

The

Call Letter

May 2018

Vol 44, #5

Northwest Vintage Radio Society
presents a public auction of:
A Fantastic collection of vintage
and antique radios, equipment, tubes
books and miscellaneous.



Saturday, MAY 12th 2018

10:am - 1:pm

Abernathy Grange 15745 S. Harley Ave.

Oregon City, OR 97045

**Over 100 lots, no reserves, no admission,
no buyers fees.** Contact email: nwvrs@yahoo.com

Visit us at: [//www.nwvrs.org](http://www.nwvrs.org)

Facebook: [//www.facebook.com/NWVRS](http://www.facebook.com/NWVRS)

The Northwest Vintage Radio Society

Post Office Box 82379
Portland, Oregon 97282-0379

The Northwest Vintage Radio Society is a non-profit historical society incorporated in the State of Oregon. Since 1974 the Society has been dedicated to the preservation and enjoyment of "Vintage Radio" and wireless equipment.

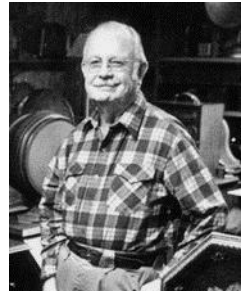
Membership in the Society is open to all who are actively interested in historic preservation. The dues are \$25.00 for domestic membership, due on January 1st of each year (prorated quarterly).

The Call Letter has been a monthly publication since 1974. It was originated with the founder, Bob Bilbie, and our first president, Harley Perkins. Through several editors and with the assistance of numerous society members, the Call Letter has continued to be a publication that informs members of the society's business and that supports the hobby of collecting, preserving, and restoring vintage radios.

Society meetings are held the second Saturday of each month at the Abernethy Grange Hall at 15745 S. Harley Ave. in Oregon City, Oregon. They convene at or about 9:30 AM for the purpose of displaying radios, conducting Society business, and exchanging information. Guests are welcome at all Society meetings and functions (except board meetings).

Other Society functions include guest speakers, auctions, radio shows, and radio sales which are advertised in the Call Letter and are held in and around Portland.

With each issue of the Call Letter, we remember Jim Mason, a charter member of the society who remained active until his death in 1999. A generous bequest from Jim's estate ensures the vitality of the Northwest Vintage Radio Society, and continued publication of the Call Letter.



Society Officers for 2016:

President	Pat Kagi 360 909-7009	patkagi@yahoo.com
Vice President	Brian Wegener (nnn) nnn-nnnn	spudweg@gmail.com
Treasurer	Ed Tompkins (360) 573-3895	edtomp@Q.com
Recording Sec'y	Liles Garcia (503) 649-9288	landn2@frontier.com
Corresponding Sec'y	Mark Moore (503) 286-5224	mark@pdxhistory.com
Board member at large	Mike McCrow (503)730-4639	tranny53@frontier.com
Librarian	Damon Vandehey (503) 459-1777	
Call Letter Editor	Don Hanson	vanguard4@lycos.com

On the Cover

May Radio Sale Flyer

by Sonny Clutter (Nice Work, Thanks! -ed)

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Announcements

The May meeting will start at 9:30 AM on Saturday, May. 12. Rather than our monthly feature we will be having a large auction.

Note from President Pat Kagi - The April auction was a great success and I hope everyone had a good time. A lot of time and effort was spent to make this a reality and special thanks to the following for all their hard work and dedication. Special thanks to: Blake Dietze, Brian Snawder, Brian Toon, Brian Wegener, Dave Eaton, Don Hanson, Ed Tompkins, Jeff Ladoe, Joe Millward, Liles Garcia, Mark Moore, Mike and Janet McCrow, Sonny Clutter

Editor’s Note

Please have June’s Call Letter Contributions in by Sat. May 26.

Visit our web site at:
Find us on Facebook:

www.nwvrs.com
www.facebook.com/nwvrs

NWVRS Meeting Minutes - April 14, 2018

President Pat Kagi called the meeting to order at 9:30 AM. Everyone present pledged allegiance to our nation's flag. Mark Lacey attended today and is a new member. Welcome Mark!! We also had three additional guests that attended today. John North introduced himself to the group; he is the attorney that is working with Doug Ludwig's estate. We had many of Doug's radios for auction at our meeting today. Sonny Clutter donated a clock to our meeting room—many thanks, Sonny!!

