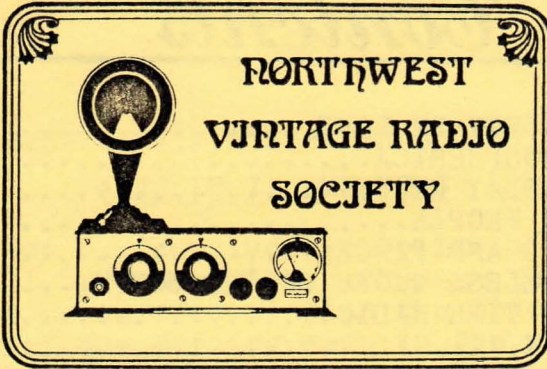


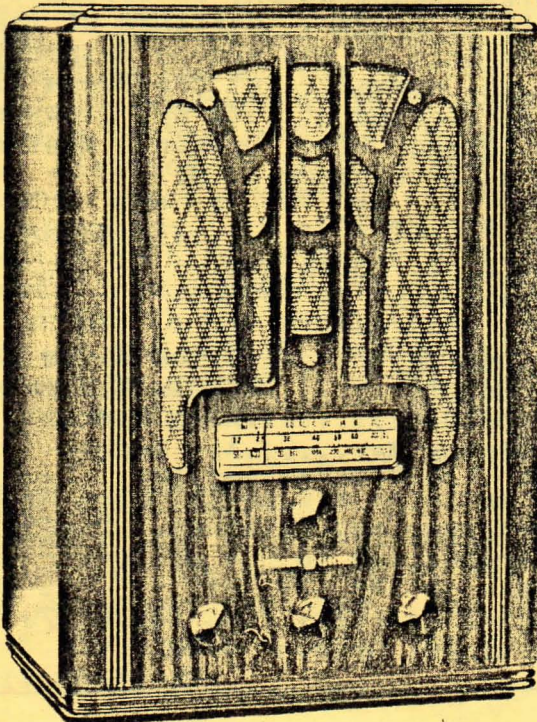
VOL. 7  
No. 7



JULY  
1981

# CALL LETTER

MODEL E-71  
GENERAL ELECTRIC RADIO



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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.

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Portland, Oregon 97202

## BY-LAWS

OF

### THE NORTHWEST VINTAGE RADIO SOCIETY, INC.

#### ARTICLE I: MEMBERS

Section 6. (concluded) Notice of all meetings shall be accomplished through the organization's newsletter stating the place, day and hour of the meeting and, in the case of a special meeting, the purpose or purposes for which the meeting is called. Such notice shall be delivered not less than seven days nor more than 50 days before the date of the meeting.

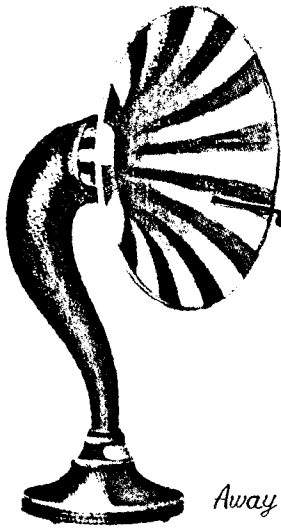
#### ARTICLE II: OFFICERS

Section 1. General: The officers of this organization shall be: President, Vice-President, Treasurer, Recording Secretary, and Corresponding Secretary. Officers shall be elected by regular members in good standing by written ballot. Nominations for each particular office shall be had at the November monthly meeting of the members of this organization. Only regular members shall be eligible for nomination. Election of officers shall be had at the December monthly meeting of the members of this organization. An officer shall be considered elected upon receiving a plurality of votes cast for the office in question. The term of office is one year for all officers, beginning at the annual meeting, at such time as the gavel is passed from the former President to the newly elected President.

Section 2. Duties: The duties of the officers shall be as follows:

President: The President shall preside at all meetings of the membership, and at the Board of Directors meetings. The President shall set the time and place for the Board of Directors meetings.

(continued on P. 10)



# ATMOSPHERICA

By J

*La Table Des Hommes. Cinq, et de Car*

Andy Smith, Andy Smith,  
Lend us your grey Van,  
That we'uns can take in  
A Swap in Spokane,  
Said Joey Thom, Mister Stewart, Tommy  
Jay, old uncle Don Ivey, and Jim.

