 am; tailgate swap 8:30.
- October 9** NWVRS Fall Swap/Sale at Salvation Army Rose Center.
- November 13** NWVRS monthly meeting 10 am; tailgate swap 8:30.  
Nomination of officers for 2005.
- December 11** NWVRS monthly meeting 10 am; tailgate swap 8:30.  
Election of officers for 2005. Annual Holiday Party!

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# Northwest Vintage Radio Society Meeting Minutes

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Tony Hauser, NWVRS Secretary

President Cliff Tuttle called the January 10<sup>th</sup> meeting to order at 10:00am.

There were no guests in attendance. A correction to the December meeting minutes in the January *Call Letter* was noted. The results of the December election of officers was omitted. Our officers for 2004 are as follows: President - Cliff Tuttle, Vice-president - George Kirkwood, Treasurer - Ed Charman, Secretary - Tony Hauser.

## Reports

Ed Charman gave the Treasurer's report. Our balance as of 1/10/04 was \$368.99. There was no Library report. Rick Walton gave us an update on the transition of our email group from Yahoo! to Topica. He has asked that if any members have a mistake in their email address or have changed their email address since the club roster was published to email him (at [rwalton@easystreet.com](mailto:rwalton@easystreet.com)) with your current address.

## Good & Welfare

Liles Garcia reported that Dick Bixler is enjoying a vacation in the French Alps. Jeff Martin reported that Charlie Kent is feeling well.

## Old Business

Dave Brown has restored our website. The problem was that we had lost our domain name so Network Solutions had dropped it. In the meantime someone had sniped it and offered to sell it back to us. Dave negotiated a deal to buy back the domain name for \$150. We all thanked Dave for his efforts.

Several questions were raised concerning the new Topica email group. Some members had problems setting up their accounts and others complained that they were prompted to enter too much personal information while setting up their accounts. Rick asked any members who are having problems to email him.

Cliff reported on the Seattle club's electronics program for high school students. He is looking for volunteers who would be interested in teaching a similar class in the Portland area. Many members in attendance expressed interest in attending a program designed for them.

## **New Business**

Cliff suggested sponsoring a dumpster at either the March or April meeting so that members can bring radio related items to sell or give away that they do not want to take back home. Anything that isn't taken could then be discarded in the dumpster. A decision will be made at the February meeting.

Cliff also mentioned that budget review of the club is underway. In an abbreviated report Ed mentioned that the club basically broke even in 2003. A detailed report will be given at a future meeting.

Jerry Talbott reported that he, Gordon Phillips, and Tony Hauser will be representing the club once again at the Sounds of Nostalgia show at the state fairgrounds on February 15<sup>th</sup>. Members interested in helping should contact Jerry.

George Kirkwood proposed discontinuing awards for the monthly meeting displays and instead having an annual judged show. We would continue to have our regular monthly displays. Members discussed many formats for the judged show. All agreed to suspend the awards at the monthly displays until a final decision is reached.

## **Leads & Needs**

Robbie Robinson needs a turntable for an RCA Victrola radio/phono model RE-95. Bob Campbell needs a 25B8 tube.

## **Monthly Feature**

The following people participated in the display of tube-type kit and homebrew radios:

Ron Hershey - Meissner kit

Tony Ranft - 8-tube homebrew with tuning eye

Dave Brown - homebrew based on a Westinghouse Aeriola, Sr. and his grandfather's mid-20's kit/homebrew

George Kirkwood - self-designed "Bordello radio" based on a lamp/radio homebrew

Jerry Talbott - modified AC Gilbert 1-tube kit with loose coupler

Next month's feature will be tube-type battery portables.

Cliff adjourned the meeting at 11:24. Many members stayed after for David Wise's Tech Talk on oscillators. Next month George Kirkwood will give a Tech Talk.