George Kirkwood needs a 50pf, 50Kv capacitor for a project. Please let Brian Wegener know if you would like to give a Tech Talk to the group. The minutes for the March meeting were approved as published in the April 2018 Call Letter. The Program Topic for our June meeting will be "Novelty Radios". We had a short break and then we had an auction of radios for the Ludwig estate. Many thanks to Mike McCrow for being our auctioneer today!! Also, many thanks to those people who helped with all of the other auction tasks!!

Correction to March minutes: All table fees for the October 2017 sale were collected. Treasurer records show that large amounts of table fees are missing from sales between September 2015 and April 2017.

Recorded by Secretary Liles Garcia

PUGET SOUND ANTIQUE RADIO ASSOCIATION
ANTIQUE & VINTAGE TECHNOLOGY MARKET
SUNDAY AUGUST 19, 2018
Huge **ONE DAY ONLY** event.
Radio, phono, audio, ham, electronics, tubes, books & more.
Sellers fee \$20. Open 6AM for seller setup.
Buyers no charge, 9 AM - 1 PM. Public welcome.
at Shoreline Community College parking lot
16101 Greenwood Avenue North, Shoreline, WA 98133
for information: <http://www.pugetsoundantiqueradio.com>

Calendar of Events

May 12 2018, 9:30 AM - NWVRS public auction of antique radios, equipment, tubes, books, and misc. Abernethy Grange, 15745 S. Harley Ave. Oregon City, OR.

May 12. Stanwood Camano Amateur Radio Club Hamfest, Stanwood Middle School, Stanwood, WA. Contact: Fred Laun, w7pig@arrl.net <http://www.scarcwa.org/>

May 19 & 20. River Radio Campout 2018. Pateros WA. Sponsored by the Okanogan County Amateur Radio Club. Free "dry" camping along the Methow River at Pateros. Always the weekend prior to Memorial Day Weekend. w7orc1@gmail.com . <http://www.w7orc.com/> . Contact Mike W7MCM, skippermike53@gmail.com 509-689-3164.

May 26. Port Alberni swap meet. Port Alberni BC. https://secure.eton.ca/rac/events/detail.php?event_ID=1933

June 1-3. SEA-PAC Hamfest and ARRL Northwestern Division Convention. Seaside Convention Center, Seaside, Oregon. *This is an ARRL sanctioned event.* info@seapac.org . www.seapac.org/

June 8-10. 50th Annual Apple City ARC Hamfest. Apple City ARC. *This is an ARRL sanctioned event.* Dryden Gun Club. Dryden, WA. (Five miles east of Leavenworth on Hiway 2). <https://www.applecityarc.com/>

June 9. KARS Hamfest. Kootenai Amateur Radio Society. Post Falls, ID. Always the 2nd Sat in June. For information contact k7idhamfest@gmail.com . www.k7id.org .

June 9. Port Ludlow ARC Old Fashion Tail Gate'r. Port Ludlow, WA. <https://www.n7pl.org/>

June 18 - 24. 50th Anniversary Washington State SAR Conference. Central Washington University, Ellensburg, WA. <http://www.wasarcon.org/> . Registration is now open! <http://www.wasarcon.org/Registration/tabid/1605/Default.aspx>

Edward “Doug” Ludwig, Silent Key

By Blake Dietze

Edward “Doug” Ludwig became a silent key on January 30th of this year, leaving his legacy, and many radios behind. While Doug was known by many as a collector of All American 5 radios, few of us knew the extent of his radio collection. I was privileged to see the collection in his home after he passed away. Doug had devoted one bedroom in his 3-bedroom home to his collection. The room was adorned from wall to wall and shelves in the center of the room, all-in-all about 150 radios. Other radios could be found in his living room, family room, hallways and his personal bedroom. Additional radios awaiting Doug’s hand were found in the garage, along with parts, tubes, and test equipment.

