



CALL LETTER

VOLUME 17

MARCH 1991

NUMBER 3



**Rasada Radio
Museum**
Portland, Oregon

CALL LETTER

The Northwest Vintage Radio Society is a non-profit historical society incorporated in the State of Oregon. Since 1974 NWVRS has been dedicated to the preservation and restoration of Antique Radio & Wireless apparatus.

The CALL LETTER was founded in 1974 by Harley Perkins (our first President). Editors have served as follows: 1975/77 Bob Bilbie, 1977/78 Bob Hay, 1978/79 Tom James, 1980 Bill DeVey, 1981/83 Jim Mason, 1983/87 Richard Karman & 1987/91 Edwin Buhite.

The Northwest Vintage Radio Society meets at the Buena Vista Club House (Atkinson Park) 16th & Jackson Street, Oregon City, Oregon. (Note: take I-205 & Exit at Park Place, take first right onto Washington St. continue to 15th, left up 15th hill to Jackson, turn left to 16th).

Meetings are held at 10:00 AM on the second Saturday of each month except for summer vacation in July and August. The meetings are an opportunity to exchange information and advice.

**Annual Dues: 1991 Regular Membership \$15--
Renewals are due on January First**

1991 NWVRS OFFICERS

President	Dick Karman	503-288-1285
Vice President	Ray Nelson	503-233-5063
Treasurer	Ed Charman	503-654-7387
Secretary	Gordon Phillips	503-234-3517
Correspondent	Edwin Buhite	503-288-8719
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1991 NWVRS MAILING ADDRESS:

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Portland, Oregon 97282-0379



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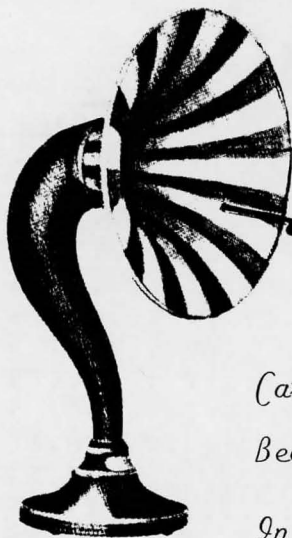
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ATMOSPHERICA

By J

Round-top Midget Blues

Cathedrals are a 10-10 set,
Taken as a group, 'twould seem.
Because for every one that's sound
Another's a Devils' dream!

In some the plywood glue's a mess,
Having given up the ghost.
Pieces of veneer are absent
In places where needed most.

The heat has made a glob of all
The "caps" the circuit needs,
Insulations cracked and bare on
The vital high-voltage leads!

The speaker cone may drag a bit,
Or have a vicious crack.
These things can all be remedied
If you have mastered the knack!

And then we have Jim Mason's kind,
A curious case at best,
Where the works became a home
For a high-class house mouse nest!

Old Tom's crying sour grapes---
I can hear some members snort,
But I know you've guessed by now
Cathedrals are not my forte!

** ** * ** * **

A Swiftly or two---

"Turn out them Trirdynes!" said Powell crossly.

"I gave the old goat a five," said Joe, kiddingly

"I've a Blackstone, a Blue Seal, a Gra-
bar" said Alan, colorfully.



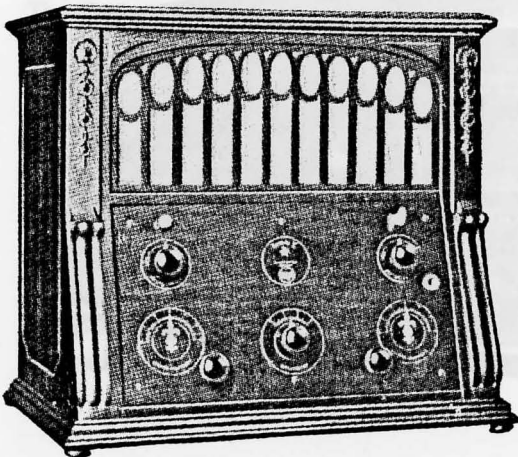
PSARA Tours KIRO Studios

David Dintenfass, PSARA

February's PSARA meeting featured a tour of the KIRO radio and television studios, led by PSARA member (and KIRO employee) David Braun. Club members were treated to an extensive, two-hour tour of the station's facilities. Highlights included the AM radio studios, the television studios (including the television newsroom and weather desk), and the FM radio studios. Also included were visits to the master control rooms, radio and television editing facilities, and the rooftop collection of microwave and satellite dishes.