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## A Letter to the Editor

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Dear Editor,

As a recognition of 30 years of the *Call Letter* and of the Northwest Vintage Radio Society, I would like to offer a column for the *Call Letter* through the remainder of this year. It will contain memories of people and events, swap meet and catastrophes, milestones and funerals; all about the NW Vintage Radio Society. But I personally don't have memories of everything that's happened. I'll need help from others.

I'd like to encourage anyone who would like to tell a short story, or even relate a few sentences about the Society's past, to drop them in the mail (or e-mail) to me and I'll compile a *Call Letter* article each month called "Looking Back." I think that I only go back about 26 or 27 years, but there are some of your readers who go back to the beginning. Even if they can remember an approximate year and a personal experience, I'll do the research. I'll keep the focus of the articles on the organization and it's members, but I'll include some other references to what was happening in and around the NW in those years too.

If "Looking Back" becomes a success, I'll suggest to the board that we bind all of the articles together in a "*Call Letter*-sized book" at the end of the year with some blank pages for "new memories" and some pictures of the last 30 years.

As a past editor and a long-time friend of the society, I'd like to thank you for your tireless effort in keeping the "official voice" of our organization on time and in our mailboxes. You seldom get the appreciation you deserve.

Sincerely yours,

Dick Karman  
2515 NE 37th Ave  
Portland, OR 97212  
e-mail dick@karmans.net

*Editor's note: I am thrilled that Dick is willing to plan and write this series of articles that look back on the first thirty years of our society's existence. Having done a much smaller scale project for the 25th anniversary, I fully appreciate the work and time involved, but more than that, the real need for cooperation and assistance by society members. Please be willing to share your memories with Dick, and in turn, with the society.*



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## NWVRS Library, January, 2004

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### Books and Other Publications

All material is printed except where noted.

#### General Radio Guides (Pictures & Prices)

*Acquisition of Antique Radios*, by J.W.F. Puett

*Antique Radios*, 4th ed., by Marty & Sue Bunis

*Collector's Guide to Novelty Radios*, by Marty Bunis & Robert F. Breed

*Collector's Guide to Novelty Radios: Book 2*,  
by Marty Bunis & Robert F. Breed

*Crystal Clear. Vintage American Crystal Sets, Crystal Detectors and  
Crystals: Volume 1*, by Maurice L. Sievers

*Crystal Clear. Vintage American Crystal Sets, Crystal Detectors and  
Crystals: Volume 2*, by Maurice L. Sievers

*Encyclopedia of Antique Radio: Volume I*, by J.W. Puett

*E.H. Scott Radio Collectors Guide (1925-1946)*, by Jim dark

*Flick of The Switch: 1935-1950*, by Morgan E. McMahon

*Guide To Old Radios*, by David & Betty Johnson

*HI-FI Spotters Guide Volume 1*, by Charles Kitteson

*HI-FI Spotters Guide Volume 2*, by Charles Kitteson

*Los Angles Radio Manufacturing: the First Twenty Years: 1922-1942*, by  
Floyd A. Paul

*Machine to Jet Age: Volume I, 2nd ed.*, by Mark V. Stein, (2 copies)

*Machine Age to Jet Age II*, by Mark V. Stein, (2 Copies)

*Machine Age to Jet Age III*, by Mark V. Stein

*Philco Radio: 1928-1942*, by Ron Ramirez with Michael Prosis

*Prewar Consoles*, by Mark Stein

*Radios: The Golden Age*, by Philip Collins

*Radio Art*, by Robert Hawes

*Radios by Hallicrafters, 2nd ed.*, by Chuck Dachis

*Radio Collector's Guide: 1921-1932*, by Morgan E. McMahon (auto-graphed by the author)

*Radio Manufacturer's of the 1920's: Volume I, A\_C Dayton to J.B. Ferguson*, by Alan Douglas (2 copies)

*Radio Manufacture's of the 1920's: Volume II, Freed-Eisemann to Priess*, by Alan Douglas

