

NORTHWEST VINTAGE RADIO SOCIETY CALL LETTER

JUNE '85

Vol. 11 No.6

WHAT ARE 1931 TUBES?

It's easy to identify 1931 tubes among the general run of tubes. Meters and performance rather than labels and claims soon separate the sheep from the goats. Briefly, and for your guidance, the 1931 radio tube features are:

Positive Characteristics because of the doubling of the diameter of some support wires and better bracing, together with tightened tolerances.

Improved Tone Quality resulting from greater rigidity and therefore minimum microphonic effects, together with suppression of distortion arising from undesirable regeneration.

Quiet Background brought about by DeForest research into causes of hum and crackle, resulting in one-fiftieth the noise level heretofore considered standard practice, together with lower gas content made possible by unique DeForest exhaust units now in use.

Longer Service Life brought about by important improvements in filaments, cathode insulators and

emitters, insuring full thousand hours of peak efficiency.

Greater Volume through the increase of the mutual conductance in power tubes, yet maintaining full interchangeability with usual tubes of lower output.

Quick Heating averaging about 10 seconds, due to patented DeForest notched cathode insulator, without sacrificing life, reliability or quiet operation.

Higher R.F. Amplification with screen-grid tubes, or 60 instead of usual 30 per stage, while decreased grid-plate capacity permits of maximum stability or minimum regeneration for the highest gain with least distortion.

The foregoing 1931 radio tube features are not to be found in tubes produced six months ago, much less those a year or two old, taken from large inventories. DeForest research and engineering, rapidly translated into everyday terms by a production geared to the demand, brings these features to you in fresh.

DeFOREST
RADIO CO.

de Forest
AUDIONS

PASSAIC
N. JERSEY

RADIO TUBES

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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 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.

June

DATE : June 8th, 1985
TIME : 10:00 AM
PLACE : Buena Vista Clubhouse
ADDRESS : 16th & Jackson streets
Oregon City, Oregon

Your president will be tied up at the grand floral rose parade on the day of our meeting. A president Pro tem will be presiding.

We will hear a report on the amateur radio convention at the coast from Bill DeVey and/or Don Copeland.

Considerations will be given to the Forest Grove display. Details as well as the names of those who have signed up are on page 5.

Blank Auction registration forms will be available at the meeting for anyone who wishes to include items in next month's club auction. There is also a "short-form" on page 9.

At the end of the business meeting everyone who brought paraphernalia and equipment to sell will be given a few minutes to give a sales pitch, point of the finer details or lower the price.

Remember to bring your newest acquisition to show to the members.

Sign up sheets are passed around at each meeting so that members can submit items for the **Accessions** and the **SWAP SHOP** pages of next month's **CALL LETTER**.



ATMOSPHERICA

By J

SNEAKY PETE STRIKES AGAIN

With a tip of a find in La Bonne,
I jumped in my car at the dawn,
But, pity my plight.....
The previous night
Old sneaky had been there & gone !

A PERFECT FIT

I had a drinking friend,
whose set had gone to pot.
He said the tubes lit good,
but they got beastly hot.

Poor old vintage radio...
A laugh or two for me...
It had 80's in the sockets,
Where 01-A's should be !

"JUNK or GEM"

A vintage radio is a precious thing,
From an era unparalleled in time.
But the appearance or performance of same,
Is not necessarily worth a dime.

Originally printed in January 1977

Meeting

Minutes

The May 11th Meeting was called to order at 10:00 am by president Dick Karman. Minutes

of the April meeting were approved as published in the **CALL LETTER**.

The treasurer's report was given and accepted. The current balance in the treasury is \$588.09.

Visitors and new members were welcomed and introduced.

GOOD AND WELFARE: Florence Baker was present despite the accident reported last month.

OLD BUSINESS: Members were reminded to sign up with Jerry Talbott for the Club display at Forest Grove on July 21st.

Registration sheets for the next club auction will be provided, and members are asked to submit a complete list of their items to be offered for auction to Bill Devey. Both silent & oral auctions will be held, and the club fee will be 5%, rather than the 10% reported in the May **CALL LETTER**.

Bill Devey and Don Copeland will provide a small club display at the ARRL meet at Seaside may 31st and June 1st.