The KIRO studios are located on 3rd Avenue, within a stone's throw of the Space Needle. The studios were constructed in the late 1960s and fill an entire city block. An unusual feature of the facility is Seattle's only television production studio with both a cyclorama and floor turntable.

There are three broadcast stations that operate from the KIRO studios: KIRO Radio (710 kHz), KIRO-TV (channel 7), and KSEA (100.7 MHz). Transmitters for the three stations are in different locations. The AM transmitter (50 kilowatt) is located on Vashon Island, in Puget Sound. Transmitters for both KIRO-TV and KSEA are located on Queen Anne Hill, just north of downtown Seattle.



Radiola X



PSARA Member Offers Low-Cost Radio Repair

Adapted from a newspaper article that appeared originally in the *Redmond/Sammamish Valley News* (Redmond, Washington)

Prepared by David Dintenfass, PSARA

PSARA member Al Lemke offers low-cost VCR and radio repairs for seniors and other low-income people. Al has been repairing radios and other electrical equipment since he was a teenager. Though he's had some technical training, Al says most of what he's learned is the result of about forty years of experience.

Because Al can't earn money from his repair skills (due to disability payments), the cost of repairs is limited to the cost of replacement parts. His doctors suggested that he continue to operate from his home workshop to keep busy. Al also likes to collect antique radios, and has about 150 now. He estimates that about 25 percent of these are working.

If you're interesting in getting your VCR or radio fixed, call Al at (206) 868-8165. Also, Al is always on the lookout for non-working radios and VCRs for his junk pile, so let him know if you have something he might be able to use.

Grebe Broadcast Receiver—CR-12



How Big is a Farad?

Pete Petersen (WY7Z), PSARA

Prepared by David Dintenfass, PSARA

Recently, in a conversation with a young potential ham, I was asked "how big is a Farad?" I sagely stroked my beard and intoned something about a charge of one volt over a period of one second by a current of one ampere. My young companion wasn't the least bit impressed. What he really wanted to know was literally what he asked--*the actual size of a 1 Farad capacitor.*

I didn't have an answer. It was obvious that beard stroking, no matter how sagely done, wouldn't get me off the hook. We had to measure some capacitors and do some arithmetic.

First, we measured a 40- to 50-year-old capacitor, rated 2 mFd @ 300 Vdc. It was 5.29 cubic inches. The 500,000 of them needed to provide 1 Farad would total 1531.25 cubic feet. This is enough to fill a 12' x 16' room to the ceiling.

Next, we measured a 20-year-old capacitor, rated 8 mFd @ 150 Vdc. From this one, we calculated a size/capacitance value of 27.85 cubic feet per Farad. This wasn't as dramatic as the first answer, but a 1 Farad capacitor of this construction would still fill the trunk of your *Coupe DeVille!*

Finally, we measured two capacitors of relatively recent vintage. The first was 130 mFd @ 150 Vdc and the second was 150 mFd @ 25 Vdc. These calculations provided 1 Farad sizes of 4.25 cubic feet and 1.29 cubic feet respectively.

So how big is a Farad? Obviously, it depends on at least two factors--the amount of insulation required for the rated voltage and the advances in materials and manufacturing techniques over the years. For an answer, you could take a cue from Steve Allen's old television show and simply state, "It's bigger than a bread box!"

Now I have a question. For what purpose could you use a 1 Farad capacitor?



From the PSARA President's Desk

By PSARA president Max Kaplan

Here we are again, with spring nearly upon us, and so many winter projects still unfinished....it seems to be a yearly occurrence for me, always behind with everything.