*Radio Manufacture's of the 1920's: Volume III, RCA to Zenith*, by Alan Douglas

*Radio! Radio!, 3rd ed.*, by Jonathan Hill

*Transistor Radios: 1954-1968*, by Norman Smith

*Tube Tester & Classic Electronic Test Gear*, by Alan Douglas

*Vintage Radio: 1887-1929*, by Morgan E. McMahon (2 copies)

*Zenith Radio: The Early Years: 1919-1935*, by Harold N. Cones & John H. Bryant

*The Zenith Trans-Oceanic: The Royalty of Radios*, by John H. Bryant & Harold Cones

*Zenith Radio Brochure Book*, by Alan Jespersion & Michael Emery

## **General Radio Repair Information**

*Behind The Front Panel*, by David Rutland, (5 copies)

*Dial Cord Layouts*, (CD for IBM computers)

*Radio Theory and Operating*, by Mary Texanna Lomis

*Saga of the Vacuum Tube*, by Gerald F. J. Tyne

*Tube Lore*, by Ludwell Sibley

## **Television**

*Classic TV's: Pre-war thru 1950's*, edited by Scott Wood

*Last Lone Inventor Farnsworth*, by Evan I. Schwartz

*Tube: The Invention of Television*, by David E. Fisher & Marshall Jon Fisher

## **Communication Receivers**

*Communications Receivers: The Vacuum Tube Era. 1932-1981*, by Raymond S. Moore, 4th ed.

## **Speakers**

*Building Cone & Dynamic Speakers*, 5 magazine articles

*Magnetic Cone Speaker Notebook*, Floyd A. Paul

*Radio Horn Speaker Encyclopedia*, by Floyd A. Paul

## **History of Radio**

*A Short History of Electrical Communication*, FCC Information Bulletin  
(2 copies)

*Antique Wireless Museum* (VHS tape)

*Atwater Kent Radios*, by Ralph O. Williams

*Atwater Kent The Man, The Manufacturer and his Radios*, copied from  
Radio Age

*Atwater Kent Employee Talk* (reel to reel tape)

*Atwater Kent & WW II Radio Broadcasts* (audio cassette tape)

*DeForest interview* (audio cassette tape)

*Early Days of Wheeler & Hazeltine Corporation: Profiles in Radio and  
Electronics*, by Harold Alden Wheeler

*Empire of the Air*, by Tom Lewis

*Empire of the Air* (VHS Tape)

*Hallicrafters Company 1932-1972*

*Heath Nostalgia*, by Terry Perdue

*H.H. Scott, More than one revolution started in Massachusetts*

*History of E.H. Scott Co.*

*History of Hallicrafters*, 2 copies

*IEEE Transactions on Consumer Electronics: A History of Consumer  
Electronics, Commemorating A Century of Electrical  
Progress 1884-1984*

*Interview of John Porter, side 1 & Lee DeForest, side 2 (audio cassette tape)*

*Mall 205 Show 1970's (8mm film)*

*Mall 205 Display, by Joey Tompkins (VHS tape)*

*Marconi: Pioneer of Radio, by Douglas Coe* —

*Marconi Memorial Program 1937, side 1 & Famous Commercials of Yesteryear, side 2; CHRS Radio Vol. 16 (audio cassette tape)*

*Portable Radio in American Life, by Michael Brian Schiffer*

*Powell Crosley and the 20th Century with Crosley - The Production Years (VHS tape)*

*Radio-Craft: 50 Years of Radio, by J.T. Bernsley (chronological history of radio up to 1937)*

*R. C. A. an Historical Perspective*

*Tech Sloat speaking at the 1/12/91 NWVRS meeting (VHS tape)*

*Whatever Happened to Atwater Kent, by Frank Atlee*

*The Zenith Story from 1919*

*25th Anniversary Observance: Transistor Radio & Silicon Transistor, by Texas Instrument*

*70 Years of Radio Tubes and Valves, by John W. Stokes*

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# Photo Display

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Photos by Rick Walton

Homemade tube radios displayed by members at the January meeting.



George Kirkwood - self-designed "Bordello radio" based on a lamp/ radio homebrew



Jerry Talbott - modified AC Gilbert 1-tube kit with loose coupler



Dave Brown - homebrew based on a Westinghouse Aeriola, Sr.