A motion was approved to accept editorship and publication of a joint NVRS-PSARA newsletter should both clubs come to agreement on such a matter. Cost to be assessed to PSARA at approximately \$8.50 per member per yr.

NEW BUSINESS: The membership was informed of the Board of Directors' decision to recommend a change in the By-Laws, increasing annual dues for regular members to \$15.00, & associate members' dues to \$13.00. The proposal will be published in the June **CALL LETTER** and voted upon at the July meeting.

DATES TO REMEMBER

JULY 13TH NVRS AUCTION
contact Wally Kelly or Bill Devey

JULY 21ST FOREST GROVE
contact Jerry Talbott for details

AUGUST 10TH NVRS ANNUAL PICNIC
following the meeting at the clubhouse

SEPTEMBER 14TH NVRS
INVITATIONAL RADIO CONTEST
watch for details and catagories

SEPTEMBER CALIFORNIA HISTORIC RADIO
SOCIETY 10TH ANNIVERSARY SWAP MEET
watch for details.

OCTOBER 12TH NVRS FALL SWAP MEET
at the clubhouse 10:30 to 1:00

As required by the constitution of the Northwest Vintage Radio Society, this special notice is provided to members thirty days prior to the July meeting.

A constitutional revision has been approved by the Board Of Directors to increase the annual dues to \$15.00 a year for regular members and to \$13.00 a year for associate members.

This increase will help offset the rise in expenses. We have discussed for about three months now. At the July meeting the floor will be open once again. If you have any input please bring it to the meeting

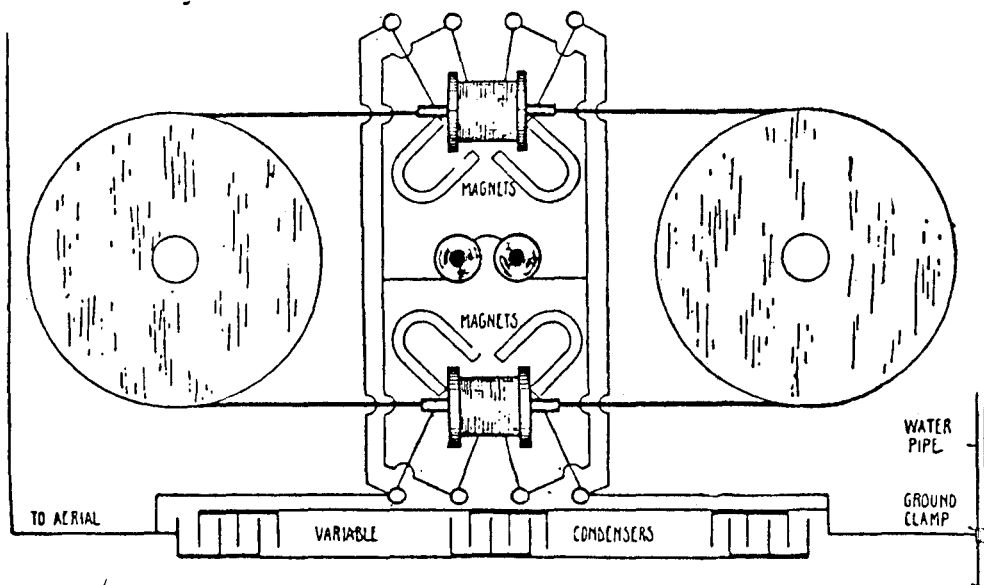


FIG. 3,168.—Marconi magnetic detector. The aerial is connected to one end of the primary coil and the ground to the other and the variable condensers are connected in parallel and used for tuning. The receivers are connected to the secondary coil. Two strong permanent magnets are placed with like poles together and serve to magnetize the revolving steel band but this is destroyed [by wireless waves] and a clicking of the receiver diaphragm is the result.

