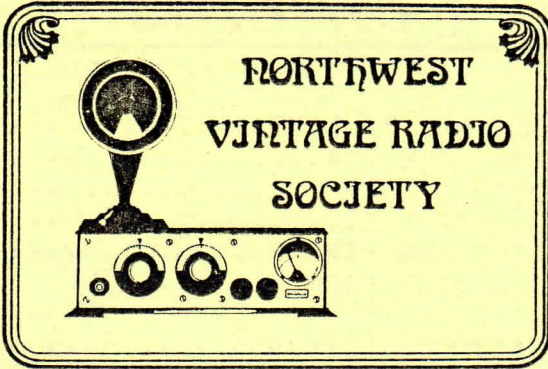


VOL. 7  
No. 6



JUNE  
1981

# CALL LETTER

## A LOUD SPEAKER *and* REPRODUCER IN ONE **BRISTOL AUDIOPHONE**

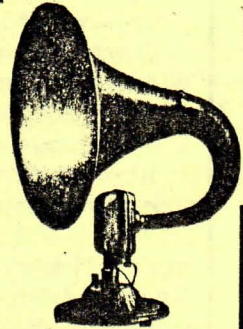
**MORE THAN A LOUD SPEAKER** the AUDIOPHONE is a real reproducer of the original broadcasting. It is easy to listen to the Audiphone reproduction, because they are so perfect. The speech, songs and instrumental music are not blurred or disguised by mechanical distortion. You get all the fine shadings and every inflection. In fact, the very personality of the artist seems to be present as you listen.

**DEVELOPED** in the laboratories of an engineering firm known the world over for recording instruments of precision.

**COMPLETE** in every way and ready to connect to the receiving set.

**NO AUXILIARY BATTERIES** are required for magnetizing.

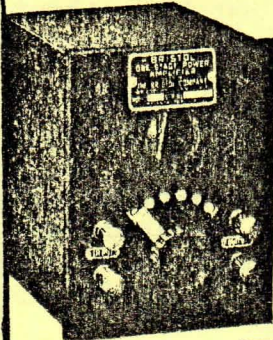
**ADAPTED** for use on all types of two or three stage power amplifiers.



### THESE ARE AUDIOPHONE

**MADE IN TWO MODELS:**  
BRISTOL AUDIOPHONE  
SR, Loud Speaker, Size of  
Horn 15 inches  
Diameter.  
Price..... **\$32.50**

BRISTOL AUDIOPHONE  
JR, Loud Speaker, Size of  
Horn 11 inches  
Diameter.  
Price..... **\$22.50**



THE BRISTOL SINGLE  
STAGE POWER AMPLIFIER  
for use with the usual two-stage  
amplifier can be furnished, which  
will greatly increase the range  
of the Audiphone  
where  
desirable. **\$25.00**  
Price.....

Write for Bulletin 3006-X

## THE BRISTOL COMPANY, WATERBURY, CONN.

Pacific Coast Branch Office Rialto Building, San Francisco

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## CALL LETTER

The Call Letter is a monthly publication of the Northwest Vintage Radio Society, a non-profit organization, incorporated in the state of Oregon. Meetings of the Society are held on the second Saturday of each month, normally, at the Buena Vista clubhouse located at 16th and Jackson Streets, Oregon City, Oregon. Meetings convene at 10 o'clock A. M.

\*\* \*\* \* \* \* \* \*

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\*\* \*\* \* \* \* \* \*

Feature articles are contributed by members under various by-lines. Please send all contributions to the editor.

\*\* \*\* \* \* \* \* \*

Call Letter address: P.O. Box 02379  
Portland, Oregon 97202

Since the By-Laws of our Society have never been published for the membership, they will appear in a series of installments, beginning with this issue. Ed.

BY-LAWS

OF

THE NORTHWEST VINTAGE RADIO SOCIETY, INC.

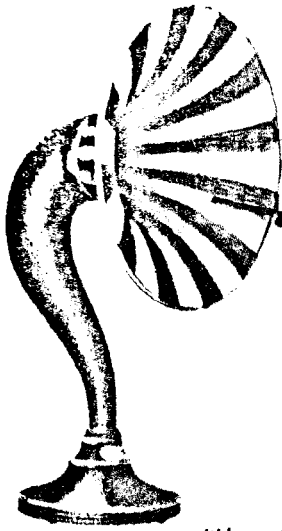
ARTICLE I: MEMBERS

Section 1. Regular Members: Regular membership shall be conferred upon and retained by those individuals making timely payment of all proper dues assessed against the regular members of this organization. Such membership shall be particular to the individual person paying the dues. Only the regular members of this organization shall possess voting privileges on those matters requiring a ballot.