Dave Brown - his grandfather's mid-20's kit/homebrew



Tony Ranft - 8-tube homebrew with tuning eye



Ron Hershey - Meissner kit

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## Where's the Oscillator?

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by Dave Wise

There's more to frequency conversion than meets the eye. The common description of the Superheterodyne receiver is that the oscillator is tuned 455kHz above the antenna, and when the two mix, the result is (Osc – Ant) or the 455kHz IF signal.

This is actually a special case, in three ways.

1. The IF need not be 455kHz; that's just the most common choice for newer receivers. It can be literally anything, as long as it's above the highest audio frequency the station and receiver are designed to carry. The earliest "supers" used various frequencies below 455: I've seen 50, 100, 175, and 262. A lot of mid-30's Philcos used 470. The lower frequencies have the advantage that due to the relationship between Q, center frequency, and bandwidth, it's easier to get the necessary selectivity, even with the early crude manufacturing techniques; plus, the IF amplifier (if used) is more stable. On the other hand, it exacerbates the problem of "two-spot tuning", and in addition results in undesirable interactions between the oscillator and mixer (known as "pulling), especially when the two functions are combined in one tube. What's so special about 455? I don't know, exactly; perhaps someone else can contribute here. However, it is a good compromise. You want to go as high as possible for image rejection (combating the "two spot" problem), but you have to stay below the broadcast range. Unless exquisitely shielded, receivers radiate like crazy at their IF, and any set that could tune to its own IF would hear nothing but its own regeneration. In the Portland area, we can turn the choice of 455 to advantage when we do IF alignment with a signal generator of questionable accuracy. Simply tune a radio to 910, then tune the signal generator near 455 until you hear a beat note. Tune the generator until the beat note goes to zero – voila! The generator is exactly 455, half of 910.
2. There's no law saying the oscillator has to be *above* the antenna. The mixer is just as capable of processing (Ant – Osc). However, on the broadcast band it's not really practical. The formula for frequency of a tuned L-C circuit is  $f = \frac{1}{2\pi\sqrt{LC}}$ . This means that if the ratio between maximum and minimum frequency is N, then the ratio between minimum and maximum capacitance must be  $\frac{1}{N^2}$ . To tune from 550kHz to 1600kHz is a ratio of about 1:2.9, which requires a capacitance ratio

of about 8.5:1. The usual tuning capacitor goes from 365pF to 15pF, over 24:1, but when you add in the trimmer cap, the ratio decreases. In fact, you can treat the trimmer as a device to set the ratio. To get the required 8.5:1 ratio, it has to be 32pF, giving a range of 397pF to 47pF. Now consider an oscillator running 175kHz below the antenna. It has to tune from 375kHz to 1425kHz, which requires a capacitance ratio of over 14:1. There are other reasons I won't go into here; I have never heard of a broadcast superhet that ran the oscillator below the antenna. On shortwave, it's quite practical and is occasionally done, especially in battery sets where the oscillator tends to run out of gas at high frequencies.

1. You don't have to use the fundamental frequency of the oscillator. When you mix two signals, you don't get just  $F_1 - F_2$  and  $F_2 - F_1$ , you actually get  $(m \times F_1) + (n \times F_2)$ , for all possible positive and negative integer values of m and n. This means that you can use, for example, the second harmonic. In other words, to tune the broadcast band with a 455kHz IF, you could run the oscillator from 502.5 to 1027.5 instead of 1005 to 2055. On broadcast, there's no particular advantage to this unless you're running a really low IF and there's a lot of pulling going on, which was exactly the case with (if I recall correctly) the Radiola 25. On shortwave, the pulling problem is more severe because the oscillator is percentage-wise much closer to the antenna the higher you go. I think this is why RCA took this approach on the 1934 Radiola 110 (a.k.a. GE K-53M). That set has a 175kHz IF and tunes two bands, 550-1500 and 1400-2800. 1400 is at the same tuning cap position as 635, and 2800 is at 1420, so on BC, the oscillator is at 810 (for 635) and 1675 (for 1500), and on shortwave it's 787.5 (for 1400) and 1487.5 (for 2800).