Away they all went leaving  
Clouds of blue haze,  
With visions of old radior  
Bedimming their gaze--  
Joey Thom, Mister Stewart, Tommy  
Jay, old uncle Don Ivey and Jim.

Smitty now sits, all sour and glum,  
Awaiting the sight of his Van;  
As the weeks roll by without news,  
He cusses the five to a man!  
Joey Thom, Mister Stewart, Tommy  
Jay, old uncle Don Ivey and Jim.

There's many a soul who'll aver,  
And swear loud to this day,  
That the five met the "Curse of the Kents"  
It's said they found on the way.  
Joey Thom, Mister Stewart, Tommy Jay,  
Old uncle Don Ivey and Jim.

But what ever the fate of that crew,  
It's said oft-times in Palouse,  
There's a driverless Van that is seen  
Speeding over the fields on the loose!  
With Joey Thom, Mister Stewart, Tommy Jay,  
Old uncle Don Ivey and Jim.

\*\*\*\*

# DISPLAY news

Hello again.

Our next display, like many more, will have a slide screen to display items which cannot be placed in the museum. In the Georgia Pacific building, this is a rear-projection screen placed in the concourse. All of the G/P employees and the public who use this subterranean sidewalk can view this everchanging display twenty-four hours a day. This effectually is a fullcolor billboard of the exhibit which is currently in the historical museum. The NWVRS will be able to project 180 (larger than life) photographs of Vintage Radios.

With this in mind, I have talked to several members who have voiced a long-standing desire to have a "brag book" of pictures of their radios. I haven't, so far, found anyone who has actually done this. With this upcoming display as a springboard, members who are interested in developing a "photo-inventory" of their radio collection, and are willing to have some photos in the G/P display, should start now. I'd like to help anyone interested. I'll pass around a sign-up sheet at the next meeting.

The public relation persons at the Georgia Pacific corporation have asked us to use a name which they pieced together from the names that we suggested:

VINTAGE RADIO,

*timeless memories from wooden radios.*

It may not be our favorite, but I think we can manage for this season.

Things to Come:

"lotsa work", G/P display opens in October

Lists of items you'd like to display

Thanks again *dk*

(questions ? call dick at 288 1285)

# OUR PEOPLE

BY  
HUGH RANKEN

June meeting brought out a nice display of early one tube radios. Jim Mason showed a Crosley 51, together with a little known make, Tri-City Radio Supply Co. The Collectors Guide shows that this company produced a dozen or so models during 1923 and '24, mostly one tubes, ranging in price from \$12.50 to a high of \$125.00. Bill Baker brought an immaculate Marconiphone bearing the British seal of approval, "Licensed by BBC". Art Redman had a Crosley 50, about 1924-25 vintage and Don Iverson showed an excellent Westinghouse Aeriola. Joe Tompkins displayed an early Colen B. Kennedy, one of the few one tube models listed for this company. Also, Joe had an early Grebe one tube, about 1922, which, even in those early days showed the excellent workmanship and sturdy construction which were Grebe hallmarks.

Originally it was planned to judge entries in our home-built contest at the August meeting. But, August traditionally is the month for the Club picnic, so rather than cram too much into that meeting, judging has been advanced to September. That will give you more time to work on your project and may even bring some additional entries.

Our first class in radio theory and restoration was conducted by Harley Perkins right after the regular meeting. Harley presented an excellent, illustrated discussion on the use of meters and the adaptation of Ohm's Law. I urge everyone to stay for these classes. It requires only a few additional minutes and the information is valuable.

Back in 1940 radio dealers were looking for ways to spur store traffic. If they had adequate space many found the answer in a record department. Too, it was about this

time that radio-phono combinations came on the scene, so the two worked hand-in-hand. Those were the days when most record departments had two or three or more booths with players. One could take a stack of demonstrators and spend half a day trying to decide what to buy. All that is gone (and probably just as well), replaced by the super market racks of today. Remember, those were the days of the old 78's --- no 45, no 33 1/3. That's all there was and you listened avidly as a stack banged and clattered away on an automatic changer. Oddly enough, the reproduction was generally pretty good, especially on the better records of Columbia and RCA-Victor.