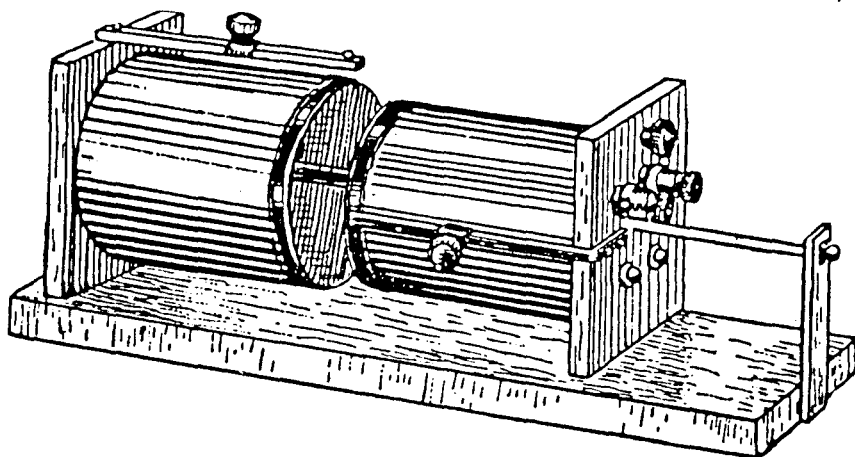


FIG. 3,161.—Loose couple receiving transformer with variable slider. While this type of receiving tuner has the closest inductance variableness possible with any transformer, it has the disadvantage that the secondary coil cannot be inserted very far into the primary. From long distance transmitting stations, however, the messages will come in better when the secondary is withdrawn from the primary, which makes this tuner very serviceable.

AC·CES·SION /ik- 'sesh-ən, ak-/

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

JIM MASON-

Steinite Crystal Set
1932 9-tube Zenith Cathedral Mod 250
1925 Kemper portable battery set
(Mint condition)
1924 Murdock Neutrodyne

DAVE BROWN-

Visameter corp. mid-30s Tube tester
nearly 2' by 3' with two large
meters and a rotating drum for
displaying tube status; Speaker
grill in the shape of the na-
tional union insignia.

JERRY TALBOTT-

1932 Clarion mod. 220 tombstone
1937 Zenith #5R226 mimi-tombstone
Novelty set, unusual "Miller Custom"
wood set with doors, using a
Packard Bell chassis.

C.E. SONNY CLUTTER-

7" Hallicrafter Television
A Philco Safari Televison
Two RCA CT100 Color televisions
and several other early T.V.s

DICK KARMAN-

1917 Electrical Dictionary
Complete set of course notes to the
L.L. Cooke Correspondence course
in Electrical engineering.

Every month, use this page to show off your
most recent acquisitions. Place them in the
pass-around notebook at each meeting, call
Bob Teague (653-0077) or get word to your
Editor.

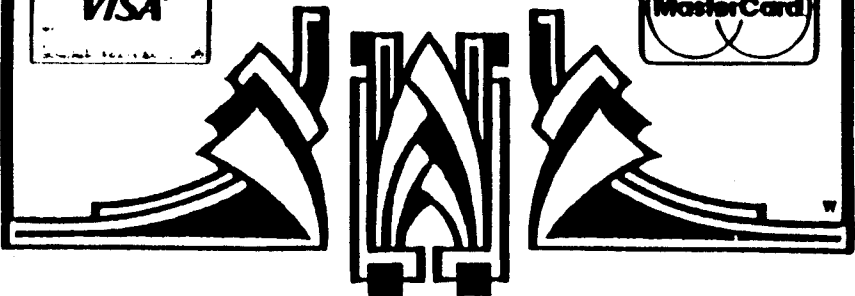
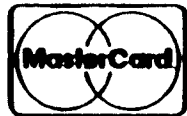
Cascade Surplus Electronics

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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



VINTAGE RADIO SWAP SHOP

FOR SALE:

Stewart-Warner "breadbox" set w/speaker
RCA Radiola 33 with speaker (both have
filiment voltage but don't play).
Wards Airline "6" battery set (without
speaker)--want to trade for '30s Philcos
or ??.

*Steve Crowe 530 E. 31st Eugene, Or 97405
503-686-4502 nights 503-345-8207

Splitdorf Battery Radio parts

*Art Redman 5111 SE Tolman, Portland
*503-774-9913 97206

Atwater Kent Model 80 chassis

*Dick Karman 2515 NE 37th Portland
503-288-1285 97212

WANTED:

Plug in coils for National R460/UR post-
war receiver. Manual or photocopy of
same for Weston model 981 Type 3 meter.
Reasonably priced KT88, KT66 audio tubes.
Acrisound #330 output transformers.