Section 2. Associate Members: Associate membership shall be conferred upon and retained by those individuals making timely payment of all proper dues assessed against the associate members of this organization. Such membership shall be particular to the individual person paying the dues and shall be restricted to those individuals residing 100 miles or more from Oregon City. Associate membership shall confer all privileges of regular membership except the right to vote.

Section 3. Honorary Members: Honorary membership shall be conferred upon and retained by those individuals who, in the eyes of the regular members, have contributed much to the state of the art of radio broadcasting, communications, or other fields relating to the historical aspect of this organization.

(continued on P. 10)



# ATMOSPHERICA

By J

Raison d'etre

Why do we collect old sets  
In an age of super-jets;  
Solid-state in super-hets?  
It's no mystery to me.

Why do we go miles astray  
To get an old Cockaday,  
Over fifty years passé?  
It's no mystery to me.

Why make such a fuss about  
A tiny little circuit doubt  
Of a green wire coil that's out?  
It's no mystery to me.

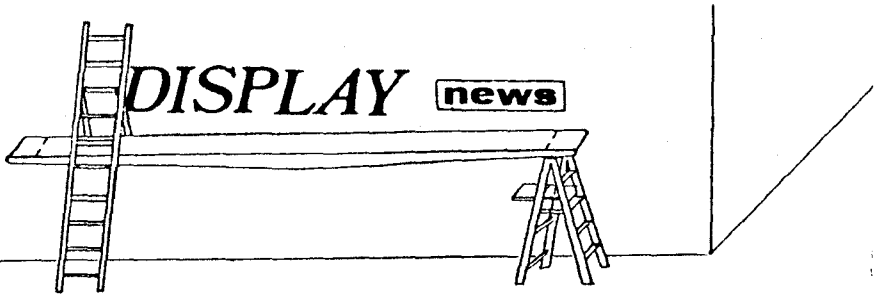
We love that which has endured  
Problems many, later cured;  
Stepping stones to now, insured--  
It's no mystery to me.

Building blocks of yesterday  
Products of our work and play,  
These are reasons I can say,  
It's no mystery to me!

\*\* \*\* \* \* \* \* \*  
\* \* \* \* \*

Mamma Goose # 13

A gal north of Hubbard went to the cupboard,  
To get her poor puppies a bone.  
But some wires on the floor tripped her out thru the door,  
If you see her, call 678-5066



## A Talking Display!

The Georgia Pacific Museum display will have a Voice. Actually it will have several.

The major voice will be in the "radio panorama room". This room will be equipped with a "program repeater", much like the ones used in the Western Forestry Center and OMSI. With this, each of the approximately seven display areas will have a speaker of it's own, and in turn, recite it's narrative, upon request. This "story" can last from 30 seconds to 30 minutes at each station.

A second voice will be in the video viewing room. This area has seating for a small group to view video tape. Our tape will give a brief history of radio. Portions of the narrative will be borrowed from books like Vintage Radio, and Steele's A Pictorial History of Radio. The video will be cross-fades of slides and possibly of some movie footage of early radio.


Still another voice will provide background audio in the general area of the museum. An endless loop tape cartridge will play radio show themes, commercials and news from the "golden age".

All of the voices to be used in the display are being provided through donations to the NVRS of time by broadcast personnel in the Portland/Salem area.

The Georgia Pacific Museum personnel have confirmed our display dates as Oct. 6th, 1981 through Jan. 8th, 1982. By our June 13th meeting, GP will have selected one of the titles which we offered and will have begun an advertising campaign for the display.

If anyone has some free time they would like to give to the displays committee, contact one of us:  
Andy Bell, Dick Karman, Mike Collister, Ed Charman.

Things to come: A Photo inventory of your collection.  
(tune in next month, same page)

Thanks to All 

# OUR PEOPLE

BY  
HUGH RANKEN

The theme for the display at our May meeting was books, literature, periodicals - anything in printed material pertaining to old time radio. Attendance was good and almost everyone contributed something to the display. Interesting to note the diversity of literature that appeared when home radio became popular back in the '20's and '30's -- from technical instructions and "how-to books", to the juvenile fiction of the "Radio Boys" and for the bedtime story set, Uncle Wiggly's adventures with his new crystal set.

Considerable interest has been displayed in having classes covering the restoration, repair and theory of old radios. It is proposed that classes follow the regular monthly meeting and run for about 30 minutes. A very worthy project and certainly worth a few additional minutes each month.