In late 1941 ad agencies were going all out to promote the virtues of the 1942 RCA-Victrola combination with such word teasers as "Magic Brain", "Magic Tone Cell", "Flexible Tone Bridge" and the "Jewel-Lite Scanner". All these frothy superlatives pertained to the sapphire needle, the light weight tone arm, "to prolong record life" and the so-called "end to objectionable surface noise". These sets were tops for the time, in beautiful cabinets to add grace and distinction to any room.

Be planning ahead to attend the August meeting and picnic afterward. We always have a good time visiting and eating. The Power Supply will no doubt have information in the next issue about what to bring, etc.

Display for our meeting of July 11th will be pre 1920 radios and early telegraph equipment, keys, printers, etc.

# Bits and Pieces

Some "gremlins" apparently substituted the May columns "Atmospherica" and "O'le!" for the June ones submitted by our faithful contributor, Tom James. So, we are including the June columns in this issue, giving Tom a short respite.

The display of early Zenith radios and TV's at Electrical Distributors was viewed by several club members recently. Featured were a number of early consoles in excellent condition, the first model Transoceanic portable, a 1948 11" porthole TV, and various other interesting items. Members wishing to see the display may do so during regular business hours by identifying themselves as belonging to NWVRS.

The results of the Mid Americ Antique Radio Club annual auction held recently in the Kansas City area are quite interesting. Either the items offered for sale were too common to generate much interest, or times are really tough in that area. Hopefully, it is not the latter. Following is a list of items sold and prices:

Radiola III	\$30
AK horn speaker	21
AK 35	11 & 18
AK model E speaker	14
Majestic sailing ship radio	49
AK 40	18
Arborphone TRF 5-tube	50
Silvertone short wave converter	13
3 inch oscilloscope	22
Philco cathedral model 20	38
homemade loose coupler	25
Philco 44	22
Radiola 16	22
Crosley bandbox	23
Kolster 6D	19
Operadio portable	35
Apex 28 AC radio & speaker	76



## Wireless Quote Of The Month

In 1894 Sir Oliver Lodge gave several demonstrations of radio signaling. During a meeting of the British Association held at Oxford University, Lodge set up an induction coil and spark gap in the Clarendon Laboratory while positioning the receiving station in the Lecture Hall some 180 feet away in another building. Lodge described the demonstration in his book *Advancing Science* on pages 164-5:

"The sending instrument was a Hertz vibrator actuated by an ordinary induction coil set in action by a morse key. This apparatus was in another room, and was worked by an assistant. The receiving apparatus was a filings tube in a copper hat, in circuit with a battery, actuating either a morse recorder on a tape, or, for better demonstration to an audience, a Kelvin marine galvanometer... When the morse key at the sending end was held down, the rapid trembler of the coil maintained the wave production, and the deflected spot of light at the receiving end remained in its deflected position so long as the key was down; but when the key was only momentarily depressed, a short series of waves was emitted, and the spot of light then suffered a momentary deflection. These long and short signals obviously corresponded to the dashes and dots of the morse code; and thus it was easy to demonstrate the signaling of some letters of the alphabet, so that they could be read by any telegraphist in the audience- some of whom may even now remember that they did so."

Lodge considered the 1894 lectures and demonstration as 'a very infantile kind of radio telegraphy.' In considering whether or not Sir Oliver Lodge is the inventor of radio one must realize that it is vastly different to signal in a controlled lecture situation than to, like Marconi, develop radio into a commercial enterprise.

Contributed by Art Redman

The President is empowered to appoint regular members to such committees as are appropriate to enhance the activities of this organization.

Vice-President: The Vice-President shall be responsible for planning and arranging technical or entertainment activities associated with the meeting of this organization. He serves as Chairman of a Program Committee if such a committee is appointed. He acts as presiding officer at meetings in the absence of the President.

Treasurer: The Treasurer shall be accountable for all funds received or disbursed by the organization and shall report all monetary transactions and treasury balances at each regular meeting of the members. The Treasurer shall supply a membership chairman with the names of all members in good standing, to be available to the membership at the second monthly meeting of the year.

Recording Secretary: The Recording Secretary shall be responsible for recording the minutes of every business meeting and of every Board of Directors meeting. He will assist the Vice-President in planning and arranging technical or entertainment activities associated with the meetings of this organization.