*Harold West 11965 NW West Rd Portland
97229

Schematics or documentation for a
Visameter corporation mid-30s tube
tester.

*Dave Brown Rt 5 Bx 116A Sherwood 97140
503-538-5842

An RCA model 621TS Television Receiver

*Sonny Clutter 14330 NE Fremont Portland
503-254-9296 wk. 503-233-5061 97230

Horn for murdock battery set as pictured
on the CALL LETTER mailing sheet.

*Jim Mason 90 NW 150th Beaverton 97006
503-644-2343

An RCA model 15K

*Jerry Talbott 1440 SW 239th Hillsboro
503-649-6717 wk. 503-627-1675 97123

PUGET SOUND ANTIQUE RADIO ASSOCIATION

--tradio--

(all Ads, Addresses, and Phone Numbers are from the Seattle/Tacoma area unless specifically stated)

For Sale: 40s Magnavox console radio phono. Outstanding tone, cabinet fair, \$25.00. Harold Hagen, 633-3990, 634-1155.

Wanted: Crosley Musicone speakers and speaker parts. Travis Donovan, 259-6217 (Everett).

Wanted: Radiola III audio transformer. Eric Mootz, 252-5273 (Everett).

Wanted: Philco 80B Cathedral cabinet and speaker in good condition. Colin Hallgren, 252-3892 (Everett).

Wanted: 1920s RCA radios or parts, also RCA UZ-1325 speaker. John Schneider, 525-6974.

Wanted: Zenith floor model radios, Grebe radios. Lee Williams, 481-9415.

Wanted: Dial glass for Zenith model 7S529, 1941 table model. Jim Bailey, 824-4533.

Buy, Sell, Repair antique phonographs. Have several old radios to trade. Ed Curry, 353-2661 (Everett).

For Sale: Acorn tubes, types 954, 955, 956. Eric Lofquist, 546-2675.

Wanted: Karlson speaker enclosure. Al Farlow, 328-1591.

For Sale or Trade: Late model BIC turntable.
FREE to a good home: Ailing 1960s Packard
Bell TV with nice wood cabinet w/ tambour
door.

Wanted: Chassis for Atwater Kent model 84,
any condition. Norman S. Braithwaite,
782-4864 (home), 453-9039 (work).

Wanted: Schematic of Victor Talking Machine
Co. of Canada model R50, schematic of TRF
receiver manufactured by Northern Electric
Company, 171A tubes. George Pack, 4148 E.
62nd Ave., Vancouver B.C., Canada, V5P-2K7.

Wanted: 12" or smaller Crosley Musicone,
medium size knob (for bandswitch) and
pushbuttons for 1938 Zenith. Steve Carter,
833-3720.

For Sale: RCA Electrola RE57, Les 784-6586.

For Sale or Trade: E. H. Scott Phantom
Deluxe, 1938, with near perfect chrome, in
very good Warrington console cabinet.
Chassis is rebuilt with new mylar caps.
E. H. Scott Phantom in Bremar console
(small), 1938, near perfect chrome, real
nice cabinet, not rebuilt. Zenith 9S367
9-tube console with Robot Dial and Radio
Organ. Cabinet is near perfect and chassis
is rebuilt with new mylar caps. RF Signal
standard (signal generator) works good, very
stable. 01A tubes \$5.00 each.

Wanted: 12 inch pedestal speaker for Scott
Imperial, tweeters and tweeter cables also
desired. Good cobalt blue Arcturus type 45
tubes (2), and 80 tube also wanted.
Norman S. Braithwaite, 782-4864 (h),
453-9039 (w).

NORTHWEST VINTAGE RADIO SOCIETY

President----- Dick Karman 288-1285

Vice President-- Frank Plaisted 647-2891

Treasurer----- Ed Charman 654-7387

Recording Secretary-- Jim Mason 644-2343

Corresponding Secretary -----
Robert Teague 653-0077

Librarian----- Chuck Kibbler 678-5066



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