Noticed lately how many new members we are picking up? Seems like at almost every meet new faces are voted in. Seemingly PSARA is growing rapidly, but is it really? I don't have a current head count, but I know that each year we are also losing a number of members, mostly noticeable when membership dues are payable. I don't think that the financial part of this has anything to do with it; rather, people grow dissatisfied with the club maybe, maybe loose interest in our hobby, maybe....who knows.

We like to keep our club as interesting as possible to all our members, old & new. This is a big job and it takes the concerted effort of all our active members. I am, as always, open to new suggestions from any member, at any time on this subject. Let me hear from you.



Max

P.S. Bring all your no longer wanted goodies to the March Auction. See you there.

PSARA AUCTION

Shoreline Museum
Sunday March 17, 1991

10AM - Noon check in items
Noon - 12:30 Silent Auction
1 PM - Begin Oral Auction



PSARA Meeting Minutes --

February 17 1991

The meeting was called to order at 1:00 PM by Max Kaplan. 28 members and 3 guests were in attendance. Three new members were voted in.

New Members: Roy Sperline Trace Summers Chuck Thorell

Old Business:

There are currently 3 names on the new list for nametags, 10 are required before an order can be placed.

The collection of early issues of the Horn Of Plenty, to be kept in the radio room upstairs, is now complete.

There is now a new lock on the radio room upstairs. The club Curator, President and Treasurer each have a key.

New Business:

Members were reminded of next month's auction:

10:00 AM -- Noon Check in items to be auctioned

Noon -- 12:30 PM Silent auction 1:00 PM Begin oral auction

Volunteers for the March auction are Max Kaplan, Jerry Cappoen, Dave Dintenfass and David Braun.

Dave Dintenfass briefed us on the rules about publishing copyrighted material, as they pertain to articles published in the Horn of Plenty.

Following the meeting, David Braun conducted us on a guided tour of KIRO Broadcasting. Thankyou David!

Members are again reminded to renew membership.

Future Programs:

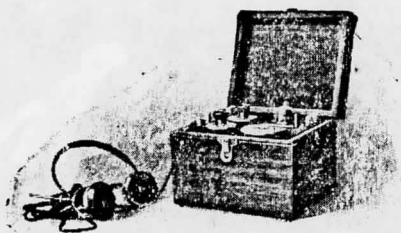
March 17 -- Auction

April 21 --

**Dave Dintenfass will discuss his
visit to the AMPEX Museum in California**

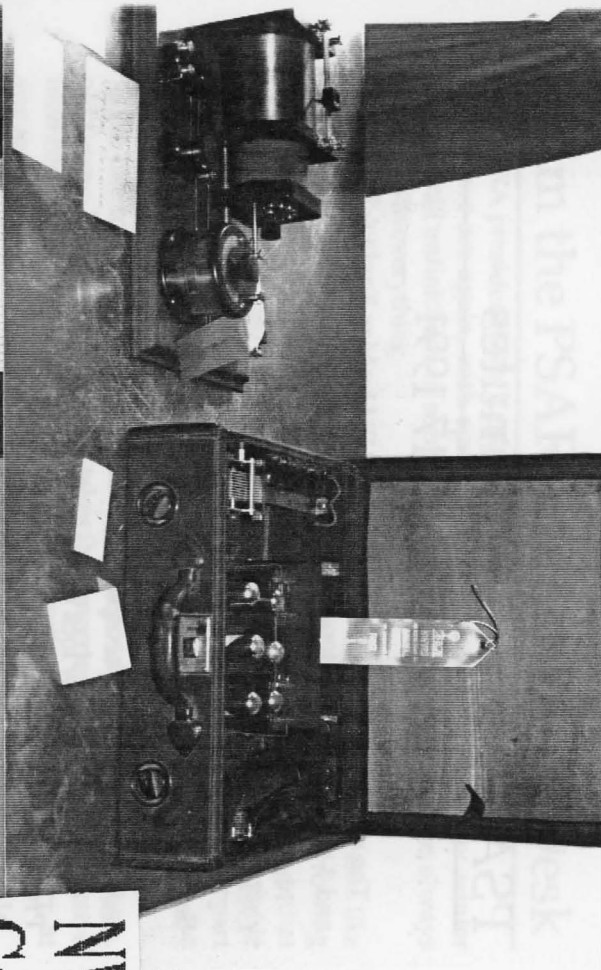
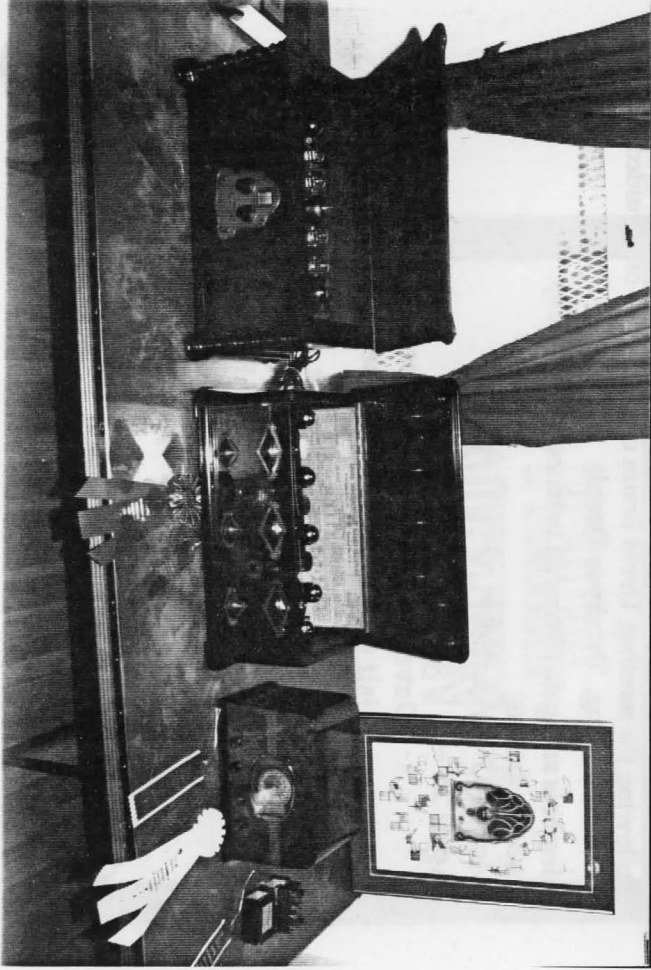
Lee Ray

Lee Ray, PSARA Secretary

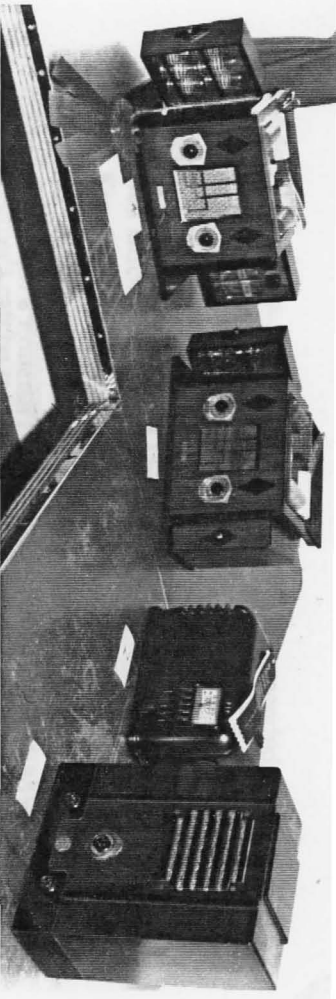
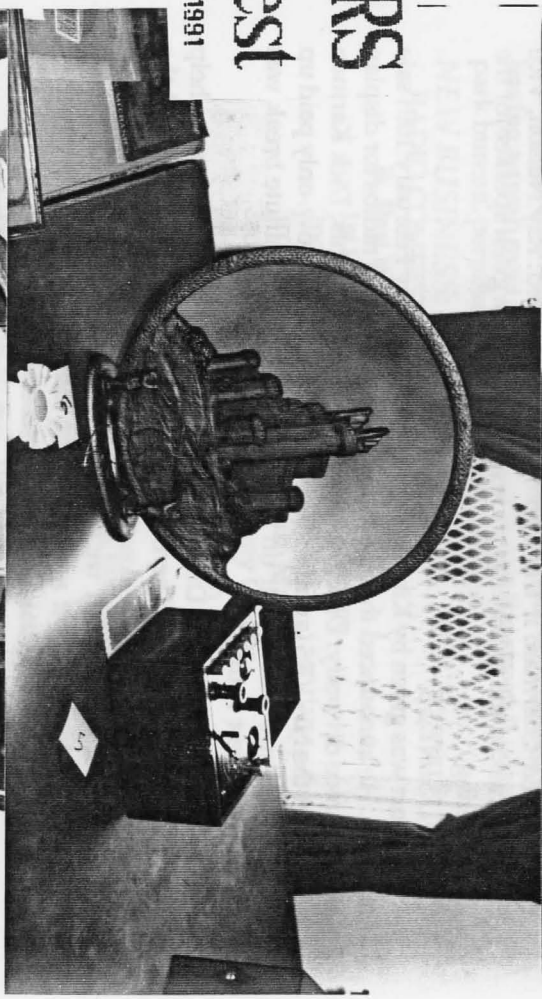