Build a one tube set by the August meeting and participate in our latest contest. You can use any type of power, battery or A.C. but the set must work. The prize for best of show is a super chassis holder donated by Don Iverson. This holds a chassis firmly while working on its innards; a nice addition to your shop. The judging committee will be selected at the June meeting.

In mid 1941 the radio industry was looking to FM as a great new sales potential in the home radio field. They were extolling the virtues of "fidelity, life-like reproduction and the absence of static". However, on the minus side was the need for special, and often cumbersome, antenna equipment, more patience and accuracy in tuning and at that time, the limited number of FM stations available to home listeners.

Of course, in December 1941 came Pearl Harbor and the start of WWII which put the FM program pretty much on hold while manufacturers turned to war contracts. Although FM had been invented in 1933 by Major Armstrong, it seems that it was quite some time after the war before it was incorporated with AM in home sets. "Complete with all antennas" -- that was a clinching argument back in 1945 when a real estate salesman showed a prospective buyer a new home. And it was a worthwhile item to have this installation complete and ready for use, for in the event of scattered FM stations, two or even three antennas, properly aimed might be needed. These antennas were said to be suitable for television, about which there was great public interest. In 1945 the prediction was that 5 million TV sets would be sold in the succeeding five years.

If you are an early riser you can get in on some old time radio over Station KKEY, starting at about 6 A.M. I have heard some good tapes on Jack Benny, Amos 'n Andy and Fred Allen. I assume this a daily program, probably an hour.

The display for our June meeting will be one tube commercially built radios. Radiola and Audiola were probably the most popular and best known in this area, however, according to the Collectors Guide, some other one tubes were Amrad, Chelsea, Grebe and Concert Monotube, all from the early to mid 1920's.

See you at the next meeting - June 13. Let's have a good turn out and display of one tubes.

# *Bits and Pieces*

The "Power Supply" column will appear henceforth on an occasional basis as circumstances warrant.

Your editor would like to call your attention to the recent new feature, "Display News", by Dick Karman, and the plans for the upcoming Club display at the Georgia Pacific Museum. This undoubtedly will be the best exhibit ever staged by our Society, and I urge the members to give the display committee their full support to make this a really interesting and outstanding show.

Mrs. Barry Hoaglin informs me that a second "open house" for the sale of Craig Hoaglin's collection will be held beginning at 9:00 a.m. June 13, at the Hoaglin residence, 3246 Forest Gale Dr., in Forest Gale Heights west of Forest Grove. Offers will be accepted for the contents of the workshop, including test equipment, tubes, parts, and manuals, to be sold as a single lot only.

## Service Hint by Jerry Talbott:

An old radio and TV repairman taught me two quick checks that help divide up a radio circuit. To check the audio amp section: touch a screwdriver to the wiper (center terminal) of the volume control, allowing your finger to touch the screwdriver shaft so you act as a "noise generator". Turn the control up and down to see if you get sufficient volume. This just tells you how the gain is and won't help in locating distortion, etc.



The other check is the local oscillator section: tune the defective set to mid-band, volume down. Tune a working set alongside to mid-band, off station, volume up. Now work the tuning back and forth near mid-band on the bad set and listen for a "zero beat" on the good set. It will sound like a whistle increasing until nothing (zero beat). If the bad radio checks on this test, you usually will find the trouble further back - IF, etc.

"To be able to lounge in the easy-chair at home before the fireplace and pull spirit voices out of the cold wintry sky is a luxury fit for the gods. Yet it is a luxury within the reach of all. To-day a man can walk into an electrical supply shop, a department store, or a phonograph establishment and come out with a package containing a complete radiophone. It will be already assembled so that it can be put into use immediately. There will be no hammering, sawing, or screwdriving necessary for its installation. The little box containing the apparatus can be placed on the living-room table, since it is neither unsightly nor clumsy. The works of Homer, Shakespeare, Dickens, and Maupassant have always graced the living-room tables of intelligent people, and now the great book of radio can be added. It is the most interesting of all. There is no subject that is not between its pages."

From " The Complete Radio Book"  
By Raymond F. Yates & Louis G. Pacent  
Copyright, 1922 by The Century Co.

Contributed by Chuck Kibler

The privileges of honorary membership shall be identical to those conferred upon associate members, but no dues shall be assessed against such honorary members of this organization.

Section 4. New Members: Individuals may become regular, associate or honorary members of this organization by (a) submitting a written application for such membership to any officer of this organization, or (b) through nomination by a member at any proper meeting of the members of this organization. New Membership shall be conditioned upon (a) approval of the new member by a majority vote of a quorum of regular members at any proper meeting of the members, and (b) (for regular and associate members) the payment of one year's dues assessed against the particular class of the new member.