Armed with this information, you can figure out the IF and oscillator scheme for just about any consumer radio. (Some of the ham sets use multiple levels of frequency conversion, and can't be figured out without a manual.) Just use another radio (a ham set with decent frequency accuracy works great) as an RF "sniffer" to detect the RUT's (radio under test's) oscillator emissions. I just connect the two antenna leads together. DON'T DO THAT WITH AN AC-DC SET – use a small coupling cap instead. Listen for a strong unmodulated signal. At night, it will wipe out the background static. In the daytime, it's easier to tune the sniffer near a station and sweep the dial of the RUT. When the oscillator (or a harmonic of it) goes past the station, you'll hear a beat note that falls in pitch to zero then rises again. At zero, the RUT's oscillator is on the station frequency, or a sub-harmonic of it.

Note that the radio's IF may have drifted over the years and not be quite on the intended frequency. I've seen this with both (mica) capacitively-tuned and (iron) inductively-tuned IF coils. This will affect tracking, and if at all possible, find out the proper frequency from service data and align it to that frequency.



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## Observations on the “Cub Scout” One-Tuber

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by Ludwell Sibley

I enjoyed seeing the 1954 “Cub Scout” one-tube radio in the January “Call Letter,” having built one back in early Scouting days. The 1954 version was carried over, with redrawn diagram, from ca. 1952 or possibly earlier.

On developing a desire for one of these sets, I enlisted my father for help. He had build crystal sets back in the 1922-24 “Radio Craze” (he’d heard KDKA in Michigan) and had even built a Neutrodyne receiver from a kit.

I remember snickering over the directions of what to do in case one couldn’t solder the connections, having at least figured out the basics of that skill. The version of the instructions that we had gave no guidance on what to use for the tuning coil. He guessed at a number of turns, and we wound a coil that tuned as low as about 1500 kHz and up into the 80-meter amateur band. As a result, “best DX” was a 5-kW station on 1550 kHz, 10 miles away, and W6YPM across town.

The set is basically crippled by being non-regenerative, which cuts sensitivity by - who knows? - 20 or 30 decibels. The 1S5 tube was never intended to drive a relatively low-impedance load like headphones; a 1S4 or other “power” tube would have been a better idea. There was also no guidance of what kind of headphones to use, and I may have unknowingly hurt the volume by trying to employ a 300-ohm war-surplus pair.

The 1952 instructions called for a 22-volt B-battery. This may have been with the intention of keeping young builders from shocking themselves, but it also didn’t help performance. I tried to buy a battery of the specified voltage from a local radio shop, and was told that 22-volt batteries didn’t exist. So I wired one up from a box of “D” cells.

No space was available for a really good antenna, so I ran a wire perhaps 15 feet high out to a telephone pole. This was, in the eyes of the telephone company, a “foreign attachment,” so an installer who happened to climb the pole took it down. No problem: it went back up as soon as he was gone.

The aforementioned W6YPM, the late Erv Rasmussen, became a highly renowned antique-radio collector some years later. He and his tube-and-radio collection were mentioned in the “Old Timer’s Bulletin” in at least 16 issues before his death.

On thinking about it: the Scouts must have published one-tube radio circuits from ‘way back, in the Handbooks and in “Boys’ Life.” It would be fascinating to trace the evolution of their designs, probably starting with UX-201A tubes and rolling forward.

In any event, my Scout one-tuber was no barn burner but it certainly was a start!

