

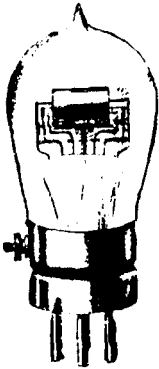
# NORTHWEST VINTAGE RADIO SOCIETY CALL LETTER

Jan. '86

Vol. 12 No. 1

## MARCONI VALVES MADE AT THE OSRAM LAMP WORKS

### 4 Electrode Valves Types DE.7 and FE.3



#### Type DE.7 DULL EMITTER

Filament Volts	1.8 volts.
.. Current	0.4 amps.
Anode and Inner Grid Volts	6—15 volts. max.

**PRICE 37/6**

#### Type FE.3 BRIGHT EMITTER

Filament Volts	4 volts.
.. Current	0.65 amps.
Anode and Inner Grid Volts	6—15 volts. max.

**PRICE 27/6**

Four-electrode valves have been manufactured by the M.O. Valve Co., Ltd., for a considerable number of years, and have been widely used in various types of commercial receivers. These two new types have been specially designed for broadcast reception.

#### **ADVANTAGES:**

- Reduce bulk of H.T. Battery required.
- Give greater range for same number of valves.
- Provide a variety of interesting circuits for the experimenter.
- Economical in current consumption.
- Low value of inner grid current.
- Fitted with standard 4-pin cap, the inner grid being connected to a terminal on the metal cap, thus obviating the need for special valve holder.

*Obtainable from all leading Wireless Dealers, Electrical Contractors, Stores, etc.*

MANUFACTURERS (WHOLESALE ONLY)  
**THE GENERAL ELECTRIC CO., LTD., Magnet House, Kingsway, W.C.2**

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- 

Editor In Chief	Dick Karman	288-1285
Meeting Minutes	Dan Howard	761-7799
Advertising	Jerry Talbott	649-6717
Membership	Ed Charman	654-7387
Acquisitions	Robert Teague	653-0077

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The Northwest Vintage Radio Society is a nonprofit organization incorporated in the State of Oregon. Meetings are held on the second Saturday of each month (except July and August) at the Buena Vista Clubhouse in Oregon City (see page 3).

The CALL LETTER, the official publication of the Northwest Vintage Radio Society, is published monthly. Address all correspondence & contributions to 2515 NE 37th Ave, Portland, OR. 97212, in care of the Editor.

# Same Time

## Same Station

DATE : January 11th, 1985  
TIME : 10:00 AM  
PLACE : Buena Vista Clubhouse  
ADDRESS : 16th & Jackson Streets  
Oregon City, Oregon

-----  
JANUARY IS THE MONTH TO PAY 1986 DUES.  
ALL DUES ARE PAID ANNUALLY. MEMBERS NOT  
CURRENT BY THE FEBRUARY MEETING WILL NOT  
HAVE THE BENEFIT OF BEING INCLUDED IN  
THE TRADING ROSTER PUBLISHED IN MARCH.  
(see page 16)  
=====

The business agenda includes instalation of the new officers, discussion of the calendar of events for the new year, reservations for the society banquet, a vote on modifications to the by-laws, & a motion to accept the responsibilities of owning the clubhouse, if it's offered to us.

Your new president, Bill Devey will be handling the business and new secretary Dan Howard will be recording the goings on.

-----

Directly following the meeting will be the first society auction of 1986. Bill Devey & Art Redman will be handling the auction block. PLEASE provide them a list of items to be auctioned. Place a number on the items which correspond to an item number on the list. Also list any minimum bid ON THE LIST (not on the item).

+++++



# ATMOSPHERICA

By J

Many years ago I used to know  
the name of every set-  
All brands here and some abroad,  
I seldom missed a bet.

Time has taken it's toll,  
yet I still recall a few;  
Old trademarks on the radios,  
some names ever new.

The buffs collect some rare old things  
Made many moons ago,  
But choice among them I believe  
Is the Orphan Radio:

The priceless kind one seldom finds,  
Whose pedigree is dim;  
The chances of finding one are just  
dog-gone slim.

However long the odds may be,  
the reward is many fold.  
To nail a "Plimpton-Six", by gosh,  
is worth it's weight in gold.

I've snooped around in attic rooms,  
both here and far away.  
But so far my luck has been,  
THIS '38 RCA !!