Section 5. Revocation of membership: Membership can be revoked by a majority vote of a quorum of the Board of Directors at any proper meeting thereof. Such revocation is subject to ratification by a majority vote of a quorum of regular members at any proper meeting of the members prior to becoming effective.

Section 6. Meeting of Members: The annual meeting of the members shall be held on the second Saturday in January at the time and place selected by the Board of Directors. The purpose of the annual meeting is to transact such business as may legally come before the members. There shall be additional monthly meetings of the members at times and places to be selected by the Board of Directors. The purpose of such meetings shall be to transact such business as may legally come before the members at such times.

(to be continued)

# Old Time Radio

THE OREGONIAN RADIO STATION, KGW  
by Saul Emanuel

The newspaper radio broadcasting station, according to authorities, has played an important role in the development of the new and fascinating science, radio. In fact the astounding rapid development of the radiophone all over the country can easily be said to be mainly due to the fact that scores of newspapers in the United States installed stations of their own and gave considerable space in their pages to the interesting features of the science.

Station KGW, the radiophone station of the Morning Oregonian, Portland, Ore. which is operated in conjunction with the Portland Branch of the Ship Owners' Radio Service is the pioneer radiophone station in Oregon operated exclusively for a newspaper.

The station was installed in the early part of March, 1922, by J. B. Weed, manager of the Ship Owners' Radio Service, Portland, after having been assembled and tested out in the New York laboratories of the company, and shipped to Portland.

Tests made by Mr. Weed proved that for a small power station KGW developed considerable energy, as reports were received from many hundreds of miles away from enthusiastic fans.

Miss Edith Mason, of Chicago grand opera fame, christened the station with a wonderful vocal recital and was the first of many prominent entertainers who have sent their efforts out into the air from the Oregonian radio tower.

Station KGW is installed in the Oregonian clock tower in a room 24 feet square, which is about 130 feet from the street level. A four-wire antenna, 87 feet long, stretched between a 65-foot high steel tower on the building

roof and the top of the clock tower, was used for the first two months of broadcasting. Since then, however, several changes have been made. The aerial has been raised to the height of 98 feet from the roof and about 240 feet above the street level, by the addition of a steel pole above the steel tower and another on top of the clock tower.

When the station was first installed, the "L" type aerial was used. This now has been changed to a "T" type, which is proving far superior for short wave radio transmission.

Just below the antenna and about 12 feet above the roof is stretched a counterpoise ground consisting of a spread of ten wires running parallel to the antenna wires. The ordinary ground, the water pipe system of the building, was found to be of little value as the steel frame of the building had a tendency to absorb a great deal of energy, thus affecting the radiation

(to be continued)

From: "RADIO WAVES", September, 1922



JA MAC PRODUCTS

Speaker Re-Coning  
All Makes

8600 N.E. Sandy Blvd  
Portland, Oregon 97220  
252-2929

The advertisement features a central white text box with a black border, surrounded by several black and white illustrations of different types of speakers and horns. The speakers vary in size and shape, including a large horn, a smaller circular speaker, and a rectangular speaker. The background of the advertisement is a dark, textured grey.

# Olé! by T.J.

We're still getting a few items trickling thru to club members, although big finds are getting much scarcer and real old stuff is almost non-existent. How some ever, here's the scoop this mo.

John McConnell: G.E. table rcvr. , Eico 666 tube and transistor checker, 1000 or so tubes and other misc. gear.

Don Iverson: An Airline 16 tube job, plus a tube or two. ( I think Don bought this one to get the tubes it contained! ed. )

Jim Mason : A Straight 8 Preiss, w/tubes (OIA's) Freed-Eismann PR7 w/ol Ar, Rola floor stand speaker in fine condition, A.K. #545 Tombstone (restorable) 1936 or therabouts., New battery test meter w/orig. box, Misc. parts, mags. etc.

Your editor came up with mostly trivia, such as : Deck of Atwater Kent playing cards, new cond. in box, Philco signal generator in excellent shape both inside and out, Old plugs for my old speakers, 30 and 50 watt ww resistors in values useful in old power supplies. An Aunt Sammy cookbook which I'm turning over to Dorothy with appropriate instructions as to my intent (?)