Radiola R. S.





NWVRS
Contest
February 1991



N W V R S Meeting Minutes

Oregon City, OR -- Saturday Feb. 9, 1991

President Dick Karman opened the meeting at 10:05 AM. The first thing he asked was for the ballots to be passed out for voting on the three categories of the radio contest. Next the Treasurer's report was given by Treasurer Ed Charman. It was approved as presented. Ray Nelson, Vice President, asked the membership for suggestions of a guest speaker for the June meeting.

OLD BUSINESS:

A report was given by Kim Brickman on the Sunday February 10th sale in Salem. He announced that they now had twenty plus radios for display and of a nice diversity. Dick Karman thanked participants. Dick Karman stated that the NWVRS (annual) dues should be paid by now. Only paid up members names will appear on the new roster. A ten minute break was taken for contest voting.

After the voting break, Dick Karman asked for two volunteers to help with the March Auction. There was a discussion of whether to hold the Swap Meet in May and the Auction at the Rasada Museum or in Oregon City. It was suggested that we still have the Swap Meet and Auction in Oregon City. Jerry Talbott made mention that we should have means of protecting the tables at the new location (those we set radios on).

There was a discussion of the new location for the NWVRS. There was concern that if we move there, how long could we stay? Also some discussion of should we stay in Oregon City? President Karman asked if we had a motion on the new location. A motion was made to consider the new location by Sonny Clutter. Jerry Talbott seconded the motion. The motion carried unanimously. Dick Karman announced that Frank Rasada would be at the club house for our March meeting. He suggested we ask Frank to take those of our group that wanted to go, over to the new location and look around and ask questions.

Questions of parking availability were raised. There is no parking lot owned by the building, however, it may be possible to park in a city owned lot across the street. Rudy Zvarich suggested waiting until after summer vacation before moving to the new location. President Karman said it would be nice to have a social event shortly after we move to the new location and invite other clubs. Ed Buhite made a motion to have auctions and swap meets in Oregon City until after summer vacation. Greg Morse



Seconded the motion. In discussion Rudy Zvarich amended the motion to include having our meetings at Oregon City until after summer vacation. Mr. Evans seconded the motion. Amendment carried unanimously, and the amended motion carried unanimously.

There was discussion on what charges we might accrue at the new location. Kim Brickman suggested consulting an attorney. Dick Karman asked for a volunteer to ask an attorney about what question should be asked. Tom Moore volunteered. Any suggestions of what could be written into an agreement can be submitted by anyone. Ray Nelson asked about having a swap meet in the parking lot across the street. It is owned by the park bureau, permission to do so will be asked.