-----  
From the Tom James Collection  
Originally published Apr. '75  
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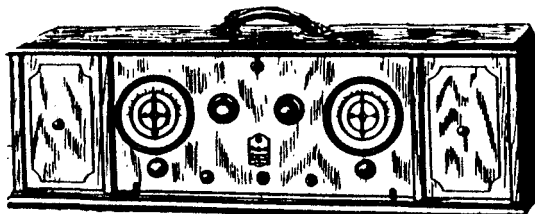
## J A N U A R Y   1 8 T H   B A N Q U E T

The NORTHWEST VINTAGE RADIO SOCIETY banquet has been scheduled for January 18th, six o'clock, at the SPEAKEASY restaurant on the lower level of the Aloha Mall, 18641 SW Tualitin Valley Highway.

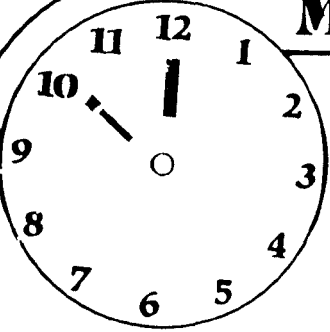
The cost will be \$9.95 per person, which includes soup, salad, a choice entree, dinner rolls, desert & gratuity.

Jerry Talbott has taken charge of entertainment and, with the help of Dick Karman & Dan Wills, plans to have video of radio history & rare footage of radio's past. The video tapes are not only of interest to radio collectors but are also very entertaining to wives, prospective members, and the like. Invite some of the above to join you for a evening of friendship.

Reservations must be made with Jerry Talbott by the January 11th meeting. If you can't be at the meeting, call Jerry and he will sign you up.



# Meeting Minutes



The December 14th meeting was called to order at 10:13 A.M. by Pres. Dick Karman. The minutes of the November meeting were approved as published in the **CALL LETTER**.

The Treasurer's report was given & accepted. The current balance is \$384.46.

## GOOD AND WELFARE:

Frank Plaisted was unable to attend due to illness.

## OLD BUSINESS:

Jerry Talbott asked for suggestion for entertainment for the club banquet in January. Information about time & place will be published in the January Call Letter.

Call Letter Editor Dick Karman reported that approximately 250 copies of the December newsletter were mailed to the membership of Marconi's Cronies, Puget Sound Antique Radio Association, other clubs as well as previous NVRS members. Hopefully this will generate interest & increase membership.

Bill Devey and Art Redman will conduct the January Club Auction.

Additional nominations for Society officers were as follows: Vice President - Jerry Talbott; Member-At-Large - Sonny Clutter and Al Shadduck.

The following were elected to serve as 1986 officers:

President -	Bill Devey
Vice President-	Jerry Talbott
Secretary-	Dan Howard
Treasurer-	Ed Charman
Corr. Secretary-	Dick Karman
Member at Large-	Al Shadduck

NEW BUSINESS:

The Buena Vista Club plans to disband in 1986. Our Society may be offered the title to the clubhouse, or it may revert to the city of Oregon City. Financial considerations were discussed, and the President requested that comments be submitted for publication in the **Call Letter**. The question of acceptance will be voted on at the January Business meeting.

The raffle of the book 70 Years of Radio Tubes and Valves was won by Dick Karman. Door prizes were awarded.

Leads and needs were given, and the meeting adjourned at 10:55 am, followed by a buffet lunch and gift exchange.

Jim Mason,  
Secretary

=====  
C l u b h o u s e   U p d a t e

There exists a possibility that the Buena Vista Club will relinquish title to the Buena Vista clubhouse. This may be necessitated by the disbanding of the Buena Vista Civic Club. If it is possible legally and feasibly, officers of the Buena Vista Club have discussed the possibility of turning the title and the building over to the NWVRS. There was to be a decision made at their December meeting. The scheduled meeting of the Buena Vista Club was cancelled.

Officers of the Northwest Vintage Radio Society will be in communications with the Buena Vista club and will report any further developments as they become known.