Corresponding Secretary: The Corresponding Secretary shall be responsible for receiving and answering all correspondence sent to or from this organization. He shall be present at any committee meeting set up to handle publicity for this organization.



To Evelyn and Joe Tompkins on the recent death of their daughter, June:

Words are useless at times like these,  
Gestures are futile and weak--  
There's one more star in the sky tonight,  
It's there somewhere if you seek.

No radio can reach that far--  
But her love will breach the space,  
And tune to your hearts forever  
in a form no one can erase.

# Old Time Radio

THE OREGONIAN RADIO STATION, KGW  
by Saul Emanuel (concluded).

The transmitting apparatus of this station consists of General Electric and Radio Corporation units assembled together in an open case. Three fifty-watt vacuum power tubes are used, one as an oscillator, one as a modulator, and the other as a speech amplifier. The circuit used employs the Hartley oscillating circuit and the Heising modulation circuit. A 750-watt Robbins & Myers motor generator is used for generating current for the power tube plates. A transformer is used to step down the 110-volt A. C. supply to 10 volts, and is used to light the filaments of the tubes. When 1,000 volts is applied to the plates, and 10 volts to all filaments, the high-frequency meter registers an antenna radiation of  $3\frac{1}{2}$  amperes. This radiation varies slightly with the fluctuations of the modulated current as the voice or musical notes enter the transmitting circuit.

KGW is the only broadcasting station in Portland using the speech amplifier tube. It is due to this tube that an extra fine degree of modulation can be had for broadcasting music.

A staff of five men are in charge of the station when programs are broadcasted. J. B. Weed, manager, Ship Owners' Radio Service and holder of a commercial operator's license, is the chief operator. Saul Emanuel, also holder of a commercial operator's license, is assistant operator; A. Cochran, mechanical engineer and acoustical expert; V. Haybarker, chief electrician, and Dick Haller, announcer and entertainment booking agent.

The acoustical properties of the station are constantly being studied by the staff, and improvements in the transmitting of all sorts of musical and speech entertainment are being made every day.

Magnavox transmitters are being used at present for the various types of transmission. In connection with the transmitters, sound collectors of all kinds have been worked by the staff for the proper concentration of the sounds to be broadcast.

For chorus and orchestra music concentration a large wooden sound collector, the inside of which has been lined with thin sheets of lead, is used entirely. It was found after a great deal of testing that the addition of the lead lining to the collector cut down a great deal of the distortion effects set up in the station by the rebounding echoes. Another special collecting arrangement over the piano allow a nearly perfect transmission of both piano and vocal solos or the two in combination. Other collectors are used for violin and various stringed instruments, such as guitars, cellos, mandolins, etc.

Concerts broadcast from the Oregonian radio tower have been heard over a considerable radius of territory for such a small output of power. Reports have been received from almost every section of the Pacific Coast: Washington, Idaho, Nevada, British Columbia, Alaska and from ships far out to sea. Recently a report was received from a radio fan in Hudson Falls, New York, who claims to have heard several selections from a local orchestra broadcast from the Oregonian tower.

From: "RADIO WAVES", September, 1922

# Ole!

by

T.J.

Though little was expected this month, some good items popped up here and there. For a start was the last month's item promised from Pat Stewart, Walla Walla. namely: 11-30in. lengths of Kilbourne and Clark bus bar wire, 10-K and C. base-mounting sockets. These along with: 70- O1As, 1- WD11, 2- 299s, 1- Arcturus 222, 8- 200As, 3- brass base O1As, 1 only Reddon Crystal Detector. I'm just not going to comment on this kind of luck!

\* Don Iverson, our pres., added the following to his tube accumulation:

A D-21 Sodion, U V base

Moonhead Audion w/orig box, mint condition.

V J type DeForest rainbow U V base

D L 7 DeForest w/isolantite UX base.

DeForest type 20 w/ UV base

Tokyo Radio IV-7 brass base w/ pin i.d. on base

Cardon 484 new in box (AC3v. fil. eq. 27 )

Oh yes, he also got a brass based W20 too.

\* Joe Tompkins, Salem, picked up a crystal set made by New York Coil Co., or at least the coil was made by them.

\* Dick Howard, from up Mt Scott way, came up with the "freeby" of the month accolade with the following: Howe Crystal set in mint condition, Aerola Sr. in good cond., and a Radiola panel meter. Also in another deal he picked up a 1920 QST ham magazine in exchange for a 2080 tube!