NEW BUSINESS:

RADIO CONTEST

A. Past Winners

- 1st Grebe Syncrophase - Ray Nelson
- 2nd Pla Pal - Gordon Phillips
- 3rd Tower Loudspeaker - Jim Mason
- 3rd Murdock Xtal Rec. - Sonny Clutter
- 3rd Stewart Warner - Ray Nelson

B. Chairside

- 1st Philco - Jerry Talbott
- 2nd Hotel Radio Corp. - Dan Howard

C. Flat Work

- 1st Operators License - Dick Howard
- 2nd Radio in Home - Jim Mason
- 3rd lobby Card - Art Redman

Leads and Needs were discussed. Ole! and Swap sheets were gathered.
Meeting Adjourned at 11:17 AM

Gordon Phillips

Gordon Phillips, NWVRS Secretary

1991 N W V R S SCHEDULE

- March 9** Radio & Equipment Auction
- April 13** Video/Audio presentation
- May 11** Swap Meet
- June 8** Guest Speaker



Old! (acquisitions)

Edwin Buhite

1937 Zenith with factory
original rosin joint.

Ed Curry

1925 Grebe MU-1

Crosley 51

Atwater Kent 55

Doug Davee

1959 Heathkit CR-1
crystal receiver

Richard A Dielschneider

1942 Majestic 7C75
radio/phono console

1947 Philco 47-1227
radio/phono console

Bob Dye

Sparton 409GL

Fada 700

Richard Havens

1923 Music Master
Geraco Horn Speaker

Don Iverson

1940 Stewart Warner bar radio

Max Kaplan

Hallicrafters S-18

Atwater Kent 35

WWII BC224H

Walt Kiefner

RCA T8-14 tombstone

Philco 45 deco mantel set

Gloritone 27 cathedral
original airbrush finish

GE F63 deco mantel set

VECo. white plaskon

Kent mantel deco

Farnsworth GT-051 bakelite

Zenith royal 755

Zenith royal 3000-1

Majestic 49A case

Grunow 450 case

1939 Lorenz Kleinemfanger

Belg Atlantic cathedral

Victory cathedral

Jim Mason

Trophy Baseball Radio

Richmond end table radio

Sparton 656SX table radio

1942 Zenith 7S634R table radio

1951 Crosley 11-129U
AM/FM Table set

1949 Admiral 19A11S 7"TV

T.A. Moore

Zenith 6B06 chairside

Philco 95

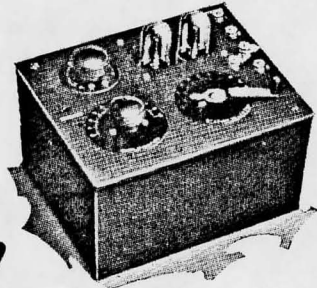


From The NWVRS President

By Dick Karman, NWVRS President

Recently I received a letter from an out-of-state member who wanted to see more about the possible museum deal in the *Call Letter*. Just so it's not forgotten: the membership voiced some concern about entering into an agreement to change locations blindly and asked that an attorney be consulted (see meeting minutes). Also we are trying to arrange to have a time when members can visit Frank's building and get some idea of the advantages of the possible move.

The question was also asked, "Do we distrust Frank?" The answer is NO, but many of our active members have only met him on limited occasions and then as a visitor and not as a member. We are simply trying to do things slowly and in an orderly manner. I think we all agree this is the proper way to do it. I believe many of us look forward to a long and prosperous association with Frank and Mary. I hope that they look forward to it too.



Radiola III

Olé!