## A SHORT HISTORY OF RADIO

In the 1800's it was noticed that electrical currents and spark discharges caused various effects on objects at a distance. Nearby gas flames would flare and dim, dust particles would clump together, and sparks would jump between closely-spaced objects. In 1865 James Clerk Maxwell proposed that these phenomena were results of electromagnetic waves that emanated from the electrical source. In 1887 Heinrich Hertz demonstrated the existence of these waves & greatly improved the equipment for their generation and detection. In 1892 Sir William Crookes suggested that these waves could be used for communications purposes by sending signals in Morse code in the form of a wireless telegraph system. During the 1890's Guglielmo Marconi worked toward this end and by 1899 he had developed the first practical transmitters and receivers for radio communications.

A giant step forward occurred in 1906 with the invention of the vacuum tube by Lee DeForrest. Tubes could amplify the received signals, greatly increasing the sensitivity of radio receivers. Tube-type transmitters & receivers also made possible voice transmission. Previous equipment was incapable of producing voice transmission of adequate quality and radio communication had been in the form of the dot-and-dash Morse code.

At this time radio equipment was used mainly for specialized purposes such as military and ship communications and telegraph services. In 1916 David Sarnoff proposed that radio sets be developed for home use, bring music, lectures, sports events, news and other entertainment. Efforts were now directed toward manufacturing radio sets for the home.



In 1921 the presidential election results were broadcast to the general public. This was the first large-scaled public broadcast to be made. It caused a sensation & interest in radio soared. Many manufacturers now began to make radios for home use and the number of radio sets & broadcasting stations increased rapidly.

The late 1920's and early 1930's saw rapid development in radio technology. Until about 1926 radio receivers required batteries for operation, but around 1927 tubes that could operate on AC current were developed. Around 1930 screen-grid tubes (tetrodes & pentodes) were developed. These tubes had much greater amplifying power than the previous types and they greatly reduced feedback which had caused squealing and howling in the early sets.

In the early 1930's the superhetrodyne receiver was introduced. In this type of set signals tuned in are converted to a single, lower frequency before amplification & detection. The superhet was superior to all previous types in sensitivity, selectivity, and stability. It quickly replaced all other types of sets. Also in the early 1930's the AVC circuit was adopted. With this circuit a voltage proportional to the strength for the incoming signal was used to control the sensitivity for the set so that strong or weak signals gave the same volume of sound. This eliminated the tedious readjustment of the volume control for each station tuned in.

By the mid-30's the home radio set had been developed to nearly it's modern day form. The only other major change came in the mid-1950's with the replacement of vacuum tubes by transistors.

To all the members  
and especially to  
those who helped  
with the work of the  
*CALL LETTER,*  
*Many Many*  
*Thanks*

and may you find  
time to help your  
new President !

① Dick Karmann  


AC·CES·SION /ik- 'sesh-ən, ak-/

1. acquisition of additional property
  2. to record in order of acquisition
- 

Dan Howard

National Kit radio

Dick Howard

Rola Highboy speaker

Robert Teague

Airline mod 04wg-7318 AC/DC set

Packard Bell mod 46-d

Admiral loaf of bread no mod

Nordco Mod 4 -cathedral in a basket-  
c. 1933

2 Zenith Transocianics

Jim Mason

Unusual "THE CRYSTAL DYNE" crystal set

Ed Charman

Radiola 24 suitcase radio

Majestic 70-B console

Rathkey Drum Speaker (leather cover w/  
roses on the feet)

Freed-Eismann NR-5

American-Bosch Model 38

Jerry Talbott

1934 Crosley "Deluxe" 5V2 Tombstone

Mid-30's radio/phono portable

Several U.S. made Transistor sets

2 early Japanese sets

(future collectibles)

Puget Sound Antique Radio Association

-TRADIO-

FOR SALE Hickok tube tester mod. 6000-A-B & 6005; Hickok universal adapter mod. CA-5, Solar capacitor analyzer & resistance bridge CB models; Hickok vacuum tube volt ohm milliammeter model 125; Supreme tube & battery tester mod. 589; Radio tubes; CONN strobotuner for pianos and organs; R. Ulijohn 2012 N. Standard, Spokane Wa. 99207 509-287-6644

WANTED 2nd I.F. for Majestic model 461 (175 kc), Peter Pan radio, Mickey Mouse radios, Radiola IV, Halicrafters S-38B, Colored plastic mirrored glass and art deco radios, Pilot magnifier for 3" T.V. Ken Korhonen, 4022 41st Ave. SW, Seattle, WA, 98116, 206-932-9363.