Doug collected most of the common brands, but his collection included a substantial number of RCA and Emerson models. I also had the privilege to meet Doug’s brother (heir to the estate) and nephew, who spent days preparing a manifest of the collection. Doug’s wishes were that the majority of his collection be returned to the radio collecting community, and made provisions through a professional executor to ensure his wishes were carried out, and that the society would benefit, as well as its members. This was to be Doug’s legacy to our organization. His collection was vast enough to require 2-plus auctions to disperse. While I primarily collect wood sets from an earlier era, I appreciate Doug’s love of plastic and Bakelite radios as part of Americana, and will happily display my auction purchases, as part radio history and a small tribute to the man who loved them even more.

Doug was born, raised, and spent his early years (through high school), in New Jersey where he played Football and other sports. He graduated from the University of Maine with a degree in Forestry. After serving his country in the Korean Conflict, Doug began his career in forestry with assignments on the west coast; including Washington, Oregon, and California. Along with his passion for the outdoors, Doug enjoyed electronics and his canine friends. Doug leaves behind four nieces, one nephew, five grand-nieces, two grand-nephews, seven great nieces and nephews, and approximately 300 radios!



Edward “Doug” Ludwig

More on the Nighthawk

By Art Redman and Brian Wegener

Art, I got a response from a collector (Brian Larson - Ed) that shows an ad for Nighthawk Radio Sets in Florida. - Brian Wegener

Hello Brian, Attached is an Oregonian ad showing the Portland, OR Nighthawk. It is different from the Florida ad. Maybe the Nighthawk name was a model name or used by two different companies circa 1925.

Regards, Art

IT IS A PLEASURE FOR US TO DEMONSTRATE TO YOU THE
RADIO SENSATION

THE NIGHTHAWK

RADIO SET COMPLETE AT THE **\$98.75**
(INTRODUCTORY PRICE)

Equipped with Loud Speaker, Storage "A" Battery, "B" Battery,
Six Tubes and Magnifying Cabinet. Volume - Tone - Distance.

**COAST TO COAST RECEPTION IS
POSSIBLE WITH A NIGHTHAWK**



DEALERS' ATTENTION
Fill in the blank and mail today for attractive dealers' propo-
sals. Some fine territory still open.

NAME
ADDRESS
CITY STATE

WOODBURY RADIO ELECTRIC
Salmon Street Main 2253 Portland, Oregon

<< Oregonian Ad ~1925



Nighthawk Radio Sets

*Complete with tubes,
batteries and loud
speaker, priced at* **\$150**

—Sets that are built by radio engineers who know—
sets that will give you the same service as those priced
a great deal higher.

—We are offering these famous Nighthawk sets com-
plete with five tubes, batteries and loud speaker at
this moderate price. If you want our engineers to in-
stall it, it will cost you \$10 extra.

THIRD FLOOR,

Florida Ad 1925 >>

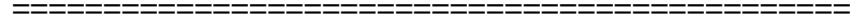
Alan Larsen

Apparently there were Nighthawk radios across the country in Florida. Here is an ad from the Mon. Apr. 13 1925 Orlando Evening Star newspaper showing another "Nighthawk" radio.

Items To Be Auctioned On Saturday







KISN 50 Year Anniversary

For all you Portland area "BOOMERS" out there who are / were KISN Radio lovers, TODAY is their 59th Birthday. In 1959 when it all started, as the station played the song "Teenage Bill of Rights" by Robby John & the Seven-Teens for 24 hours straight....and I heard they used up 3 records doing it!!! Ahhhh....the good old days!!! - Happy Goat

I remember "we are going to start a revolution, a KISN revolution" being said over and over during the first 24 hours after changing from KVAN to KISN.
- Dave