Ray Nelson

Stromberg Carlson 1500HR red bakelite

1937 Stewart Warner R145 Brown bakelite farm radio

Motorola X15 Early pocket transistor

Gordon Phillips

1938 Philco console 38-116 needs mystery control box

Airline 62-361 table radio made by Belmont

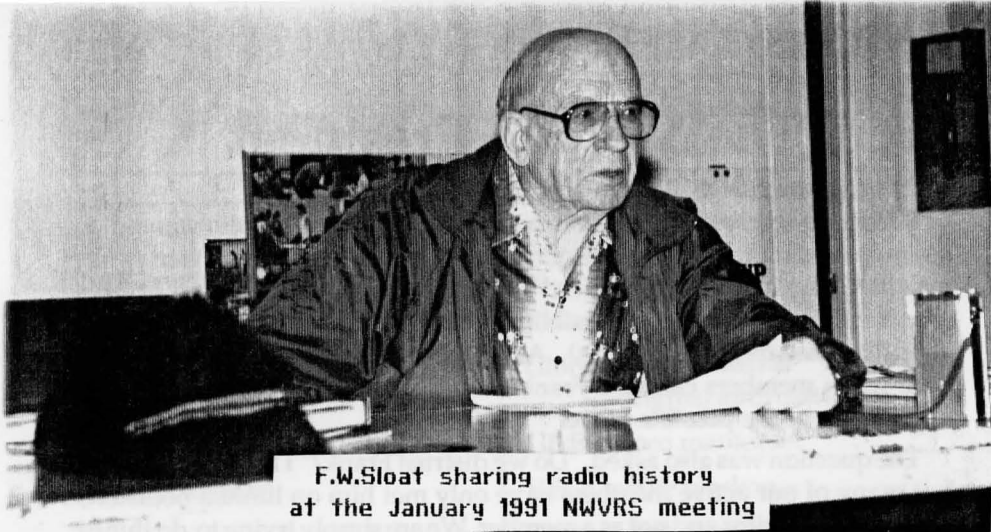
Art Redman

1946 Emerson 510 white plastic front wood cabinet with aqua dial

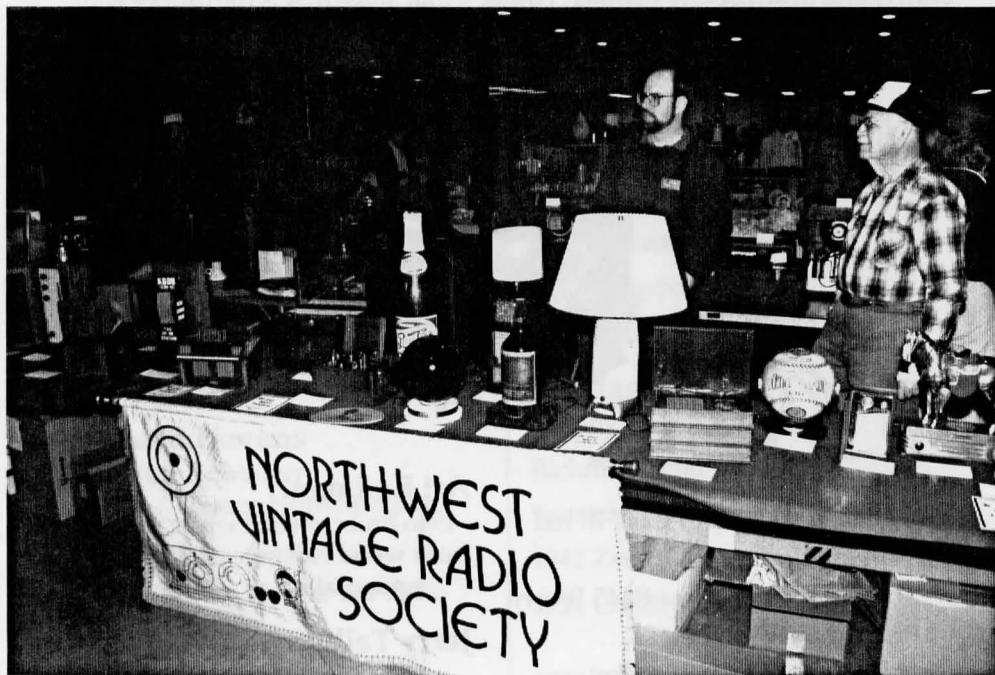
Jerry Talbott

1936 Pilot 423 "hump-top" set
Setchell Carlson 58A table set





F.W.Sloat sharing radio history
at the January 1991 NWVRS meeting



NWVRS Salem Display

February 1991





SWAP SHOP

WANTED

Zenith dial escutcheon #57-556 for model 10-S-130, chassis 1004 (shown FOS pg 191). Also used on: 10-S-147, 153, 155, 156, 157, 160 & Chassis 5801 Model 8-S-129 & 154 (Shaft holes are spaced 6 1/2"). Philco interstage transformer #3242 for model 86 (3:1, 10k pri, 90k sec, 26 to 2-71A). **Chuck Kibler** 25555 NE Glass Rd Aurora, OR 97002 (503)678/5066.