WANTED Terminal Strip cover for Superpro Power Supply. Jerry Cappoen, 8220 71st St. Ct. NW, Gig Harbor, WA, 98335, 206-858-7235

WANTED Pilot Wasp receiver have sets to trade, or cash. Wanted a cone speaker with a ship on the front like "The Enchanter" made in Seattle. Jim Barrows, 15121 41st Ave. SE, Bothell, WA, 98012, 206-337-4880.

Wanted Military radios, Manuals, Canvas, Mounts, control boxes, anything. European table radios, Early transistor "TransOciatic-type" sets, beginners, or toy kit radios, experimenter's magazines for the 50s Short Wave Craft, Radio-TV experimenter. Single channel religious radio station receivers, "Holy Cards" of all types. Hugh Miller 11206 First Ave NE Seattle, WA 98125. 206-365-3684 days, or work 206-451-5334 four to midnight.

# Cascade Surplus Electronics



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Store Hours: Friday and Saturday 10:00 A.M. To 6:00 P.M.  
Sunday Noon To 4:00 P.M.

**8221 North Denver Avenue  
PORTLAND, ORE. 97217**

**GARY W. STELLER, OWNER**



W

# Swap Shop

FREE Hallicrafter 21" console T.V. in a blonde cabinet. Vintage 1954. "MUST GO" JOHN TUERCK 7480 SW CANYON LN PORTLAND, OR 97225 , 503-292-3607

WANTED Early Rare tubes, have duplicates for trade.

FOR TRADE Predicta's (1) 17" & (1) 21" Pedestal. C.E. CLUTTER 14330 NE FREMONT CT , PORTLAND , OR 97230, 503-254-9296

FOR SALE ERLA console Model 224. \$55.00 USED TUBES 25¢ each 6SA7, 6K6, 6F6, 6F5, 12SK7, 12SA7, 6SK7, 6X5, 6H5, 6J5, 6A5, 6A8, 6Q7, 6N7, 12K8, 6L5, 6SN7, 25L6, 6S7, 50L6, & 5Y3. ART REDMAN, 5111 SE TOLMAN, PORTLAND , OR 97206 503-774-9913

WANTED VT-1 tubes (3 of them) Dummys OK RAYMOND C NELSON, 3786 SE 8TH AVE, PORTLAND , OR 97202, 503-233-5063

WANTED Philco Model 90 cathedral. Will pay a reasonable price. JAY MALKIN 4505 SW 142ND ST #143 BEAVERTON OR 97005 503-643-9450 WORK 226-7391

WANTED Any receiver in the RCA 56X series, condition not important. ROBERT BECKER BOX 355 KENT , WA 98032

WANTED BADLY Mid 60's Fisher Stereo Power amp mod. 59-A or fisher interstage coupling transformer No. T-1068-116-1 STEVE CROWE 1603 SEQUOIA SPRINGFIELD, OR 97477 , 503-726-9671 Days= 503-686-4502

**NORTHWEST VINTAGE RADIO SOCIETY**

President----- Bill DeVey 635-6746

Vice President--- Jerry Talbott 649-6716

Treasurer----- Ed Charman 654-7387

Recording Secretary- Dan Howard 671-7799

Corresponding Secretary -----  
Dick Karman 288-1285

Librarian----- Chuck Kibler 678-5066

Member-at-large--- Al Shadduck

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**JA MAC PRODUCTS**  
**SPEAKER RECONING ALL MAKES**

**8600 NE Sandy Blvd**  
**Portland, Or 97220**

**503-252-2929**

**NORTHWEST VINTAGE RADIO SOCIETY**

Regular membership           \$15.00

Associate Membership       \$12.00

Associate memberships are accepted from persons outside commuting distance of the Portland Metropolitan area.

**NAME** \_\_\_\_\_

**ADDRESS** \_\_\_\_\_

**CITY, STATE** \_\_\_\_\_

**PHONE** \_\_\_\_\_

**VOCATION** \_\_\_\_\_

**SPECIAL INTERESTS** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Mail membership information and dues to the Northwest Vintage Radio Society P.O. Box 02379, Portland Oregon, 97202

Membership includes monthly newsletters, ten monthly meetings (all except July & August), two swap meets and two auctions each year, as well as a trading roster of members, and unlimited "want ads" in the CALL LETTER.

Check here if you **don't** wish to be included in the 1986 trading/membership roster..