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## Swap Shop

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*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

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

*AFTER MOVING SALE:* Several radios and tube audio components for sale. Contact me by phone (503-538-4041) Newberg, which is not a toll call for the Portland metro area, or email me at [vinradio@easystreet.com](mailto:vinradio@easystreet.com) for more information. Jerry Talbott

*FOR SALE:* \*I am clearing my entire inventory of radio test equipment, parts, related materials that would be useful to those restoring antique radio gear. Some items available are: Heathkit oscilloscope in working cond; Eico signal generator, R.F. with switchable modulation; numerous power transformers; coupling transformers; resistors; some tubes; miscellaneous amplifiers and chassis; an ARC-r receiver in very good cond; etc. I will let the whole bag go for \$150.00. I am always negotiable. I need to clear everything since it appears we will be moving and there is no place for all of this collection. At least I will be able to take my five most liked collectables with me, that helps. John Otterstedt, johott38@aol.com, 503-244-6571 (home), 503-318-4203 (cell).

*WANTED:* SAMS auto radio manuals AR7, AR8, AR10 - AR14. Also, Riders Perpetual Manuals 15 - 22. Ken.Seymour@comcast.net or 503-642-9115.

*WANTED:* \*\*A Rider V manual. Dan Rohling 208-442-9322  
[rohling1@mindspring.com](mailto:rohling1@mindspring.com)

## Radio Service

These members have indicated they are willing to perform radio repairs:

Roger Brown – (503) 693-6089

Blake Dietze – (360) 944-7172, [wb6jhh@ix.netcom.com](mailto:wb6jhh@ix.netcom.com)

Tony Ranft – (360) 944-8489 or [ranft@saw.net](mailto:ranft@saw.net) – General repairs.

Dave Wise – (503) 293-7835, [david\\_wise@phoenix.com](mailto:david_wise@phoenix.com)

If you are willing to repair radios, give your name, phone and/or e-mail, and any comments to the *Call Letter* editor.

The Northwest Vintage Radio Society is not responsible in any disputes arising from services provided by members listed here. By common agreement of the board of directors, the buyer assumes all responsibility for the satisfaction of any transaction.

## Leads and Needs

Questions about restoration of vintage radio? Visit radiolaguy's web site often for this information plus lots of other interesting displays, photo's, virtual museum plus lots of other information on vintage radio and television. Oh, yes, there are items for sale as well and NVRS members get a substantial discount on most of these items. Thank You, Sonny the Radiola Guy  
Visit my vintage radio web site: <http://www.radiolaguy.com>

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# A Special Event: The Spring Trash Bash

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By Cliff Tuttle

At our regular March Meeting (March 13, 2004), I will be sponsoring a new event we have dubbed the SPRING TRASH BASH.

Basically, the idea is that I will pay for a dumpster to be dropped off for the weekend. Everybody who wants to participate brings their true junk and a couple of bucks to throw in a pot (to help with the cost of the dumpster. Any extra would go to the club). Then everybody gets to dig through the pile, taking home what they can use (or at least pack). People would be welcome to try and sell items, and then if it does not sell, toss it into the "dig through" pile at the end. What does not get "recycled" to members will go into the dumpster, and then off to the landfill.

When I asked a member what he thought of the idea, he suggested 'Folks could bring radio stuff no holes barred because they would know they wouldn't need to bring anything home. This would really up the variety and volume of things folks would bring.'

This is our chance to clean out our garages, our storage buildings, even our spare bedrooms, and bring out all those odds and ends we know we will never use and pawn them off on some unsuspecting soul. Pretty much everything electronics or electronics related (no kitchen sinks) is OK. (Metro says even old picture tubes can go to the landfill, though I will be trying to see if one of the many recyclers might have a better home). But to be honest, I am hoping most of this stuff finds a new home with other members.

The current plan says we start at 8:30. A starter "Dig Through" pile will be located centrally, but people can set up tables to try and sell some of their stuff. If we do not have enough tables (or if you just do not want to carry it all the way in), plan on tailgating. At any time stuff can be added to the pile. By 10:00, we all go inside for the meeting. At the end of the meeting, there will be one last shot at the pile before it is tossed into the dumpster.

Check the next Call Letter for further updates. Give me a call if you have any ideas on how to improve on the concept.

Cliff Tuttle