At the estate sale of our late member Craig Hoaglin, several sets changed hands with members of the club, but I don't class these with the regular Ole' because they are already part of the club family. I understand the estate will have another open house at a later date. Mr. Hoaglin had one of the larger collections in the club.

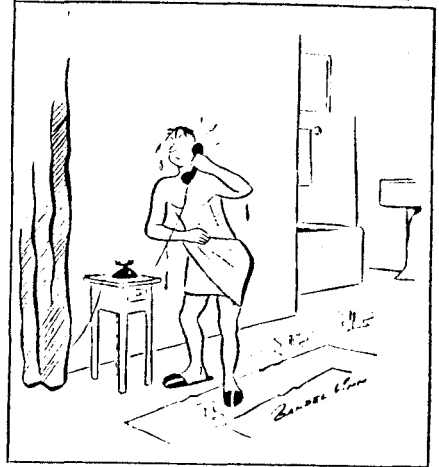
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Lucy Wyre reports that Barney Schmill, her boyfriend, broke two legs carrying Miss Peabrain's Majestic console upstairs to her apartment. P.S. The legs were on the Majestic. She says she intends to sue as soon as Barney is out of the hospital.

# CARTOON CLIPPINGS



"How come you can hear Puerto Rico but not hear me call from downstairs?"



"Radio Research Bureau calling! Are you listening to so-and-so?"



"Will you be able to get a fur coat for \$129.95? Will we have your size and style? Tune in tomorrow for chapter two of our thrilling commercial . . . !"

# I Q Primer...

by THE PROF.

How many of you old timers remember the popular programs of the twenties and thirties? Here is a little test of your recollection I. Q. In the first column are the clues and in the second are the program titles. Put a number in the parentheses indicating the relationship of the first column to the second.

- |                         |     |                           |
|-------------------------|-----|---------------------------|
| 1. Wistful Vista        | ( ) | 1. Gilmore Circus         |
| 2. Hon. Archie          | ( ) | 2. Lum and Abner          |
| 3. Digger O'dell        | ( ) | 3. Amos and Andy          |
| 4. Portland Hoffa       | ( ) | 4. Rudy Vallee            |
| 5. "Coming Mother"      | ( ) | 5. The Life of Reilly     |
| 6. Ruby                 | ( ) | 6. Fred Allen             |
| 7. Jottem Down Store    | ( ) | 7. Fibber McGee and Molly |
| 8. My Time is your Time | ( ) | 8. Frank Watanabe         |
| 9. Blue Green Gas       | ( ) | 9. The Lone Ranger        |
| 10. "Who is that man"   | ( ) | 10. Henry Aldrich         |

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The answer to last month's word-charade is J I C K L E R

No one seems to know the origin of the word IQCLER, but whatever the source, it still remains one of the early circuit items that made radio sets place in the sun in the early formative years of the wireless art. In practice it was a few turns of inductance introduced from the detector plate circuit back to the grid circuit in a positive feedback mode, to effectively cancel the losses inherent in the input circuit and thus make a very efficient and sensitive device for the reception of weak signals. An excess of feedback produced oscillation at a frequency equal to the tuned station, hence a rebroadcast of that frequency to the disgust of other radio owners in the immediate neighborhood; and the dubbing of such receivers as Bloopers, but careful operators did not give off spurious "HOWLS". This type of detector lasted well into the thirties, only superseded by the present super-heterodyne. In the vacuum tube era, the regenerator was the most efficient type of detector to be had.

# SWAP SHOP

FOR SALE

800-B6 Scott radio-phono. As is \$150 - restored ?. Has AM, FM, short wave - 24 tubes.

Tom James, 5024 S. E. Clay  
Portland, Or. Ph. 235-0581

FOR SALE

Fada 175-A Neutrodyne cabinet. Page 124, Vintage Radio Book.

Art Redman, 5111 S.E. Tolman  
St., Portland, Or. Ph. (503)  
774-9913

WANTED

Power-Amp. chassis for Kolster Model K-20, or will sell/swap set minus above.

Jim Mason, 90 N. W. 150th  
Ave., Beaverton, Or. 97006  
Ph. 644-2343.

## N O T I C E

The 1981 club membership roster will be available for distribution at the July meeting.