1930s Midwest console. **Jerry Talbott** 1440 SW 239th Hillsboro OR 97123 (503)649/6717.

Rider XVIII. **Jim Gianacos** (206)228/9398

Grunow 801A radio **Darrell Forsberg** (206)363/0754

Cath. radios & crank type phonos: buy/sell/repair. **Ed Curry** (206)353/2661

Broadcasting and Recording handbooks and textbooks 1930s/1960s. **David Dintenfass** 7549 27th Ave NW Seattle WA 98117 (206)784/4803

Zenith's first 15" color TV (1953/54). Must be complete but does not need to be working. **Jim Clark** 1292 Starboard Okemos, MI 48864 (517)349/2249.

Consoles: Philco 42-1012, 1013, 1016; Zenith 8S593, 594. Hammarlund schematic book, Magnetic coil winding machine. Will pay top dollar. Classic Radio Service **Dan Healy** PO Box 764 Woodacre CA 94973 (415)488/4596

Zenith Pre-WWII Consoles & Chairside. 1930 GE knobs. 6 & 12 volt wonderbar auto radios. **Vince Creisler** (206)630/4735

General Electric speaker for K-82 clock radio. Copy of manual and supplemental chart for Heathkit TT-1 tube tester. **Doug Davee** 724 Gentle Ct. East Monmouth OR 97361 (503)838/2258

FOR SALE

Radio Sale at the Rasada Radio Museum. March 9, 1991 following the auction in Oregon City (approximately 1 PM) Radios, parts, cabinets. **Frank Rasada** 7675 SW Capitol Hy (503)246/3400

Vintage radio magazines. Send LSASE with \$.52 postage and indicate you want "list of magazines" **Jim Clark** (see wants)

Classic radio restoration kit. **Dan Healy** (see wants)

Atwater Kent 55 with Speaker \$90--, Rola Horn Speaker \$90--, Saal Horn Speaker \$75--, No Name Horn Speaker \$65--, Steinite radio with built in horn, power supply, 3 foot loop antenna, uses 3-299 tubes 171A, 220 and 2 rare 216B Half wave rectifiers. Nice Condition - Works \$300-. Cash & Carry ONLY. **Pat Stewart W7GVC** 1404 Ruth Ave Walla Walla WA 99362-3558 (509)525/1699

Tubes available - identify types you need. **Lauren Countryman** 4108 105th PI SE Everett WA 98208 (206)337/3241

Moving Sale: Parts Chassis, Speakers, Misc parts. **Harold Hagen** (206)634/1155 (206)768/1043

1935 AK 185 tombstone good cond. \$125--. **Dan Howard** 2940 SE 118th Ave Portland OR 97266 (503)761/7799

1955 Motorola Auto reverb system 12V. make offer. **John Otterstedt** 5530 SW Martha Terrace Portland OR 97201 (503)244/6571

Radio & TV Tubes, parts, test equipment. **Bob Lee** at R5-D3 Electronic Surplus. 6111 SE 82nd St Portland OR 97266 (503)774/6560

Loudspeakers, Horns, HiFi, Speaker Re-Coning: **Ja Mac** 8600 NE Sandy Blvd Portland OR 97220 (503)252/2929

Vintage radio parts and tubes. **Steve Von Talge** at THE OLDE TECHNOLOGY SHOP 7712 Aurora Ave. Seattle WA (206)527/2829 or (206)783/2543.

NWVRS AUCTION

Buena Vista Club House
16th & Jackson
Oregon City, Oregon

Saturday, March 9, 1991

10AM regular meeting
Auction following

Radio Sale

(after the auction, about 1PM)

Rasada's Radio Museum
7675 SW Capitol Highway
Multnomah District in Portland