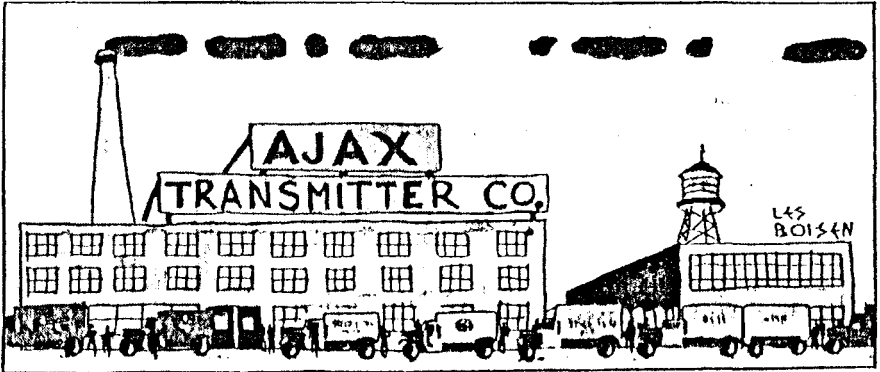
Pat Stewart of WallaWalla, Wa. picked up a few goodies too on the same scavenger hunt that Jim Mason and myself attended at Spokane on the 24, 25 Apr. I hope to report Pat's finds next issue of Olé!

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\* \* \* \* \*

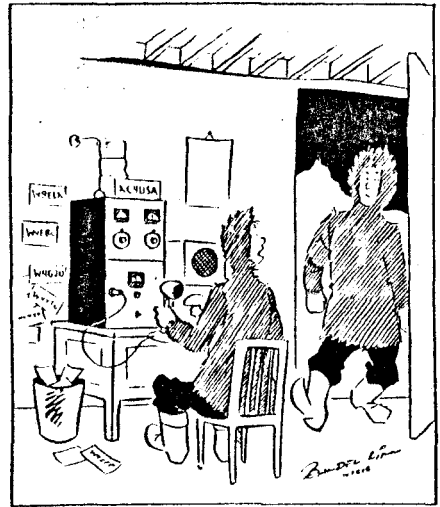
Judge Factor

Vintagers and fishermen are alike, they say.  
Both hunt for prizes, though miles astray;  
Both like to brag  
About wonderous swag----  
And the ones they saw get away !

# CARTOON CLIPPINGS



"The Philharmonic program will not be heard. Instead we present the ..."



"Message for you! You're wanted for jury duty back in Indiana."

# I Q Primer...

by THE PROF.

Here's a new word charade that may be a little more difficult than the last one:

My first is in first, but not in deduce.  
My second is in bus wire, for carrying the juice.  
My third is in occult, but not in seer or pale.  
My fourth's not in candy, but in cookies, not stale.  
My fifth and my sixth are in scrambled (with grease).  
My last's in DeForest, may he rest in peace.  
My whole is a gadget found in most early sets,  
one tube, or fives, sometimes super-hets.

\*\*\*\*\*  
\*\*\*\*\*

Last month's answers with the incorrect item to be checked are as follows:

1. de-tuned oscillator
2. rectifier tube out of socket
3. plug not in wall socket
4. shorted voice coil in speaker

I hope all you neophytes got a hundred on these, if not, I'll not let you work on my sets!

\*\* \*\* \*

Mamma Goose #14

Little Bo Peep  
Is losing her sleep,  
Listening to Rudy Vallee.  
Her daddy fixed that  
With a rat-a-tat-tat,  
He walloped her little Pathe!

\*\* \*\* \*

Once again I implore you, I'm not getting much input on ideas for this feature of the Call letter. Call me or write or corner me down at the meeting of the club and give me some ideas of your own to help it along.

# SWAP SHOP

- FOR SALE                    Greatly reducing my collection,  
low prices. Harley Perkins, Ph.  
223-2780.
- FOR SALE                    1940 Zenith Chairside Model 7S529.  
\$75, 1952 Garrard record changer  
Model RC 80 in "Hunter" cabinet,  
\$25, Rider's Vol. 14, \$71.50.
- WANTED                     Phono oscillator, used to trans-  
mit record player output thru  
radios. Jerry Talbott. Ph.  
649-6717, home; 627-1675, work.
- TRADE                      I have a number of 30's and 40's  
magazines to trade for equivalent  
literature. Bill De Vey, Ph.  
635-6746.
- WANTED                     Dial light hood for Brunswick  
radio. Crosley music cone speak-  
er. Art Redman, Ph. 774-9913.
- WANTED                     Rider's Vol. I. Escutcheon for  
Echophone cathedral. Robert  
Teague, Ph. 653-0077.
- WANTED                     Atwater Kent Model 55 or 60  
chassis and speaker. Jim Mason,  
Ph. 644-2343

Received a tip that W. W. Poole has a very  
nice A. K. Model 40 & speaker for sale at  
\$125. Also a quantity of old tubes. Ph.  
281-5816

**JM**