Pictures from the NWVRS Tigard Library Display

By Sid Saul



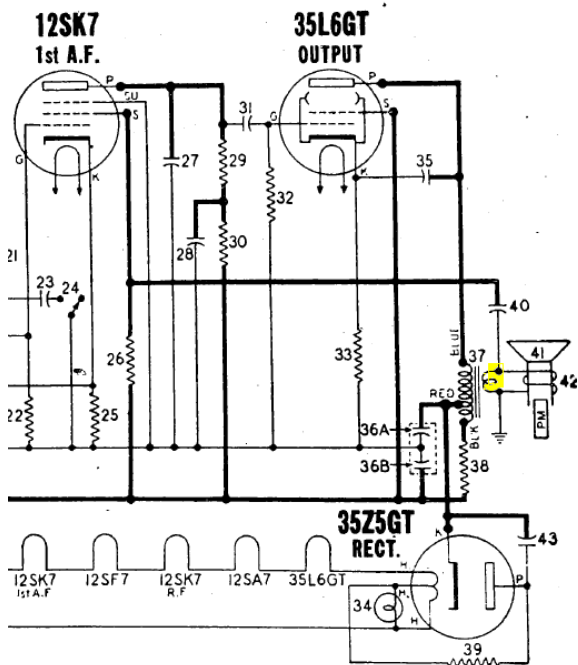
Negative Feedback - Part 2 of 3

By Sid Saul



Featured is the '46 Stewart Warner model 61T16 table radio. Notice the tell-tale connection from the audio transformer secondary winding back to the first audio stage. A sure-sign of better performance. This *out of phase* signal enters the screen grid of the 12SK7 first audio amplifier tube in what is called Negative Feedback (NF). Very often used in guitar amplifiers delivering less distortion and a flatter frequency response at higher volume, also known as headroom. The small trade off being less gain, but compensated with adequate output power. Less costly filtering components are needed as NF reduces hum produced in the power supply. Even smaller speakers can be utilized due to reduced distortion. NF though will not improve distortion in the earlier stages of the radio. When servicing speakers and output transformers on these NF sets, precautions are required as mentioned in the service literature.

NF is seen more in the expensive transformer sets. It was thought that NF would not benefit simple AC-DC sets due to their simple circuitry, not appreciated by the average listener. Please excuse my lack of theory and being unusually short winded. Next time we finish our discussion of NF with a more graphical explanation. So until next time from your aspiring radiotrician. - Sid



Audio output circuit with negative feedback highlighted

AUDIO OSCILLATION

The audio system of this receiver utilizes a two stage type of inverse feed-back arrangement and, should it ever be necessary to replace the speaker or output transformer, it is important to maintain a definite phase relationship in the feed-back circuit. If the connections to the output transformer are reversed or if the feed-back connection is made to the wrong side of the output transformer secondary, the system will become regenerative instead of degenerative. Under those conditions audio oscillation may result. If that occurs, oscillation may be prevented by reversing the connections to the secondary of the output transformer.

The vintageTEK museum has an extensive microfiche collection and has launched a YouCaring fundraiser to help purchase a microfiche scanner to be able to digitize portions of the collection. Tektronix for decades released documentation to the field on microfiche. While some of this information has been made public, we know specific documentation was only released on microfiche. VintageTEK is a 501(c) (3) charity so all donations are 100% tax deductible under section 170 of the IRS code. Please see our blog at <https://vintagetek.org/vintagetek-microfiche-scanner-fundraiser> For more information or visit our YouCaring fundraiser site at <https://www.youcaring.com/Vintagetek-fiche>

David J. Brown, vintageTEK President - davebr@modularsynthesis.com

vintageTEK Microfiche Scanner Fundraiser

March 27, 2018 Dave Brown

Help the museum purchase a microfiche scanner!

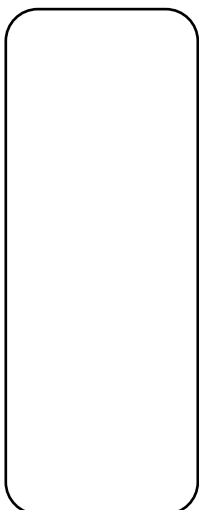
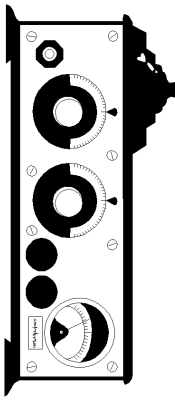
Tektronix for a number of decades published copies of documents to their field offices on microfiche. The vintageTEK museum has an extensive microfiche collection estimated at over 3 million individual pages. There are certainly duplicates and some of this information is already available publicly but there is specific documentation that is available in microfiche only. This video will tell you more.



Due to the significant number of pages and finite volunteer hours available, our initial effort will be to respond to specific requests for information. A dedicated effort to scan major portions of the collection is dependent on additional volunteer hours.



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